

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF NEW HAMPSHIRE**

ABC IP, LLC, a Delaware limited liability
company,

and

RARE BREED TRIGGERS, INC., a Texas
corporation,

Plaintiffs,

v.

FUDD ARMS LLC, a New Hampshire limited
liability company,

Defendant.

Civil Action No. _____

**COMPLAINT FOR PATENT
INFRINGEMENT**

JURY TRIAL DEMANDED

This is an action for patent infringement in which ABC IP LLC (“ABC”) and Rare Breed Triggers, Inc. (“Rare Breed”) (collectively, “Plaintiffs”) accuse Fudd Arms LLC (“Defendant”) of infringing U.S. Patent Nos. 12,038,247; 12,031,784; 12,529,538; 12,578,159; 10,514,223; 11,724,003; 12,036,336; 12,274,807; and 12,636,403 as follows:

PARTIES

1. ABC is a limited liability company organized under the laws of the State of Delaware with an address at 8 The Green, Suite A, Dover, Delaware 19901.

2. Rare Breed is a Texas corporation having a place of business at 2710 Central Freeway, Suite 150-151, Wichita Falls, TX 76306.

3. Upon information and belief, Fudd Arms LLC is a limited liability company organized under the laws of New Hampshire with an address of 84 W Broadway, STE 200, Derry, NH 03038.

JURISDICTION AND VENUE

4. This is an action for patent infringement arising under 35 U.S.C. §§ 271(a)–(c), 281, and 284–85.

5. This Court has subject matter jurisdiction over this action under 28 U.S.C. § 1338, which directs that United States District Courts shall have original jurisdiction of any civil action arising under any Act of Congress relating to patents and pursuant to 28 U.S.C. § 1331, which pertains to civil actions arising under the laws of the United States.

6. Personal jurisdiction over Defendant is proper in this District because the Defendant resides in and has a regular and established place of business in this District.

7. Venue is proper in this district pursuant to 28 U.S.C. § 1400(b). Defendant resides in or has committed acts of infringement and has a regular and established place of business in this District.

BACKGROUND

8. This lawsuit asserts direct, contributory, and induced infringement of U.S. Patent Nos. 12,038,247 (“the ’247 Patent”), 12,031,784 (“the ’784 Patent”), 12,529,538 (“the ’538 Patent”), 12,578,159 (“the ’159 Patent”), 10,514,223 (“the ’223 Patent”), 11,724,003 (“the ’003 Patent”), 12,036,336 (“the ’336 Patent”), 12,274,807 (“the ’807 Patent”), and 12,636,403 (“the ’403 Patent”) (together, “the Asserted Patents”).

9. The ’247 Patent was lawfully and properly issued by the United States Patent and Trademark Office on July 16, 2024. Each and every claim of the ’247 Patent is valid and enforceable. A true and correct copy of the ’247 Patent is attached as Exhibit A.

10. The ’784 Patent was lawfully and properly issued by the United States Patent and Trademark Office on July 9, 2024. Each and every claim of the ’784 Patent is valid and enforceable. A true and correct copy of the ’784 Patent is attached as Exhibit B.

11. The '538 Patent was lawfully and properly issued by the United States Patent and Trademark Office on January 20, 2026. Each and every claim of the '538 Patent is valid and enforceable. A true and correct copy of the '538 Patent is attached as Exhibit C.

12. The '159 Patent was lawfully and properly issued by the United States Patent and Trademark Office on March 17, 2026. Each and every claim of the '159 Patent is valid and enforceable. A true and correct copy of the '159 Patent is attached as Exhibit D.

13. The '223 Patent was lawfully and properly issued by the United States Patent and Trademark Office on December 24, 2019. Each and every claim of the '223 Patent is valid and enforceable. A true and correct copy of the '223 Patent is attached as Exhibit E.

14. The '003 Patent was lawfully and properly issued by the United States Patent and Trademark Office on August 15, 2023. Each and every claim of the '003 Patent is valid and enforceable. A true and correct copy of the '003 Patent is attached as Exhibit F.

15. The '336 Patent was lawfully and properly issued by the United States Patent and Trademark Office on July 16, 2024. Each and every claim of the '336 Patent is valid and enforceable. A true and correct copy of the '336 Patent is attached as Exhibit G.

16. The '807 Patent was lawfully and properly issued by the United States Patent and Trademark Office on April 15, 2025. Each and every claim of the '807 Patent is valid and enforceable. A true and correct copy of the '807 Patent is attached as Exhibit H.

17. The '403 Patent was lawfully and properly issued by the United States Patent and Trademark Office on May 26, 2026. Each and every claim of the '403 Patent is valid and enforceable. A true and correct copy of the '403 Patent is attached as Exhibit I.

18. ABC is the current owner by assignment of all right, title and interest in and to the Asserted Patents. These assignments have been recorded at the United States Patent and Trademark Office (“USPTO”).

19. Rare Breed is the exclusive licensee of the Asserted Patents.

20. Plaintiffs have complied with the requirements of 35 U.S.C. § 287 either because the Asserted Patents are not practiced by ABC or any licensee and/or because any licensee has been required to mark its product.

21. Upon information and belief, Defendant has committed acts of direct, contributory, and induced patent infringement, which will be described in more detail below. These acts are in violation of 35 U.S.C. § 271 and should be considered willful.

THE INVENTIONS

22. A typical AR15-pattern firearm, for example, is considered a semiautomatic firearm. The operation of a *standard disconnect* AR-pattern trigger mechanism is commenced by the trigger member being pulled by the user. The trigger member releases the hammer from the trigger sear and allows the hammer to strike the firing pin. A portion of the propellant gas is used to begin the process of sending the bolt carrier to the rear of the firearm. The rearward movement of bolt carrier cocks the hammer on the disconnect and then the bolt is allowed to return forward into battery with a new round inserted into the chamber. While this is happening, in the standard AR-pattern semiautomatic trigger, the user can either continue to hold the trigger member in a pulled (i.e., fired) state or allow the trigger to return to its reset state, in which the sear, rather than the disconnect, engages and holds the hammer in a cocked position. When the user reduces pressure on the trigger member to allow the trigger spring to reset the trigger member, the disconnect releases the hammer to engage the trigger sear.

23. In the standard AR-pattern trigger assembly, the purpose of the disconnecter is to hold the hammer in a cocked position until the trigger member is reset by a trigger spring when the user lets the trigger reset. The disconnecter allows the firearm to be fired only a single time when the trigger is pulled and held, because the user is not typically able to manually reset the trigger rapidly enough so that the sear engages before the bolt carrier or bolt returns to its in-battery position. The disconnecter prevents the firearm from either firing multiple rounds on a single pull of the trigger, or from allowing the hammer to simply “follow” the bolt carrier as it returns to battery without firing a second round, leaving the hammer uncocked.

24. In contrast, in what Plaintiffs have coined a “forced reset” trigger mechanism, cycling of the bolt carrier or bolt causes the trigger member to be mechanically moved to the reset position and hold the trigger member there until the bolt or bolt carrier is back in battery, when it is safe for the user to pull the trigger again, without the need for a disconnecter.

25. The ’247 and ’159 Patents provide a novel device for accelerating the firing sequence of any semiautomatic firearm, in contrast to a standard semiautomatic trigger or other prior art devices that allow an accelerated rate of semiautomatic firing. The device can be selected to operate in either a standard semiautomatic mode or a “forced reset” semiautomatic mode and uses a cam, rotated by cycling of the action, to cause the trigger member to reset and prevent the trigger member from being pulled again until the action has returned to the in-battery position.

26. The ’784 Patent provides a device that works in a trigger system as an extended trigger member locking mechanism for use with a semi-automatic firearm that employs, in some embodiments, a “deflectable extension of the locking member that is actuated by forward movement of the bolt carrier,” among other innovations as explicitly claimed. Certain inventions of the ’784 Patent overcome the geometric limitations of prior art designs for use in multiple and

varied semi-automatic firearm designs by allowing a locking member to deflect or fold separately from the body portion of the locking member when contacted by the forward portion of the bolt carrier as it cycles to the rear.

27. The '538 Patent provides a safety mechanism for a firearm that employs a cam selector, a lever, and a trigger. The cam selector contains multiple recesses and is configured to operate between a first mode, a second mode, and a third mode. In the first mode, a portion of the trigger referred to as a first trigger tail portion is movable within the first recess. In the second mode, the first trigger tail portion is allowed to engage the second recess and be moved down by a cam portion of the second recess when the cam selector rotates. In the third mode, the cam selector is configured to prevent the trigger from being pulled.

28. The '223 Patent describes and claims a device in which the cycling of the action causes hammer contact with the trigger member to mechanically reset the hammer and trigger member. A locking bar prevents the trigger member from being pulled again by the user until the bolt carrier has returned to the in-battery position.

29. The '003 Patent, the '336 Patent, the '807 Patent, and the '403 Patent describe and claim a similarly operating device with the additional feature that it can be selected to operate in either of two distinct modes: 1) standard disconnecter semiautomatic mode and 2) "forced reset" semiautomatic mode.

30. The claims of the patents define the scope of the patented inventions.

THE INFRINGING DEVICES

31. On information and belief, Defendant previously or is currently making, using, selling, and/or offering for sale products that embody the technology claimed in the Asserted Patents, including the following (collectively, the "Infringing Devices"):

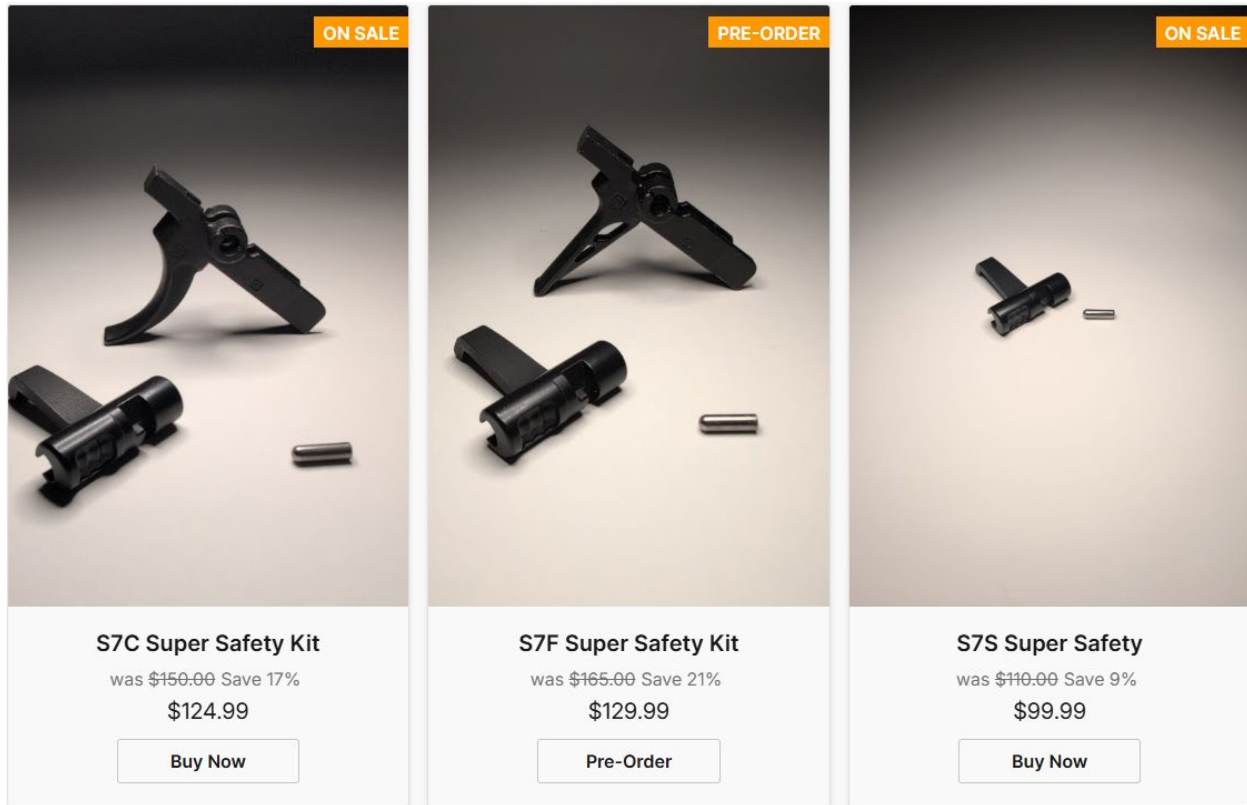
I. The Super Safety

32. On information and belief, Defendant previously or is currently making, using, selling, and/or offering for sale a (3-Position) “Super Safety” (“the Super Safety”), which embodies the technology claimed in at least the ’247, ’784, ’538, ’159, and ’403 Patents.

33. On information and belief, Defendant previously or is currently making, using, selling, and/or offering for sale the Super Safety via the website <https://fuddarms.com/products/super-safety>, in multiple variants, including at least:

- a. A partial kit, which includes at minimum the cam and cam lever components, and may further include one or more additional components—when these components are installed in combination with a standard AR-pattern hammer and disconnecter, with standard springs, the combination creates the invention of the ’247, ’784, ’538, ’159, and ’403 Patents—and/or;
- b. A complete kit, which includes at minimum the cam and cam lever components and additional components (e.g., a standard AR-pattern hammer, disconnecter, standard springs, and a modified trigger); and/or
- c. A complete kit preinstalled in a receiver and/or complete firearm, which includes cam and cam lever components and additional components (e.g., a standard AR-pattern hammer, disconnecter, standard springs, and a modified trigger) preinstalled in an AR-pattern receiver.

34. Exemplary images are shown below:



35. The Super Safety can operate in a “disconnecter mode,” which is much like that of a standard AR-15 trigger. The user can switch between safe, standard semiautomatic with disconnecter, and “forced reset” semiautomatic with cam modes by moving the safety selector laterally between positions.

II. The Disruptor

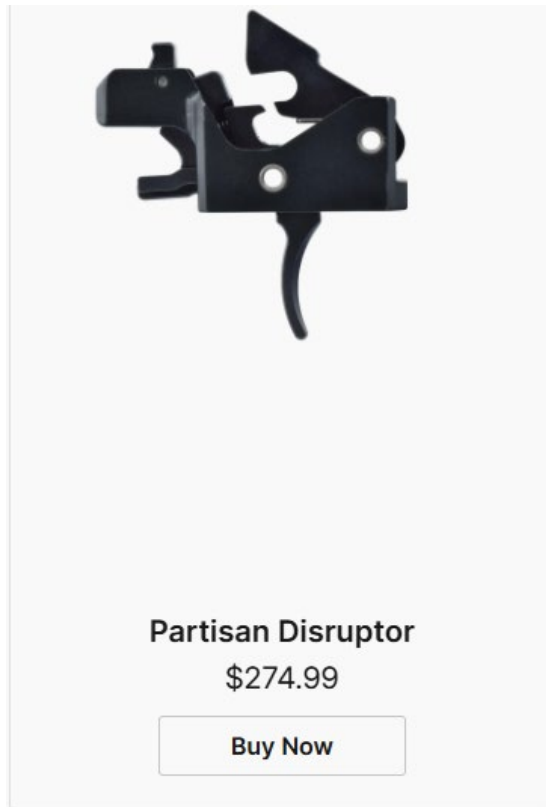
36. On information and belief, Defendant previously or is currently making, using, selling, and/or offering for sale a (3-Position) Partisan Disruptor (“the Disruptor”), which embodies the technology claimed in at least the ’223, ’003, ’336, ’807, and ’403 Patents.

37. On information and belief, Defendant previously or is currently making, using, selling, and/or offering for sale the Disruptor via the website <https://fuddarms.com/products/ar-15>, in multiple variants, including at least:

- a. As a standalone product; and/or

b. Pre-installed in a receiver and/or complete firearm.

38. An exemplary image is shown below:



39. The Disruptor also operates in a “disconnecter mode,” which is much like that of a standard AR-15 trigger. The user can switch between safe, standard semiautomatic with disconnecter, and “forced reset” semiautomatic with cam modes by moving the safety selector between positions.

40. When the Disruptor operates in the “forced reset” mode, the cycling of the action causes hammer contact with the trigger member to mechanically reset the hammer and trigger member. A locking bar/member prevents the trigger member from being pulled again by the user until the bolt carrier has returned to the in-battery position.

41. When in the standard semi-automatic mode, rearward movement of the bolt carrier causes rearward pivoting of the hammer such that the disconnecter hook catches the hammer hook,

at which time a user must manually reduce pressure on the trigger member to free the hammer from the disconnecter to permit the hammer and trigger member to pivot to the set positions so that the user can pull the trigger member to fire the firearm again.

42. When in the “forced reset” semi-automatic mode, rearward movement of the bolt carrier causes rearward pivoting of the hammer causing the trigger member to be moved to the set position, the safety selector preventing the disconnecter hook from catching the hammer hook, and thereafter when the bolt carrier reaches the substantially in-battery position the user can pull the trigger member to fire the firearm without manually releasing the trigger member.

COUNT I – INFRINGEMENT OF THE '247 PATENT

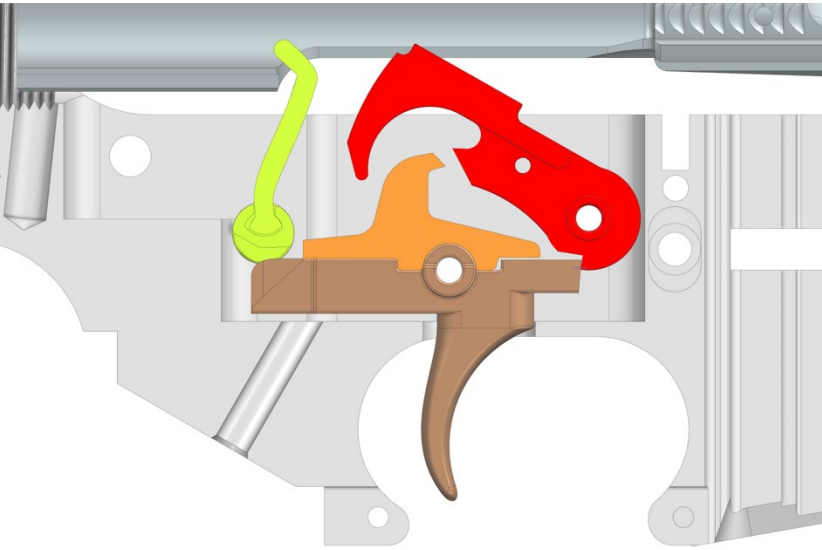
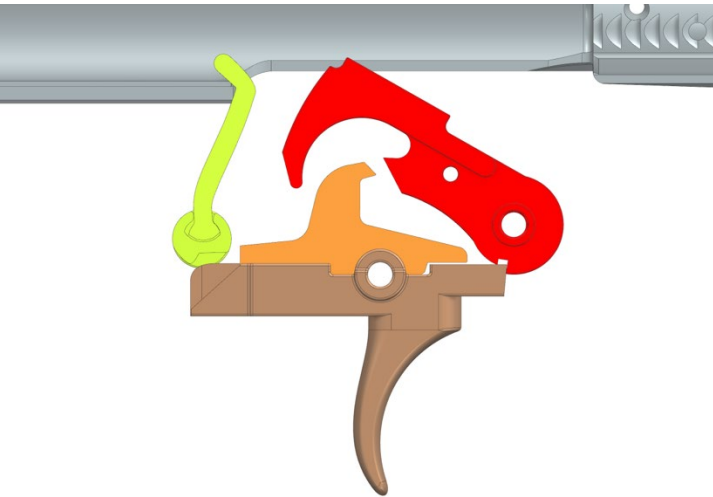
43. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

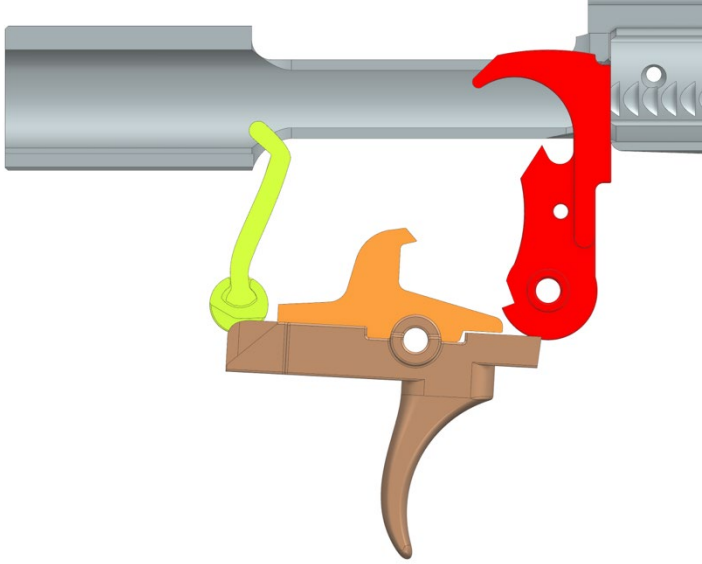
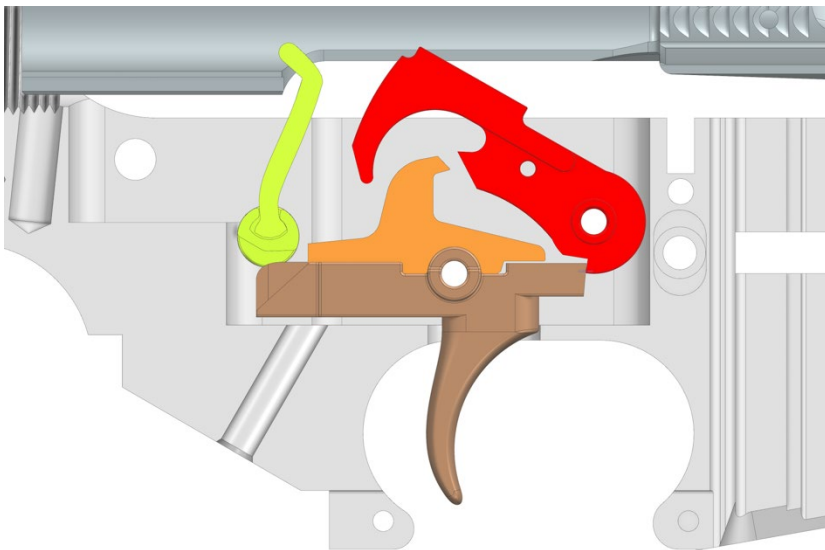
44. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '247 Patent, including but not limited to claim 15, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '247 Patent. Such unlicensed products include the Super Safety.

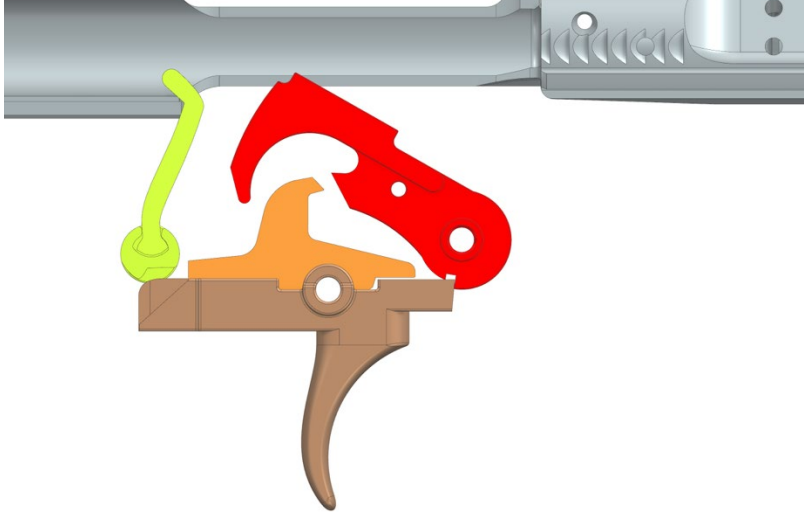
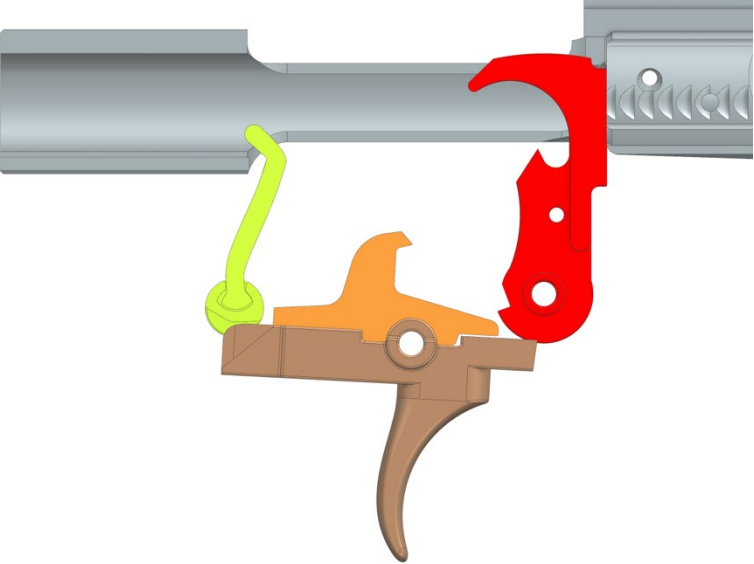
45. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '247 Patent, including but not limited to claim 15, literally and/or under the doctrine of equivalents.

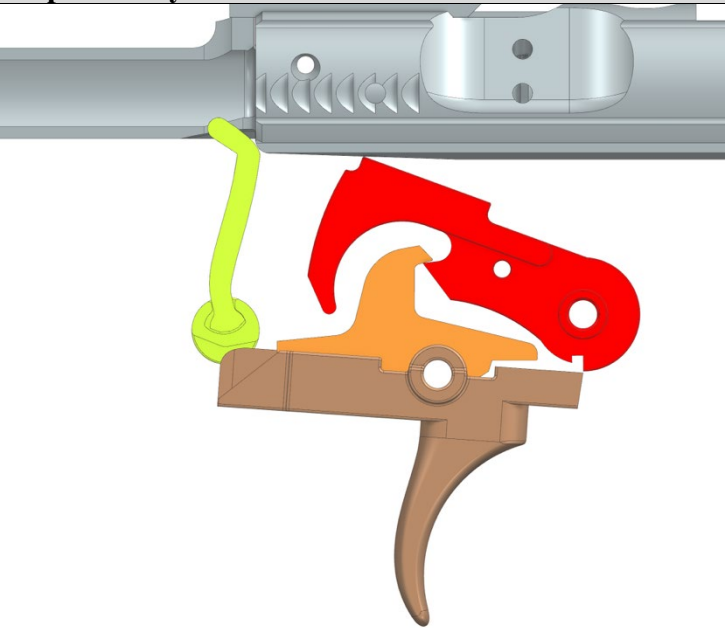
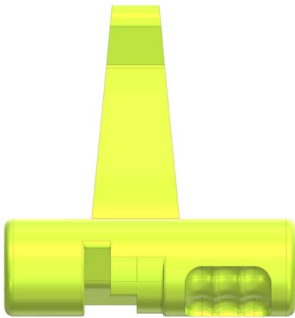
46. An exemplary comparison of the Super Safety, when assembled and used as intended, with claim 15 of the '247 Patent, is illustrated in the chart below:

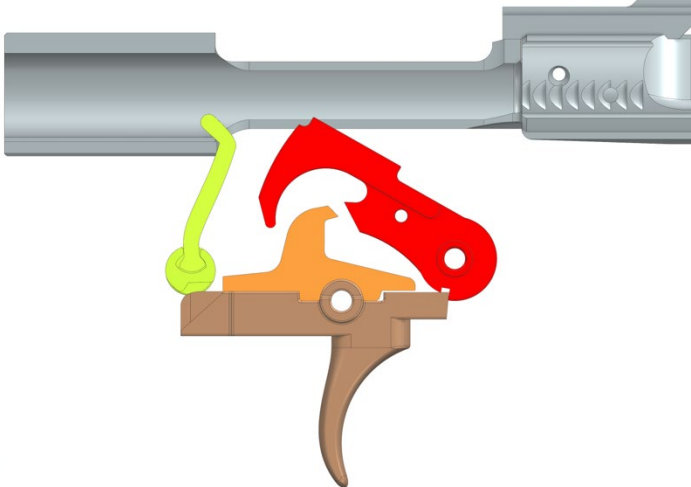
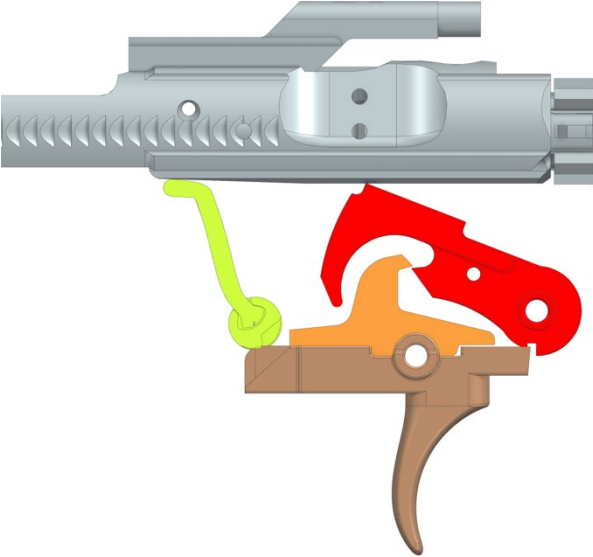
'247 Patent, Claim 15	The Super Safety
15. A firearm trigger mechanism comprising:	When installed and used as directed, the Super Safety is part of a trigger mechanism and functions as a cam that in at least one mode, both causes the reset of the trigger and locks the trigger during the cycle of operation. https://fuddarms.com/products/super-safety The Super Safety <i>See also, Ex. J, Super Safety 3D Printed Active Trigger System v4.4, (“Super Safety Guide”) at 12</i>
a hammer having a sear catch and a hook for engaging a disconnecter	The Super Safety (yellow) is installed in a fire control mechanism pocket of a receiver along with a hammer (red) that

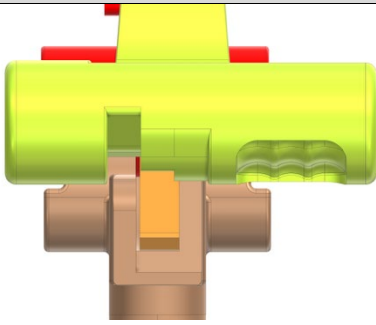
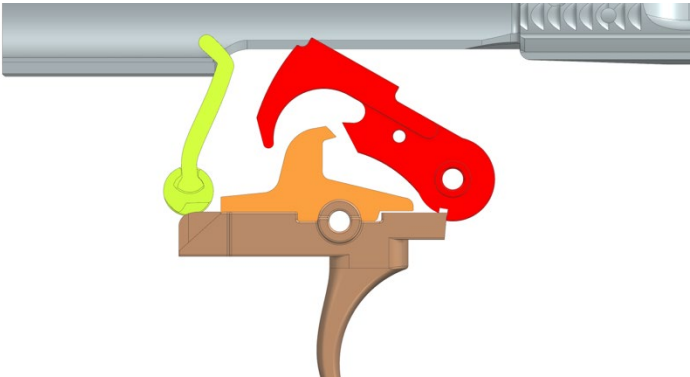
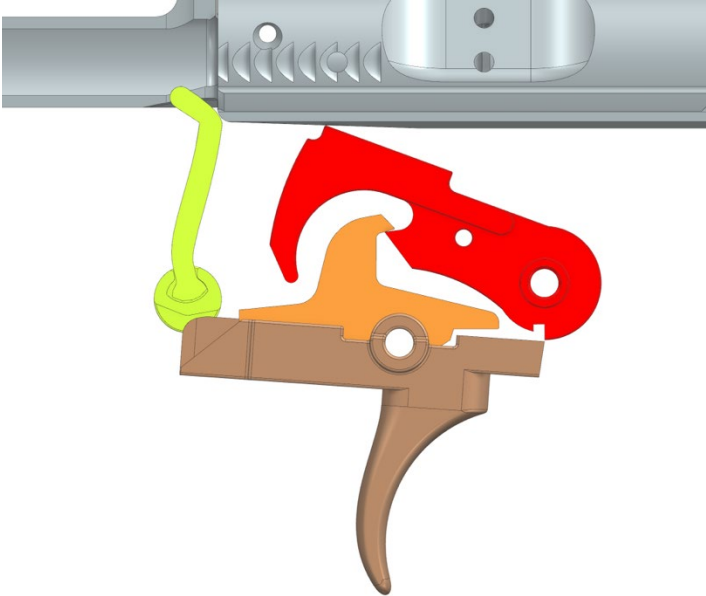
'247 Patent, Claim 15	The Super Safety
and adapted to be mounted in a fire control mechanism pocket of a receiver	has a sear catch and a hook for engaging a disconnector (orange).  (Plaintiff-generated renderings of the Super Safety here and below)
to pivot on a transverse hammer pivot axis between set and released positions, said hammer adapted to be pivoted rearward by rearward movement of a bolt carrier,	The hammer (red) pivots on a transverse hammer pivot axis between set and released positions, depicted below. The hammer is adapted to be pivoted rearward by rearward movement of a bolt carrier.  Hammer Set Position

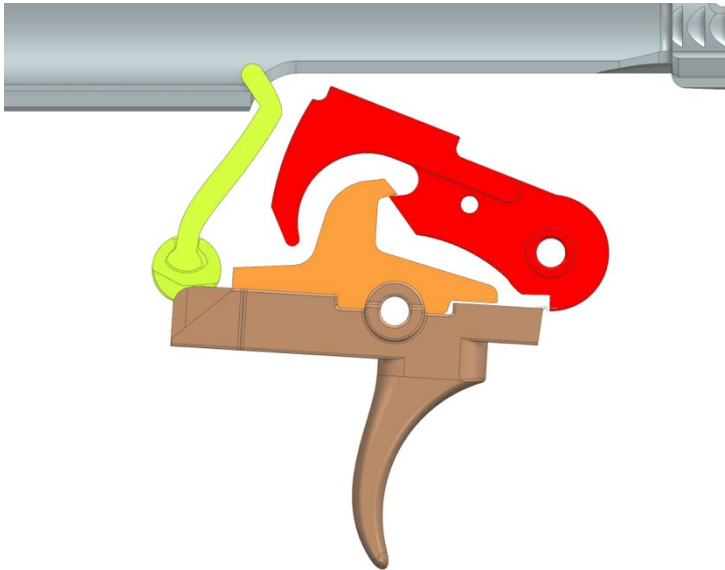
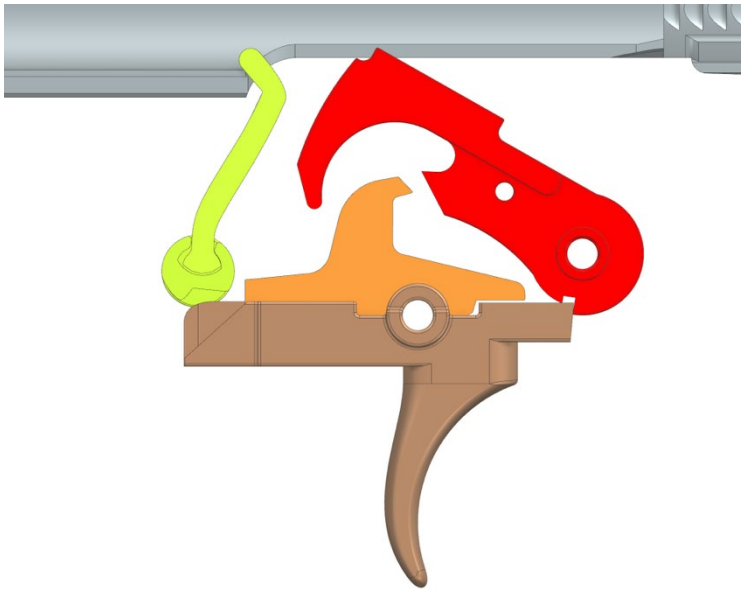
'247 Patent, Claim 15	The Super Safety
	 Hammer Released Position
a trigger member having a sear and adapted to be mounted in the fire control mechanism pocket to pivot on a transverse trigger member pivot axis between set and released positions,	The Super Safety (yellow) is installed with a trigger member (brown) in the fire control mechanism pocket and the trigger member pivots on a transverse trigger member pivot axis between set and released positions. The trigger member (brown) has a sear. 
wherein said sear and sear catch are in engagement in said set positions of said hammer and trigger member	The sear of the trigger member (brown) and sear catch of the hammer (red) are in engagement when the hammer and trigger member are in their set positions.

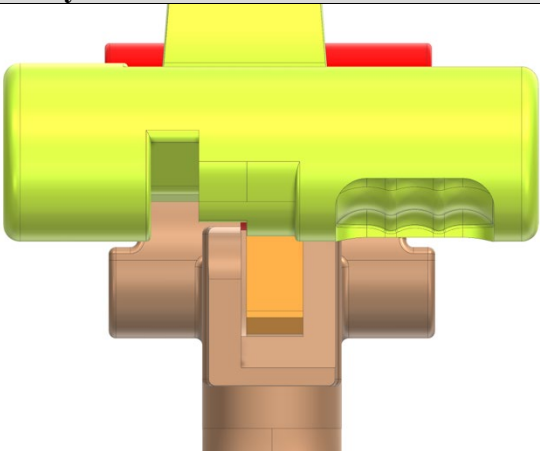
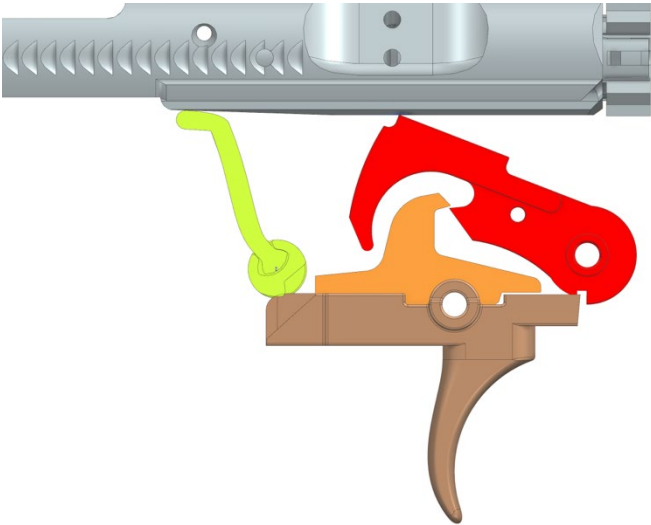
'247 Patent, Claim 15	The Super Safety
	 Trigger Member Set Position
and are out of engagement in said released positions of said hammer and trigger member,	The sear of the trigger member (brown) and sear catch of the hammer (red) are out of engagement in the released position.  Trigger Member Released Position
said disconnecter having a hook for engaging said hammer and adapted to be mounted in the fire control mechanism pocket to pivot on a transverse disconnecter pivot axis,	The disconnecter (orange) is adapted to be mounted in the fire control mechanism pocket to pivot on a transverse disconnecter pivot axis. The disconnecter has a hook for engaging the hammer (red).

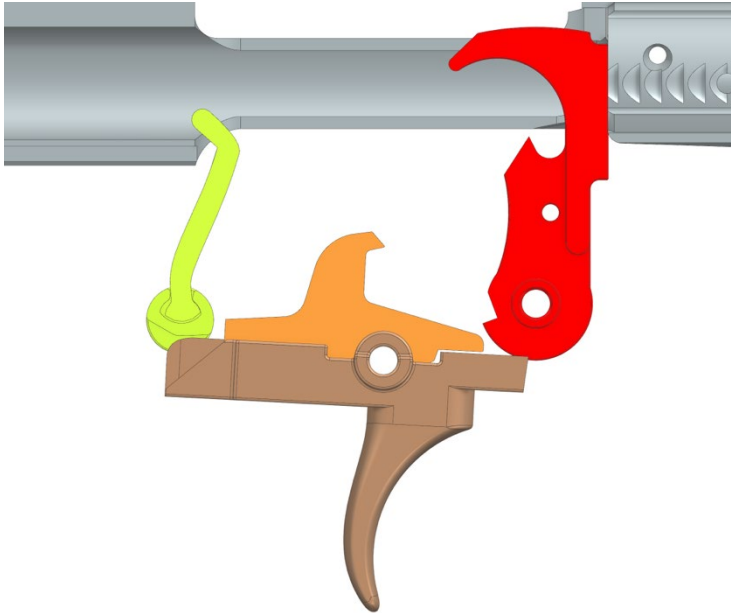
'247 Patent, Claim 15	The Super Safety
	 Disconnecter Hook Engaged
and a cam having a cam lobe and adapted to be movably mounted in the fire control mechanism pocket,	The Super Safety has a cam with a cam lobe and lever that is adapted to be movably mounted in the fire control mechanism pocket. (<i>See image above depicting Super Safety, shown in yellow, in fire control mechanism pocket</i>)  Super Safety Cam with Lobe and Lever
said cam being movable between a first position and a second position, in said second position said cam lobe forces said trigger member towards said set position,	The cam is movable between a first position and a second position.

'247 Patent, Claim 15	The Super Safety
	 Cam and Lobe First Position In the second position, the cam lobe mechanically moves the trigger member (brown) toward the set position when the cam is in the “forced reset” semi-automatic mode.  Cam and Lobe Second Position
whereupon in a standard semi-automatic mode,	During at least part of the cycle in the standard semi-automatic mode,

'247 Patent, Claim 15	The Super Safety
said cam is in said first position, rearward movement of the bolt carrier causes rearward pivoting of said hammer such that said disconnecter hook catches said hammer hook,	 . . . the cam is in the first position.  Rearward movement of the bolt carrier causes rearward pivoting of the hammer (red) such that the disconnecter (orange) hook catches the hammer hook. 

'247 Patent, Claim 15 and thereafter the bolt carrier moves forward into battery, at which time a user must manually release said trigger member to free said hammer from said disconnector to permit said hammer and trigger member to pivot to said set positions so that the user can pull said trigger member to fire the firearm, and whereupon in a forced reset semi-automatic mode,	The Super Safety Thereafter, the bolt carrier moves forward into battery,  . . . at which time a user must manually release the trigger member (brown) to free said hammer (red) from the disconnector (orange) to permit the hammer and trigger member to pivot to the set positions so that the user can pull the trigger member to fire the firearm.  When in the “forced reset” semi-automatic mode,
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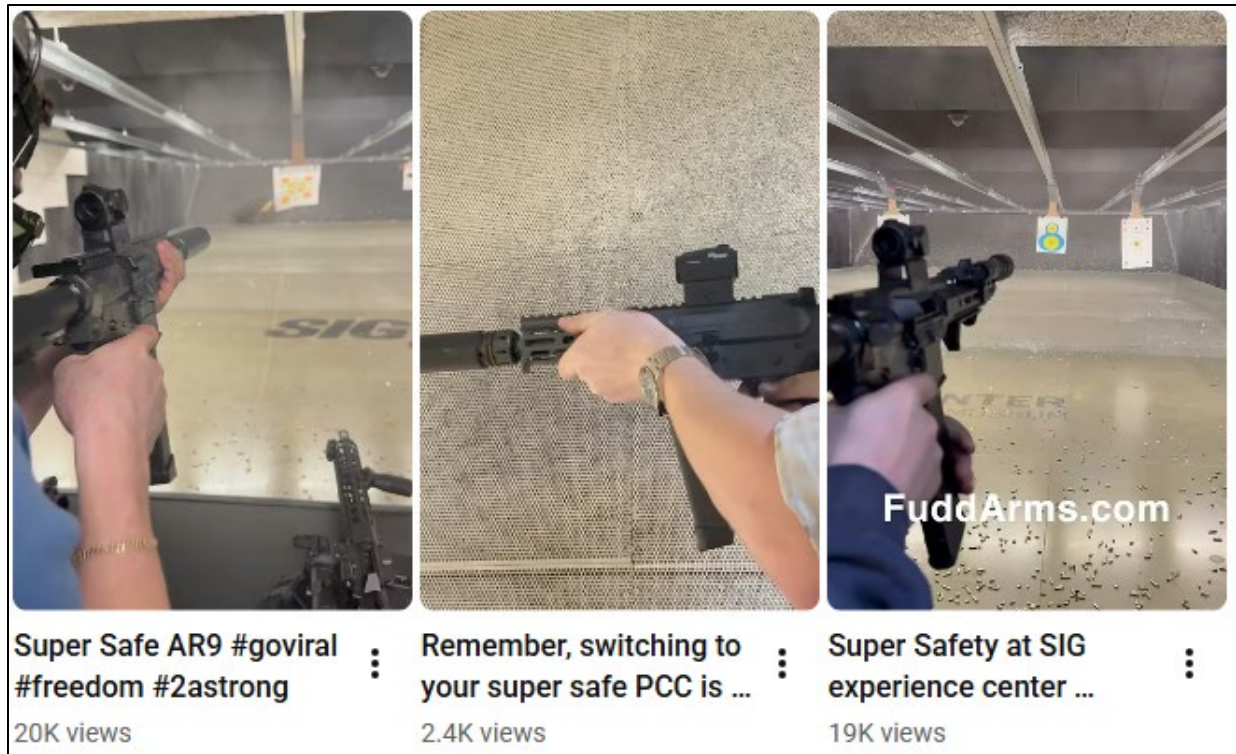
'247 Patent, Claim 15	The Super Safety
said cam is in said second position, rearward movement of the bolt carrier causes rearward pivoting of said hammer such that said disconnecter hook is prevented from catching said hammer hook,	 . . . the cam is in the second position during at least part of the cycle and mechanically moves the trigger member toward the set position. Rearward movement of the bolt carrier causes rearward pivoting of the hammer (red) such that the disconnecter (orange) hook is prevented from catching the hammer hook. 
and thereafter the bolt carrier moves forward into battery,	Thereafter, the bolt carrier moves forward into battery,

'247 Patent, Claim 15	The Super Safety
	
at which time the user can pull said trigger member to fire the firearm.	. . . at which time the user can pull the trigger member (brown) to fire the firearm. 

47. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '247 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate

direct infringement by others. Such active steps include, but are not limited to, installation of, encouraging, advertising, promoting, and instructing others to use and/or how to use the Super Safety. One example of this is the promotional material found on Defendant's website (<https://www.youtube.com/@FuddArmsLLC>) that informs customers to install the Infringing Devices into an AR15:





48. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 15 of the '247 Patent.

49. On information and belief, Defendant also contributes to the infringement of the '247 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Super Safety, such as the cam or cam lever arm. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '247 Patent.

50. Defendant has engaged in egregious infringement behavior with knowledge of the '247 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '247 Patent and that the '247 Patent is valid at least through the

service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '247 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '247 Patent.

51. By its actions, Defendant has injured Plaintiffs and is liable to Plaintiffs for infringement of the '247 Patent pursuant to 35 U.S.C. § 271.

52. By its actions, Defendant's infringement of the '247 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

53. By its actions, Defendant's infringement of the '247 Patent has damaged and continues to damage Plaintiffs in an amount yet to be determined.

54. Defendant's infringement of the '247 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

55. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

56. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

COUNT II – INFRINGEMENT OF THE '784 PATENT

57. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

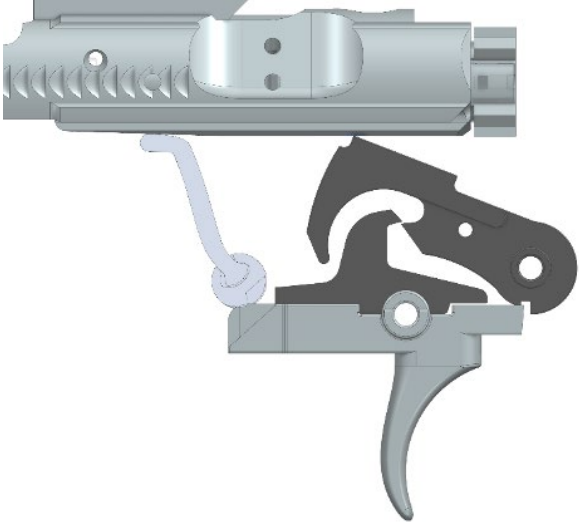
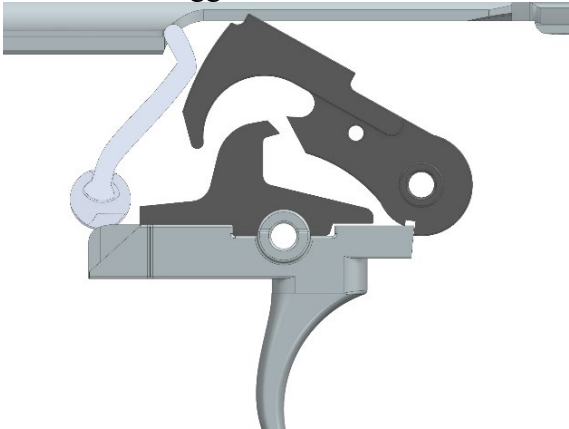
58. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '784 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '784 patent. Such unlicensed products include the Super Safety.

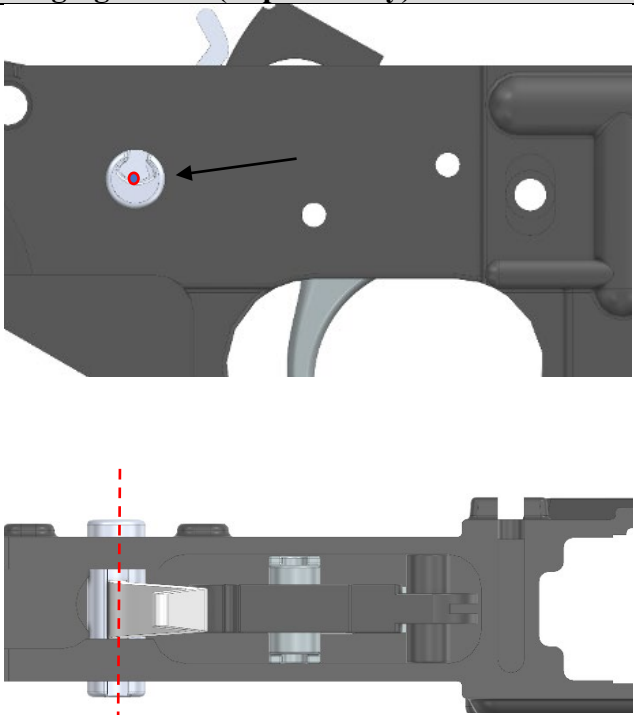
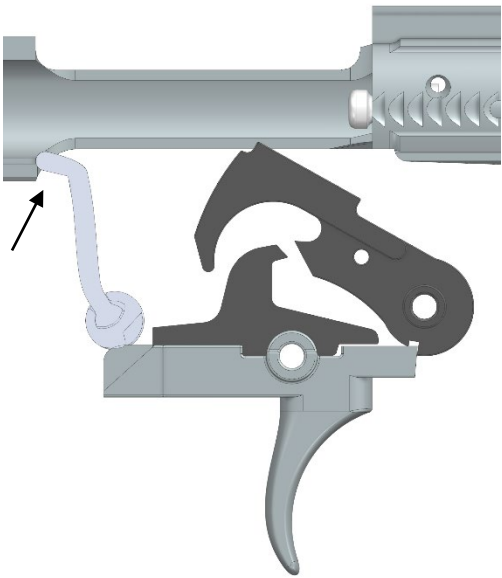
59. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '784 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents.

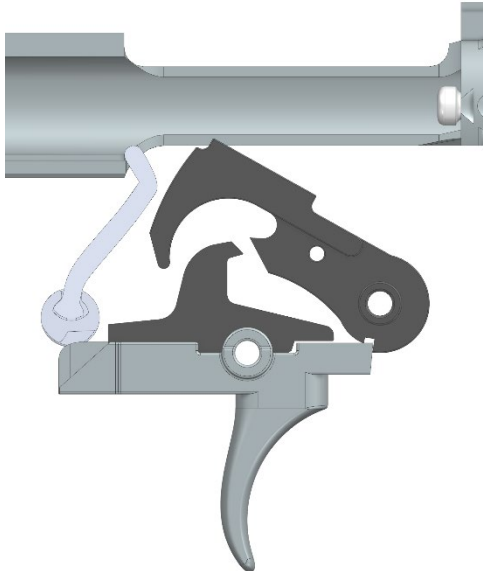
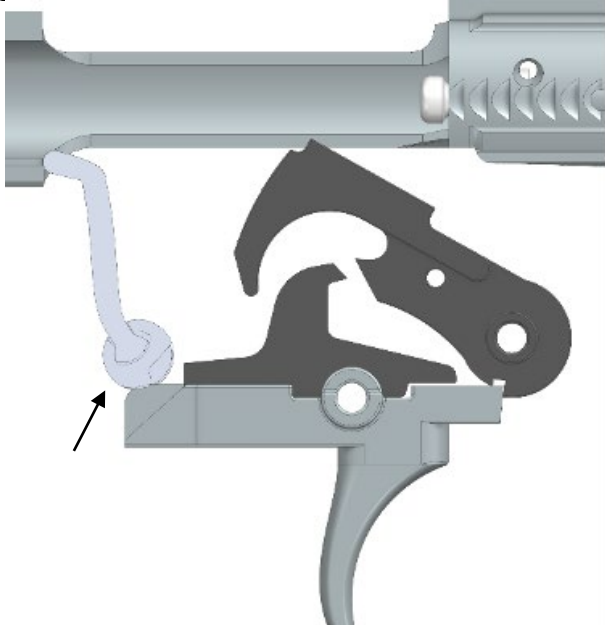
60. An exemplary comparison of the Super Safety, when assembled and used as intended, with claim 1 of the '784 Patent is illustrated in the chart below:

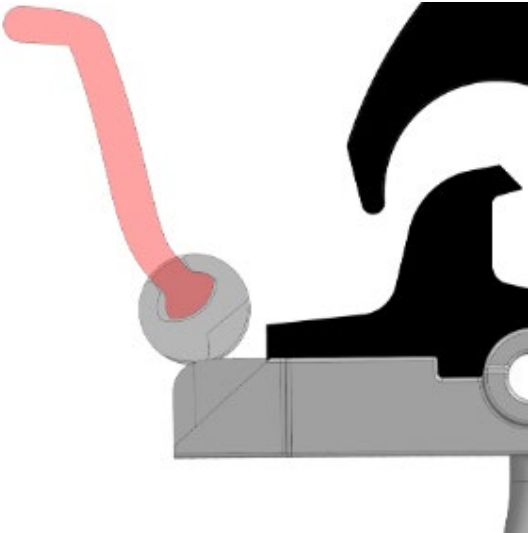
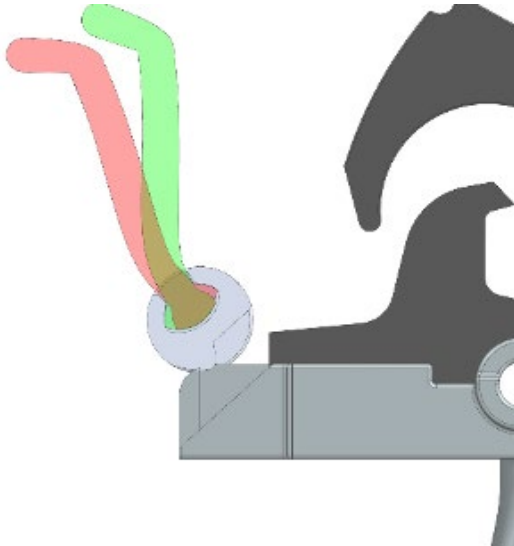
'784 Patent, Claim 1	Infringing Device (Super Safety)
1. In a forced reset trigger mechanism, an extended trigger member locking device, comprising:	When installed and used as directed, the Super Safety is part of a forced reset trigger mechanism and functions as an extended trigger member locking device.  https://fuddarms.com/products/super-safety

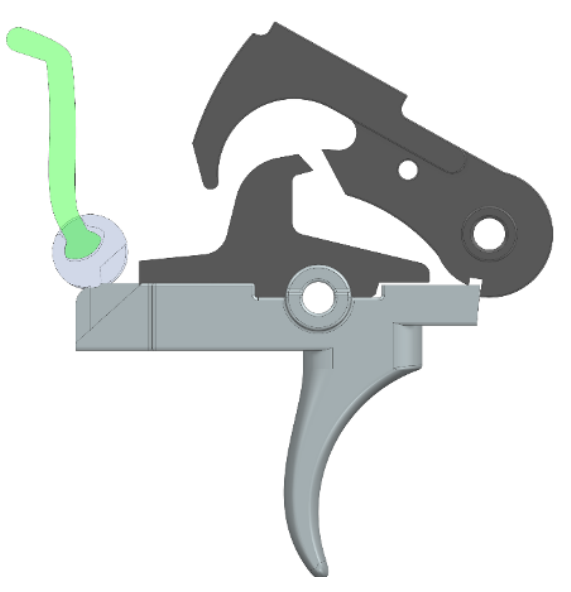
'784 Patent, Claim 1	Infringing Device (Super Safety)
	Super Safety Ex. J, Super Safety 3D Printed Active Trigger System v4.4, Hoffman Tactical (July 19, 2023) (“Super Safety Guide”) at 12 Super Safety Installed (Plaintiff-generated renderings of Super Safety here and below; Locking member and bolt carrier shown here and below in section view for clarity) “The Super Safety is a mechanism that actively resets the trigger of a firearm to allow the operator to fire again, quickly, and efficiently. The Super Safety has been designed to operate with AR-15 pattern firearms that use a mil-spec bolt carrier and fire control group.” Ex. J, Super Safety Guide at 1.

'784 Patent, Claim 1	Infringing Device (Super Safety)
a locking member that is movable between a first position in which it locks a trigger against pulling movement	The Super Safety operates as a locking member and has a first position in which the Super Safety locks the trigger member against pulling movement.  Locked First Position
and a second position where it does not restrict movement of the trigger member,	The Super Safety is moveable from the first position to a second position where it does not restrict movement of the trigger member.  Unlocked Second Position
the locking member configured to be movably supported by a frame	The Super Safety is movably (pivotally about the axis depicted below) supported by a frame (the lower receiver).

'784 Patent, Claim 1	Infringing Device (Super Safety)
	
and including a generally upward extension portion configured to make actuating contact with a surface of the bolt carrier,	The Super Safety has an upward extending portion (lever arm) configured to make actuating contact with a surface of the bolt carrier. 
such actuating contact causing the locking member to move from the first position to the second position,	The actuating contact causes the locking member to move from the first position to the second position.

'784 Patent, Claim 1	Infringing Device (Super Safety)
	 Unlocked Second Position
the locking member having a body portion that is movably supported	The Super Safety has a body portion that is movably supported by the lower receiver. 
and an upwardly extending deflectable portion that is separately movable relative to the body portion between an extended position	The Super Safety has an upwardly extending deflectable portion (lever arm). The dovetail connection is designed to allow separate movement of the lever arm relative to the body portion between one position (depicted in red) where it is extended and

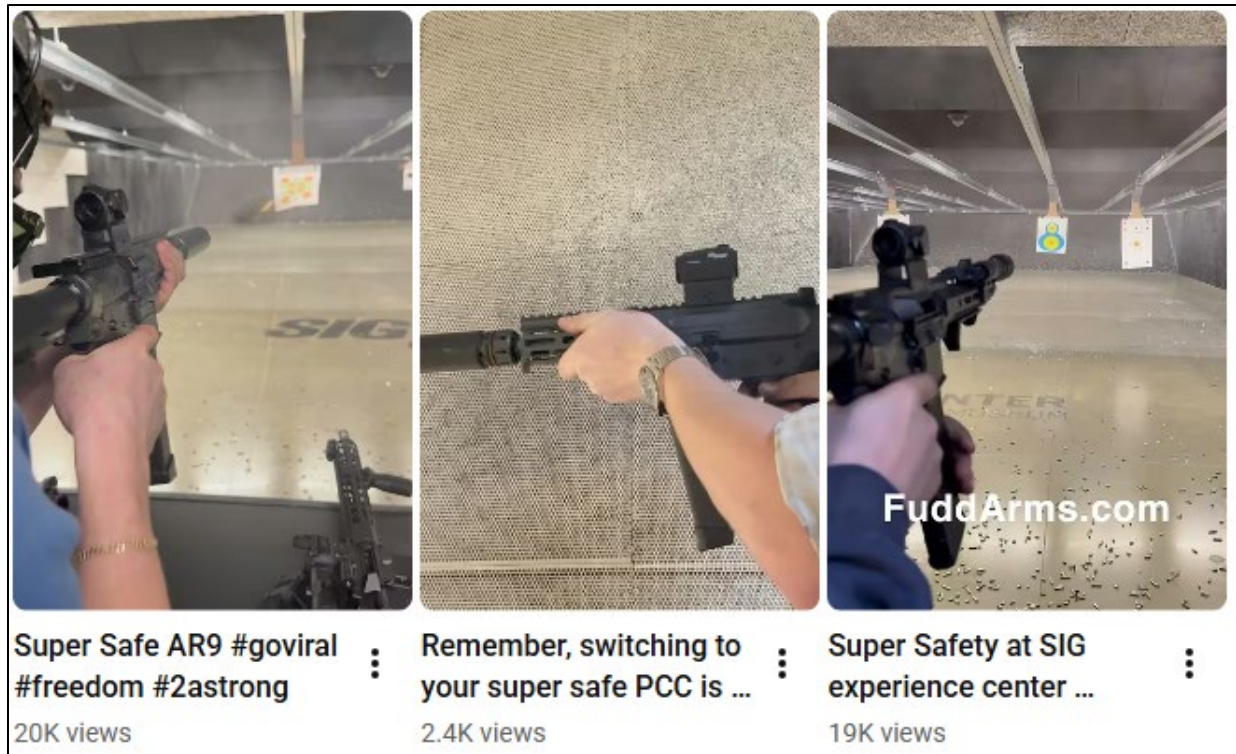
'784 Patent, Claim 1	Infringing Device (Super Safety)
	another position where it is deflected (depicted in green).  Below illustrates the upward extending deflectable portion's (lever arm) total separate travel with an overlay of the lever in both positions without the body portion moving.  “The dovetail joint does not immediately transfer torque from the lever to the cam. The lever pivots in the cam until the void is filled. Once the void is filled the hammer can transfer torque to the cam via the

'784 Patent, Claim 1	Infringing Device (Super Safety)
	upper and lower contact surfaces and. Note that the void, the lower contact surface, and the upper contact surface, are shown on arbitrary sides of the dovetail, these features may be on either side of the dovetail depending on which direction the lever is moving. The amount that the lever rotates in the dovetail before transferring torque to the cam is such that as the bolt carrier completes its forward movement, the cam rotates the neutral surface away from the cam follower and to a point where the cam follower begins to slide against the cam surface.” (reference numerals removed for clarity). Ex. J, Super Safety Guide at 4. https://www.scribd.com/document/843484122/Super-Safety-Documentation
and a deflected position.	The lever is now shown deflected independent of the body. 

61. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '784 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate direct infringement by others. Such active steps include, but are not limited to, installation of,

encouraging, advertising, promoting, and instructing others to use and/or how to use the Super Safety while selling products. One example of this is the promotional material found on Defendant's website (<https://www.youtube.com/@FuddArmsLLC>) that informs customers to install the Infringing Devices into an AR15:





62. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 1 of the '784 Patent.

63. On information and belief, Defendant also contributes to the infringement of the '784 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Super Safety, such as the cam or cam lever arm. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '784 Patent.

64. Defendant has engaged in egregious infringement behavior with knowledge of the '784 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant knows or should have known that its actions constituted and continue to constitute infringement of the '784 Patent and that the '784 Patent is valid at least through the

service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '784 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '784 Patent.

65. By its actions, Defendant has injured Plaintiffs and is liable to Plaintiffs for infringement of the '784 Patent pursuant to 35 U.S.C. § 271.

66. By its actions, Defendant's infringement of the '784 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

67. By its actions, Defendant's infringement of the '784 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

68. Defendant's infringement of the '784 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

69. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

70. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

COUNT III — INFRINGEMENT OF THE '538 PATENT

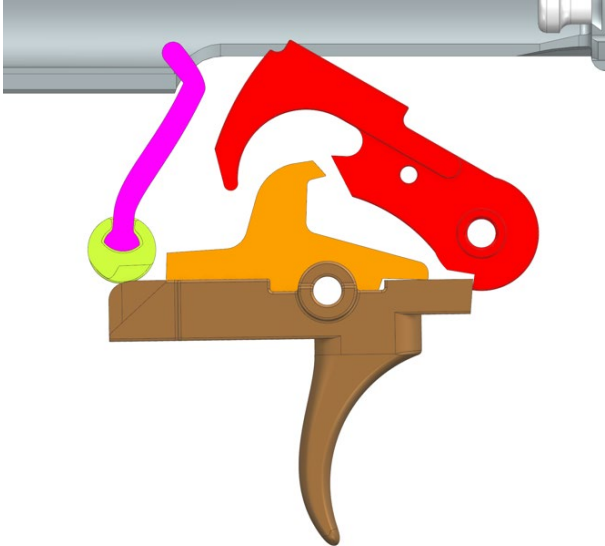
71. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

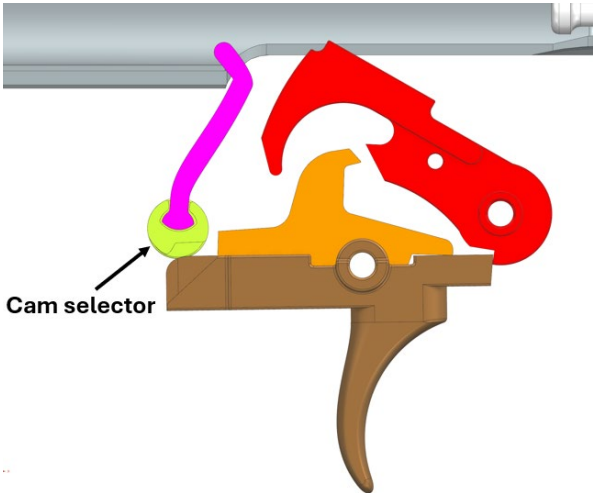
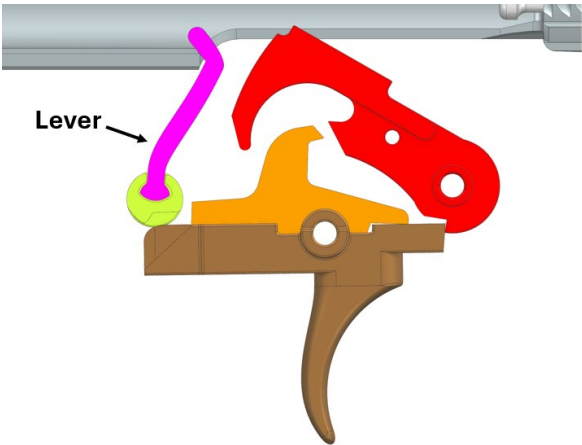
72. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '538 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '538 patent. Such unlicensed products include the Super Safety.

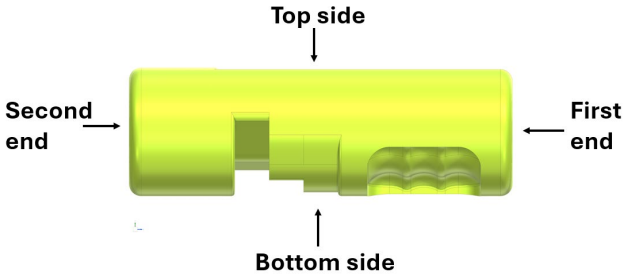
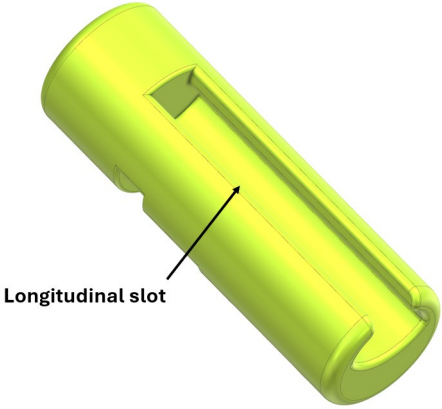
73. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '538 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents.

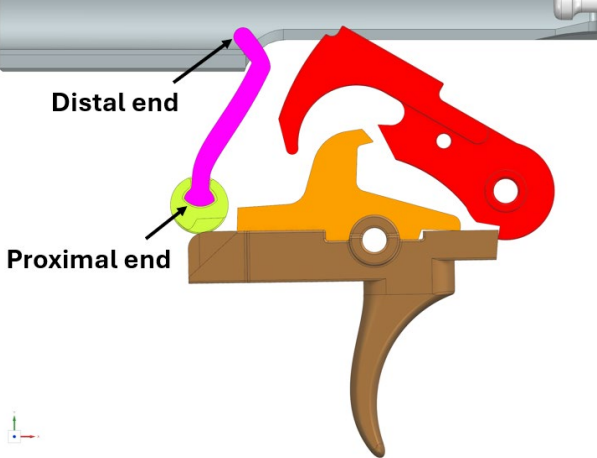
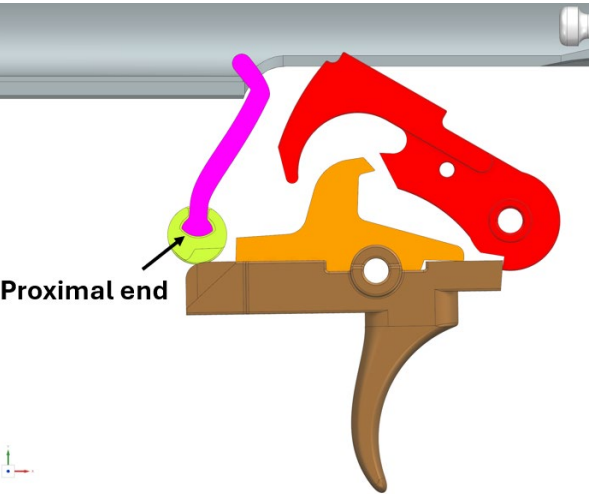
74. An exemplary comparison of the Super Safety, when assembled and used as intended, with claim 1 of the '538 Patent is illustrated in the chart below:

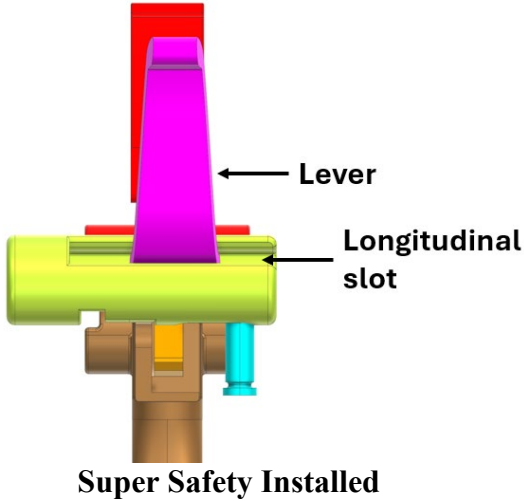
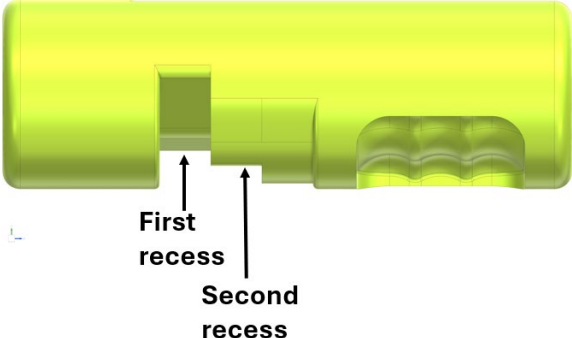
'538 Patent, Claim 1	The Super Safety
1. A safety mechanism for a firearm comprising:	The Super Safety is part of a trigger mechanism installed into a firearm receiver in place of a standard safety.  https://fuddarms.com/products/super-safety

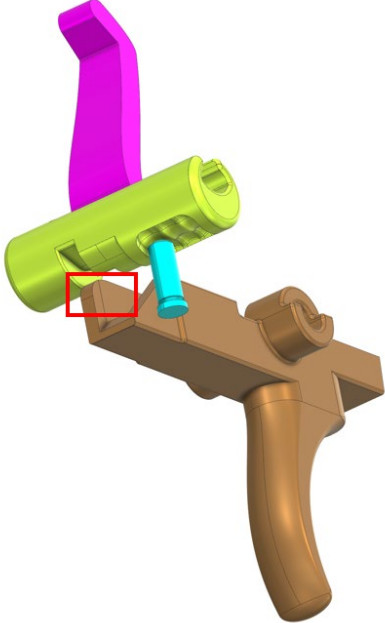
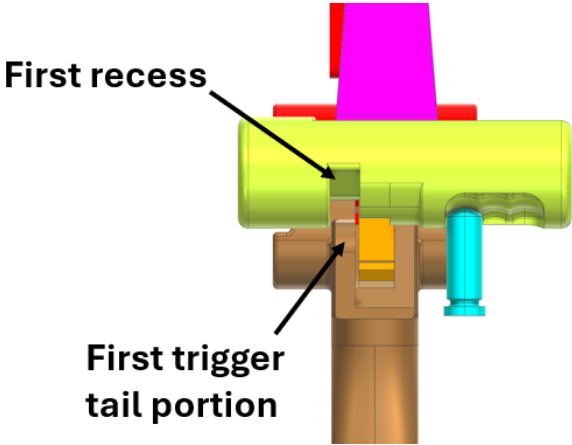
'538 Patent, Claim 1	The Super Safety
	 (Super Safety) Ex. J, Super Safety 3D Printed Active Trigger System v4.4, Hoffman Tactical (July 19, 2023) (“Super Safety Guide”) at 12.  Super Safety Installed (Plaintiff-generated renderings of Super Safety here and below; cam selector and bolt carrier shown in section view for clarity)
a cam selector;	The Super Safety includes a dual mode cam selector that allows for selection of safe, active reset, and passive reset modes.

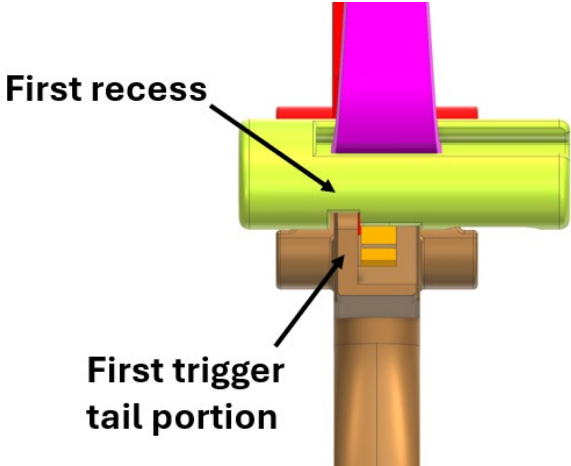
'538 Patent, Claim 1	The Super Safety
	 Dual Mode Cam Selector Ex. J, Super Safety Guide at 1  Cam selector
a lever;	The Super Safety has a lever (pink) extending upward from the cam selector.  Lever
a trigger;	The cam selector operates on a trigger. (brown)

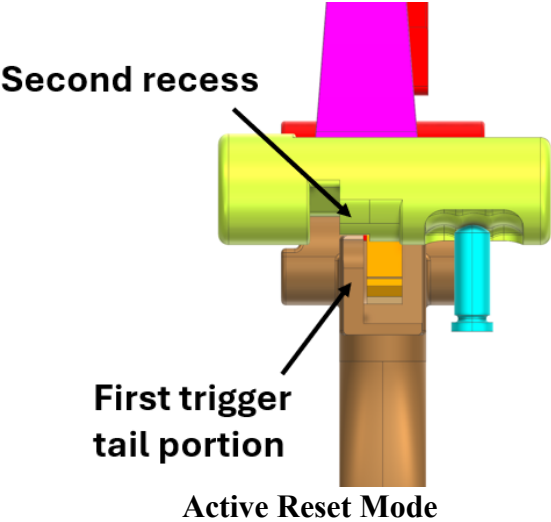
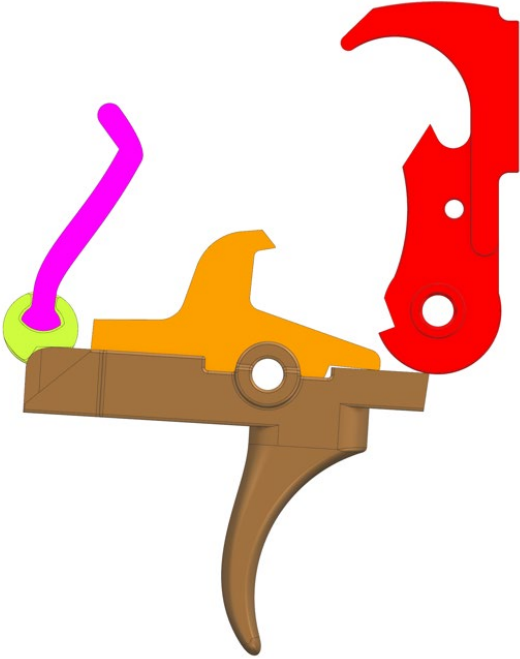
'538 Patent, Claim 1	The Super Safety
	
the cam selector comprising a first end, a second end, a top side, and a bottom side;	The Super Safety dual mode cam selector has two ends, a top side, and a bottom side as illustrated below. 
the cam selector comprising a longitudinal slot positioned on the top side of the cam selector;	The Super Safety dual mode cam selector comprises a longitudinal slot that is positioned on the top side and extends along the cam selector. 
the lever comprising a proximal end and a distal end;	The Super Safety lever (pink) has a proximal end and a distal end, as illustrated below.

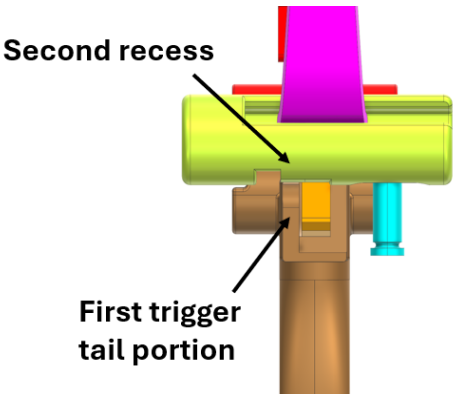
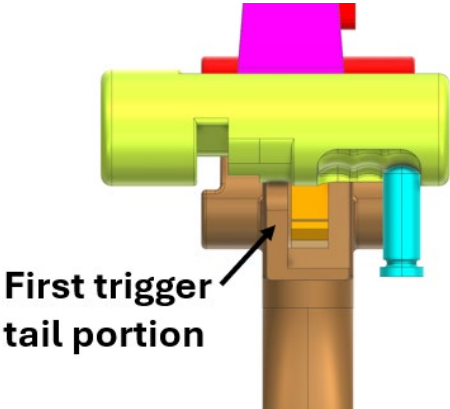
'538 Patent, Claim 1	The Super Safety
	
the longitudinal slot being configured to receive the proximal end of the lever;	The longitudinal slot on the top side of the cam selector (yellow) is configured to receive the proximal end of the lever (pink).  Ex. J, Super Safety Guide at 12 

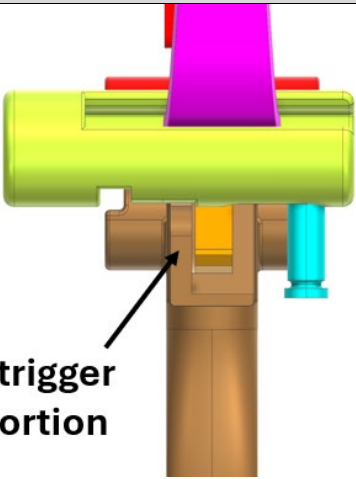
'538 Patent, Claim 1	The Super Safety
	 Super Safety Installed
the cam selector further comprising a first recess and a second recess on the bottom side of the cam selector;	The Super Safety dual mode cam selector has a first recess and a second recess on the bottom side of the cam.  First recess Second recess
the trigger comprising a first trigger tail portion;	The Super Safety dual mode trigger has a first trigger tail portion, shown in the red box below.  Ex. J, Super Safety Guide at 10.

'538 Patent, Claim 1	The Super Safety
	
the cam selector being configured to operate between a first mode, a second mode, and a third mode;	The Super Safety dual mode cam is operable in three modes: (1) passive reset (standard semi-automatic) (2) active reset, and (3) safe. Ex. J, Super Safety Guide at 1.
wherein the first mode of the cam selector is configured to allow the first trigger tail portion to be movable within the first recess,	The Super Safety dual mode cam selector is operable in standard semi-automatic mode, in which the first trigger tail aligns with the first recess of the cam.  First recess First trigger tail portion Standard Semi-Automatic Mode When the cam selector is in the first mode, the first trigger tail portion is movable within the first recess of the cam.

'538 Patent, Claim 1	The Super Safety
	 Super Safety Installed   First recess First trigger tail portion Super Safety Installed, Trigger Pulled, Lever and Cam Rotated

'538 Patent, Claim 1	The Super Safety
wherein the second mode of the cam selector is configured to allow the first trigger tail portion to engage the second recess and be moved down by a cam portion of the second recess when the cam selector rotates,	The Super Safety dual mode cam selector is operable in active reset mode, in which the first trigger tail aligns with the second recess of the cam.  Active Reset Mode In the second mode, when the cam is rotated by the lever, the cam selector portion of the second recess moves the first trigger tail portion down.  Super Safety Installed, Trigger Pulled

'538 Patent, Claim 1	The Super Safety
	 Super Safety Installed, Lever and Cam Rotated 
and wherein the third mode of the cam selector is configured to prevent the trigger from being pulled.	The Super Safety dual mode cam is operable in safe mode, in which the first trigger tail portion does not align with a recess in the cam. The trigger is not movable within a recess of the cam, and the cam therefore prevents the trigger from being pulled. 

'538 Patent, Claim 1	The Super Safety
	 First trigger tail portion

75. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '538 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate direct infringement by others. Such active steps include, but are not limited to, installation of, encouraging, advertising, promoting, and instructing others to use and/or how to use the Super Safety while selling products. One example of this is the promotional material found on Defendant's website (<https://www.youtube.com/@FuddArmsLLC>) that informs customers to install the Infringing Devices into an AR15:



Super Safe AR9 #goviral
#freedom #2astrong
20K views



2.4K views



Super Safety at SIG
experience center ...
19K views

76. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 1 of the '538 Patent.

77. On information and belief, Defendant also contributes to the infringement of the '538 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Super Safety, such as the cam or cam lever arm. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '538 Patent.

78. Defendant has engaged in egregious infringement behavior with knowledge of the '538 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '538 Patent and that the '538 Patent is valid at least through the service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '538 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '538 Patent.

79. By its actions, Defendant has injured Plaintiffs and are liable to Plaintiffs for infringement of the '538 Patent pursuant to 35 U.S.C. § 271.

80. By its actions, Defendant's infringement of the '538 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

81. By its actions, Defendant's infringement of the '538 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

82. Defendant's infringement of the '538 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

83. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

84. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

COUNT IV — INFRINGEMENT OF THE '159 PATENT

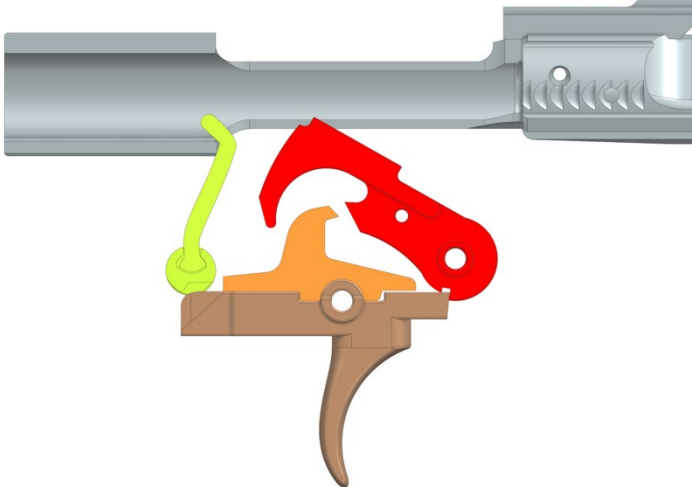
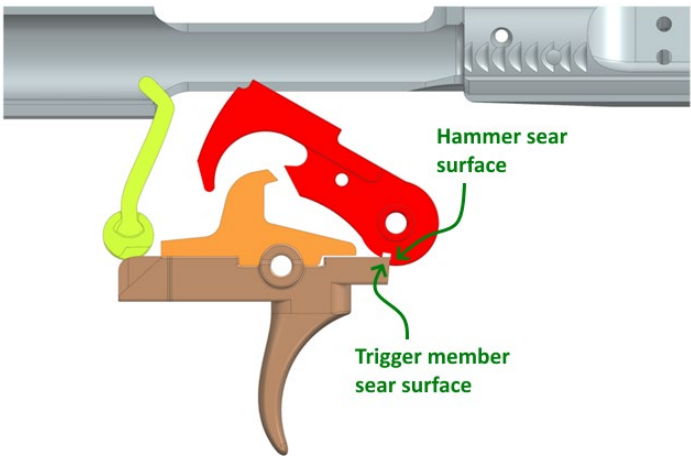
85. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

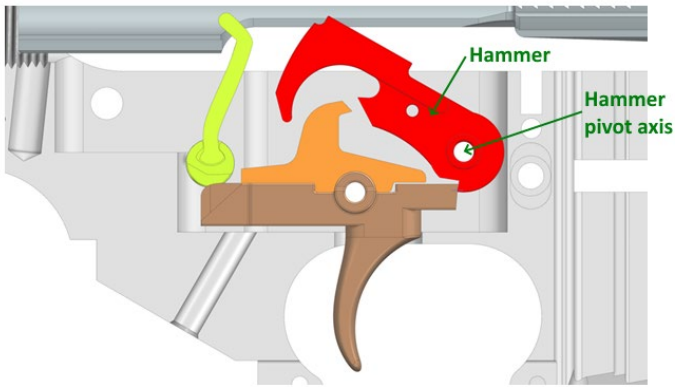
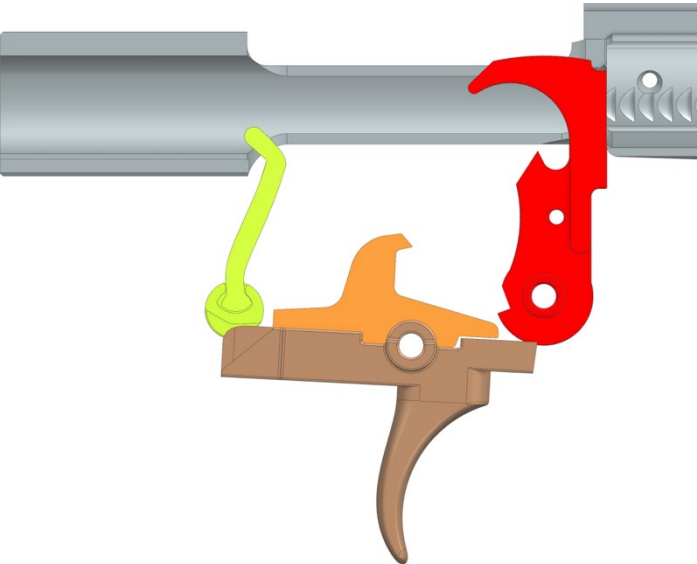
86. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '159 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '159 patent. Such unlicensed products include the Super Safety.

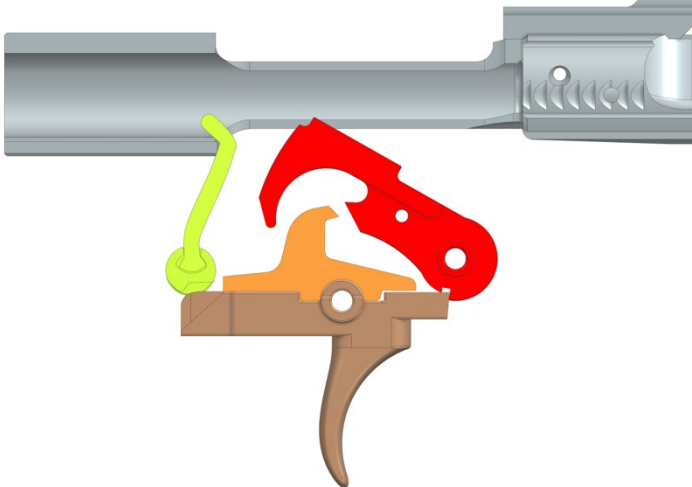
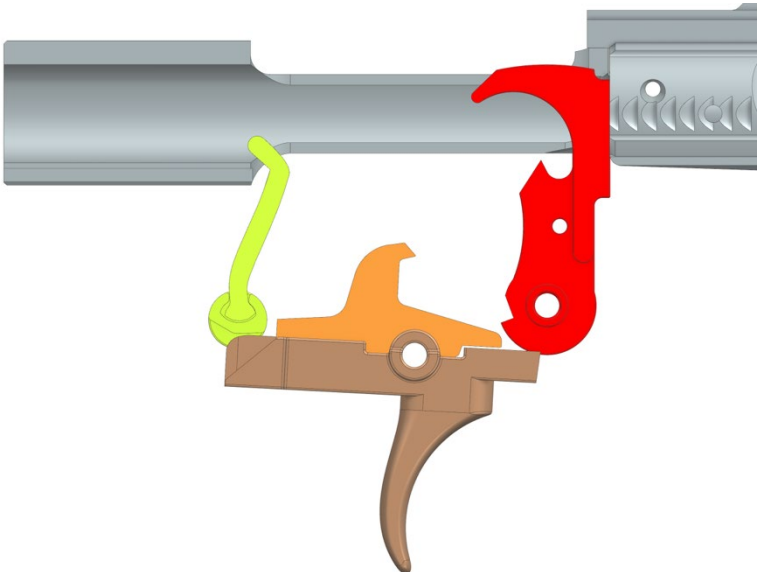
87. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '159 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents.

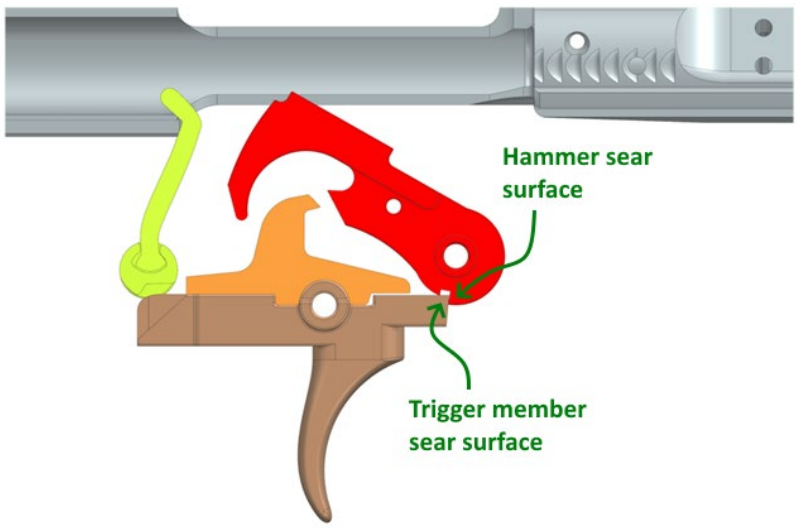
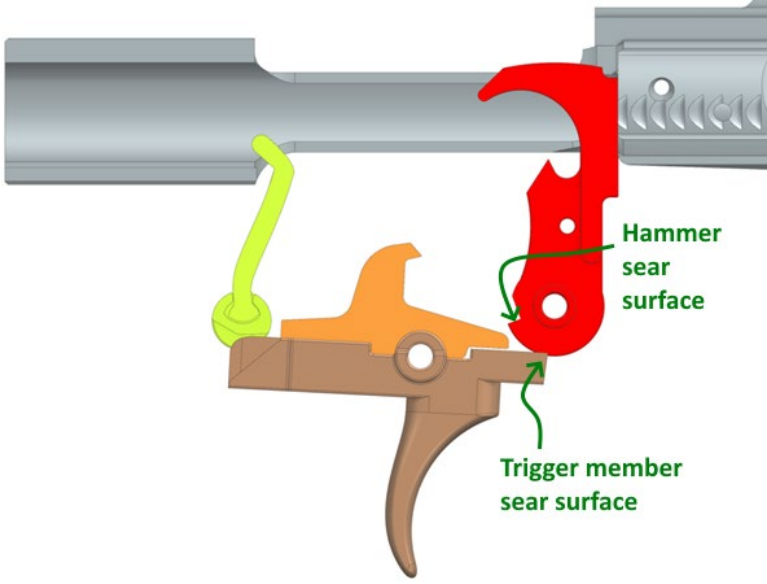
88. An exemplary comparison of the Super Safety, when assembled and used as intended, with claim 1 of the '159 Patent is illustrated in the chart below:

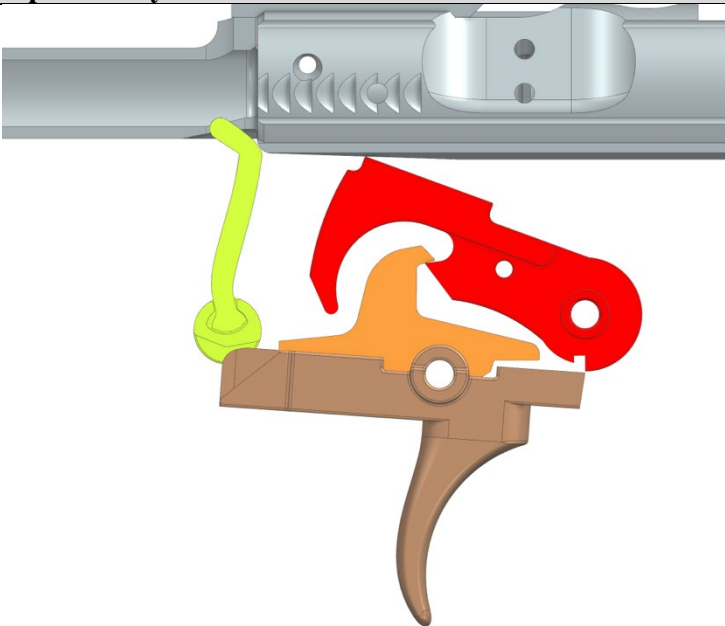
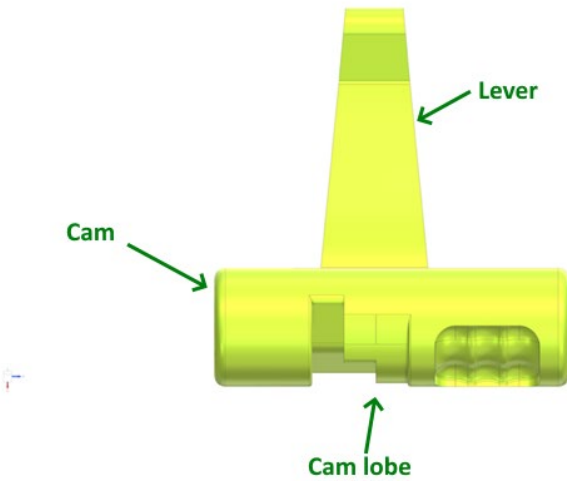
'159 Patent, Claim 1	The Super Safety
1. A firearm trigger mechanism for a firearm having a fire control mechanism pocket and a reciprocating bolt means, the trigger mechanism operable in a first, standard semi-automatic mode and in a second, forced reset semi-automatic mode, the mechanism comprising:	When installed and used as directed, the Super Safety is part of a trigger mechanism that uses a bolt means. With the Super Safety installed, the trigger mechanism operates in a standard semi-automatic mode and a “forced reset” semi-automatic mode https://fuddarms.com/products/super-safety Super Safety Ex. J, Super Safety 3D Printed Active Trigger System v4.4, Hoffman Tactical (July 19, 2023) (“Super Safety Guide”) at 12

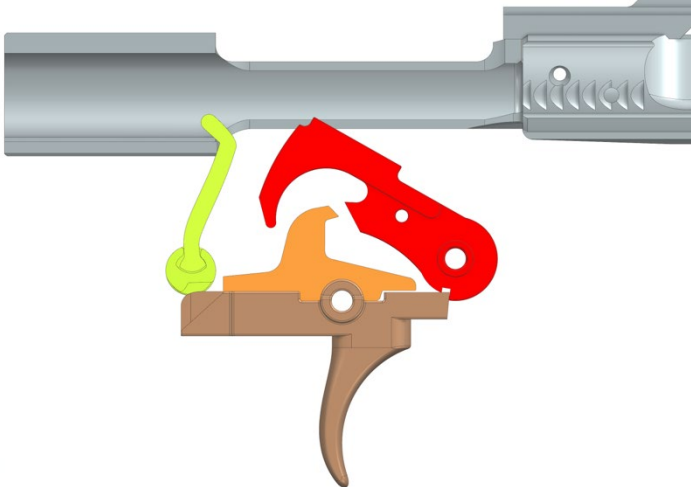
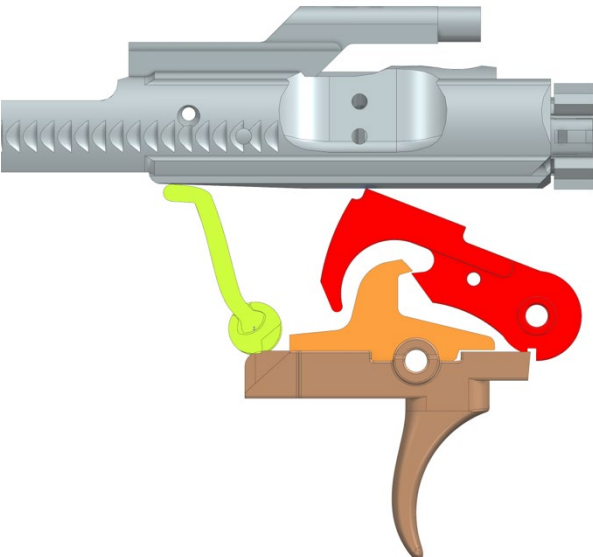
'159 Patent, Claim 1	The Super Safety
	 Super Safety (Installed) (Plaintiff-generated renderings of the Super Safety here and below)
a hammer having a sear surface and a hook for engaging a disconnector and adapted to be mounted in a fire control mechanism pocket of a receiver	The Super Safety (yellow) is installed in a fire control mechanism pocket of a receiver along with a hammer (red) that has a sear surface and a hook for engaging a disconnector (orange).  Super Safety (Installed)
to pivot on a transverse hammer pivot axis between set and released positions, the hammer adapted to be pivoted rearward by rearward movement of a bolt means,	The hammer (red) pivots on a transverse hammer pivot axis between set and released positions, depicted below. The hammer is adapted to be pivoted rearward by rearward movement of a bolt means.

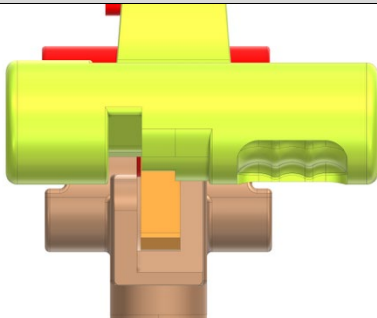
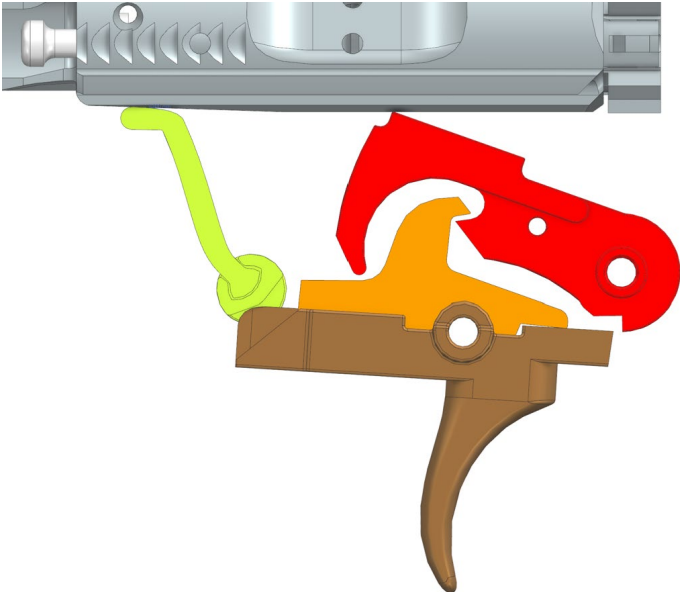
'159 Patent, Claim 1	The Super Safety
	 Hammer Set Position  Hammer Released Position
a trigger member having a trigger sear surface and adapted to be mounted in the fire control mechanism pocket to pivot on a transverse trigger member pivot axis	The Super Safety (yellow) is installed with a trigger member (brown) in the fire control mechanism pocket and the trigger member pivots on a transverse trigger member pivot axis between set and released positions. The trigger member has a sear surface.

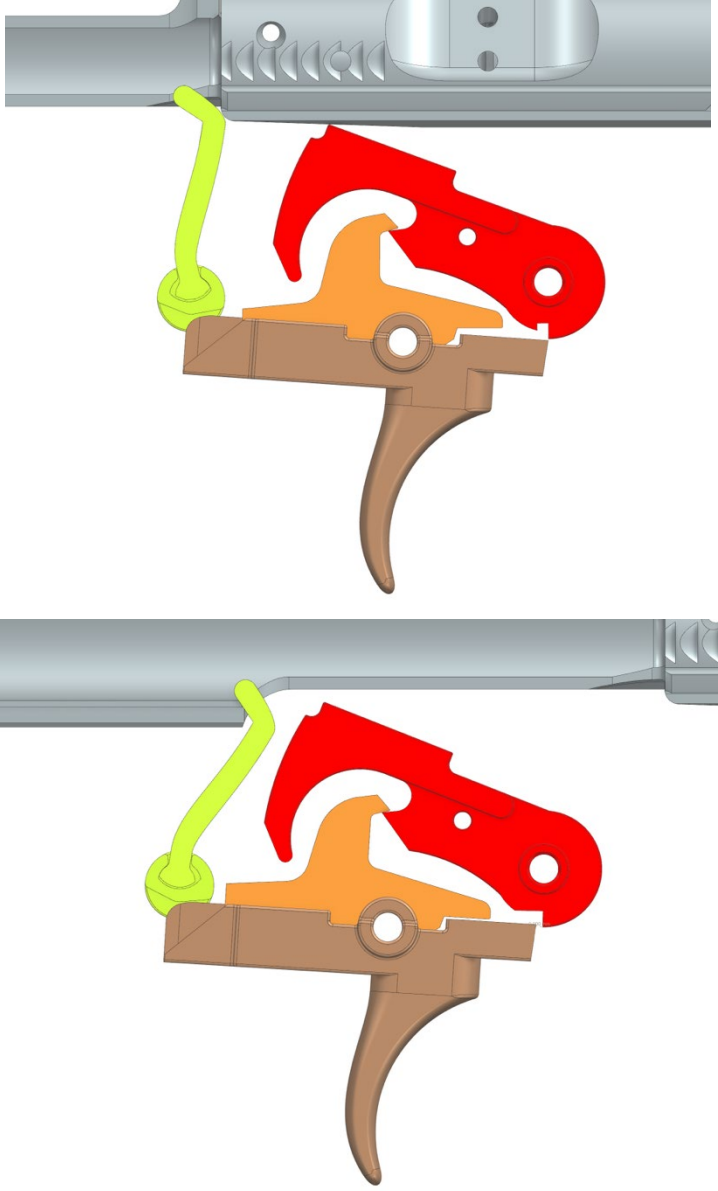
'159 Patent, Claim 1	The Super Safety
between set and released positions,	 Trigger Member Set Position  Trigger Member Released Position
wherein the trigger member sear surface and hammer sear surface are in engagement in the set positions of the hammer and trigger member	The sear surface of the trigger member (brown) and sear surface of the hammer (red) are in engagement when the hammer and trigger member are in their set positions.

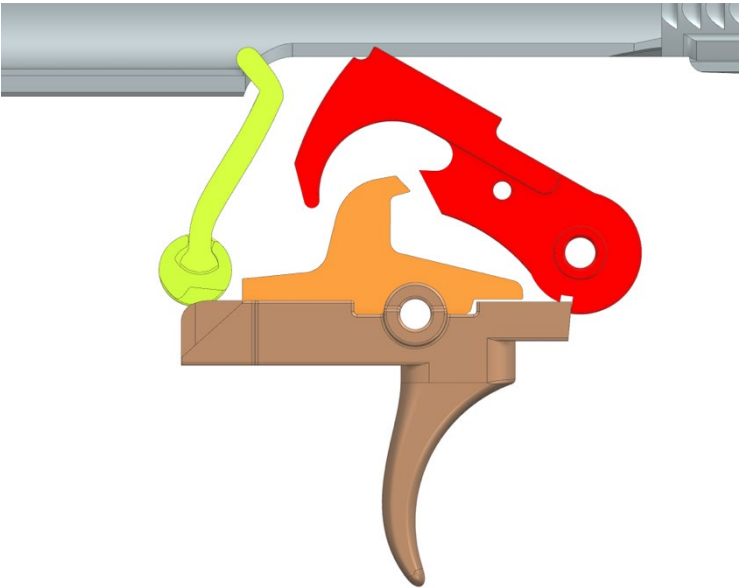
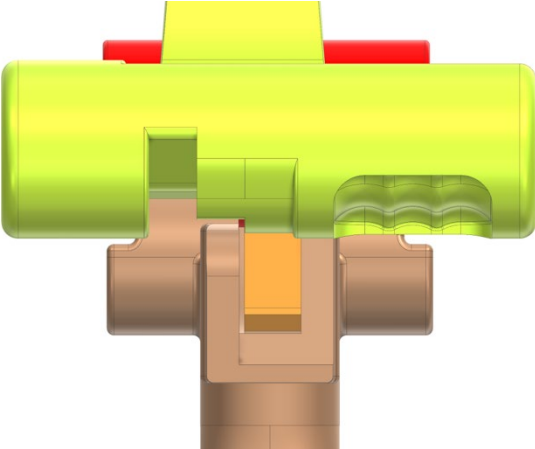
'159 Patent, Claim 1	The Super Safety
	 Trigger Member and Hammer Member Set Position
and are out of engagement in the released positions of the hammer and trigger member,	The sear surface of the trigger member (brown) and sear catch surface of the hammer (red) are out of engagement in the released position.  Trigger Member and Hammer Member Released Positions
the disconnecter having a hook for engaging the hammer and adapted to be mounted in the fire control mechanism pocket to pivot on a	The disconnecter (orange) is adapted to be mounted in the fire control mechanism pocket to pivot on a transverse disconnecter pivot axis. The disconnecter has a hook for engaging the hammer (red).

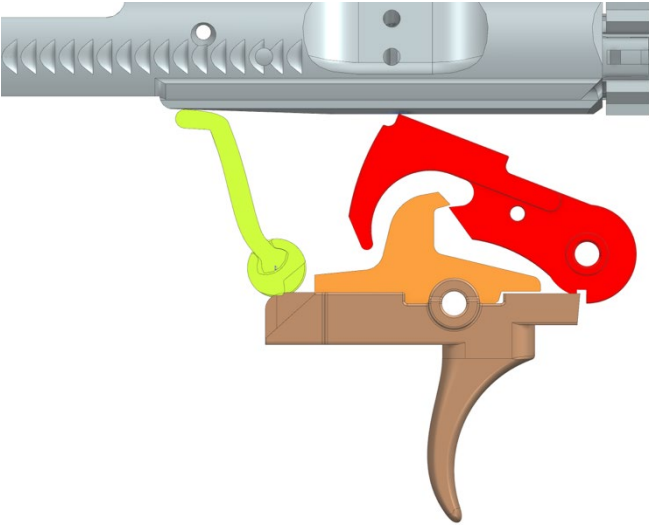
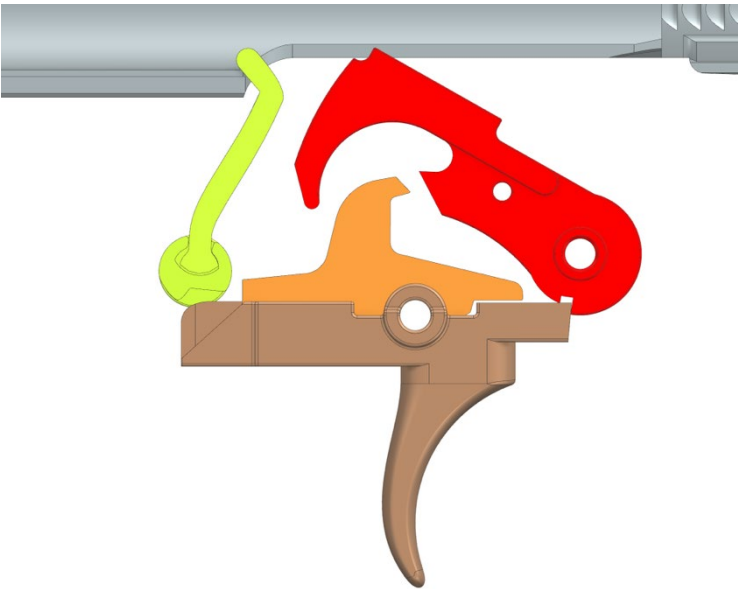
'159 Patent, Claim 1	The Super Safety
transverse disconnecter pivot axis, and	 Disconnecter Hook Engaged
a cam having a cam lobe and adapted to be movably mounted in the fire control mechanism pocket,	The Super Safety has a cam with a cam lobe and lever that is adapted to be movably mounted in the fire control mechanism pocket. (See image above depicting Super Safety, shown in yellow, in fire control mechanism pocket)  Super Safety Cam with Lobe and Lever
the cam being movable between a first position and a second position, in the second position the cam lobe forces the	The cam is movable between a first position and a second position.

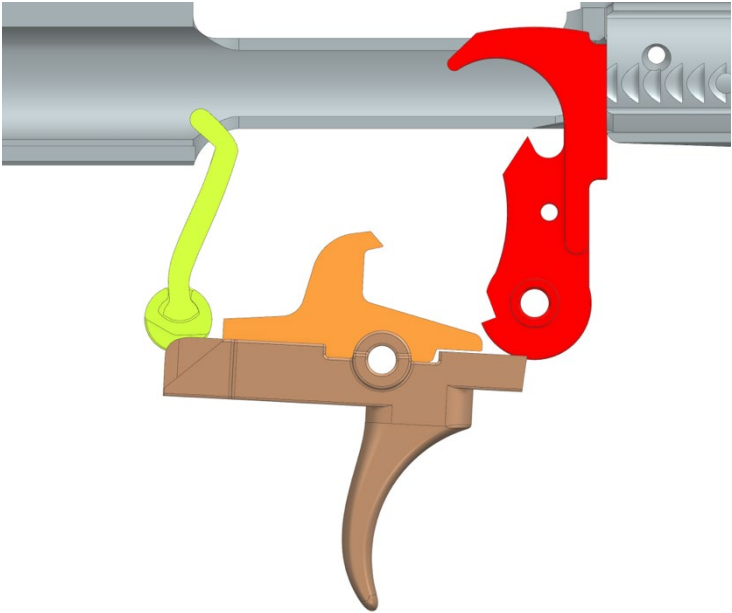
'159 Patent, Claim 1	The Super Safety
trigger member toward the set position,	 Cam and Lobe First Position In the second position, the cam lobe mechanically moves the trigger member (brown) toward the set position when the cam is in the “forced reset” semi-automatic mode.  Cam and Lobe Second Position
whereupon in the first mode,	While in the first (standard semi-automatic) mode,

'159 Patent, Claim 1	The Super Safety
	
rearward movement of the bolt means causes rearward pivoting of the hammer such that the disconnecter hook catches the hammer hook,	. . . rearward movement of the bolt means causes rearward pivoting of the hammer (red) such that the disconnecter (orange) hook catches the hammer hook.  Disconnecter Hook Catches the Hammer
and thereafter the bolt means moves forward into battery,	Thereafter, the bolt means moves forward into battery,

'159 Patent, Claim 1	The Super Safety
	 Pressure on Trigger Member Prevents Reset
at which time a user must manually reduce pressure on the trigger member to free the hammer from the disconnecter to permit the hammer and trigger member to pivot to the set positions so that the user can pull the trigger	... at which time a user must manually reduce pressure on the trigger member (brown) to free the hammer (red) from the disconnecter (orange) to permit the hammer and trigger member to pivot to the set positions so that the user can pull the trigger member to fire the firearm.

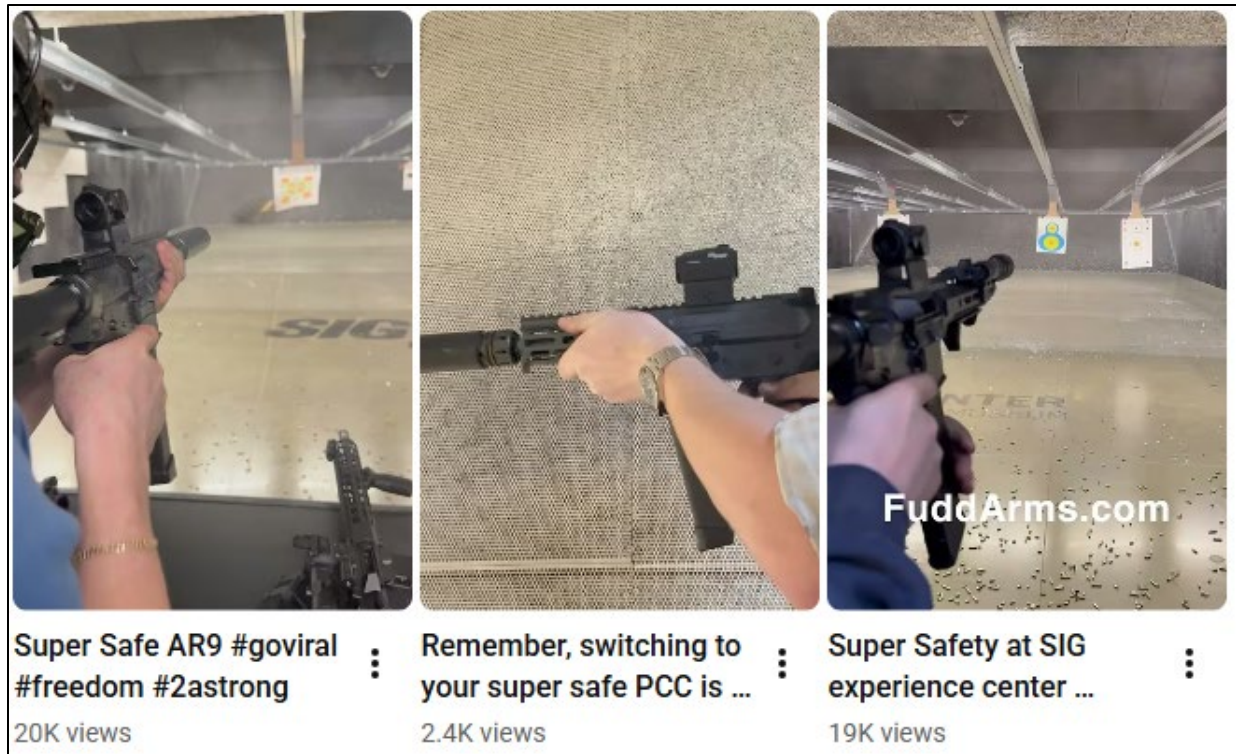
'159 Patent, Claim 1	The Super Safety
member to fire the firearm, and	 Reduced Pressure on Trigger Member Allows Reset
whereupon in a second mode, rearward movement of the bolt means causes rearward pivoting of the hammer such that the disconnector hook is prevented from holding the hammer,	When in the second (“forced reset” semi-automatic) mode,  ... rearward movement of the bolt means causes rearward pivoting of the hammer (red) and the cam to mechanically move the trigger member toward the reset position such that the disconnector (orange) hook is prevented from holding the hammer hook.

'159 Patent, Claim 1	The Super Safety
	
and thereafter the bolt means moves forward into battery, at which time the user can pull the trigger member to fire the firearm.	Thereafter, the bolt means moves forward into battery and the hammer moves to its reset position,  ... at which time the user can pull the trigger member (brown) to fire the firearm without having to first release pressure on the trigger member.

'159 Patent, Claim 1	The Super Safety
	

89. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '159 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate direct infringement by others. Such active steps include, but are not limited to, installation of, encouraging, advertising, promoting, and instructing others to use and/or how to use the Super Safety while selling products. One example of this is the promotional material found on Defendant's website (<https://www.youtube.com/@FuddArmsLLC>) that informs customers to install the Infringing Devices into an AR15:





90. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 1 of the '159 Patent.

91. On information and belief, Defendant also contributes to the infringement of the '159 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Super Safety, such as the cam or cam lever arm. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '159 Patent.

92. Defendant has engaged in egregious infringement behavior with knowledge of the '159 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '159 Patent and that the '159 Patent is valid at least through the

service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '159 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '159 Patent.

93. By its actions, Defendant has injured Plaintiffs and are liable to Plaintiffs for infringement of the '159 Patent pursuant to 35 U.S.C. § 271.

94. By its actions, Defendant's infringement of the '159 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

95. By its actions, Defendant's infringement of the '159 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

96. Defendant's infringement of the '159 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

97. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

98. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

COUNT V — INFRINGEMENT OF THE '223 PATENT

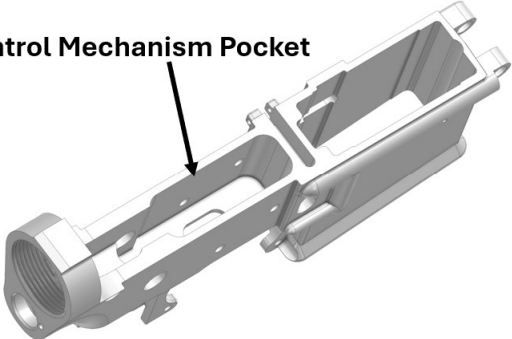
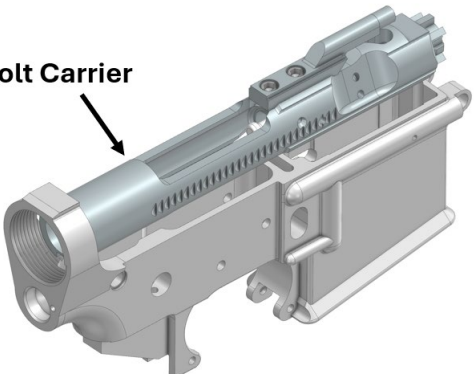
99. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

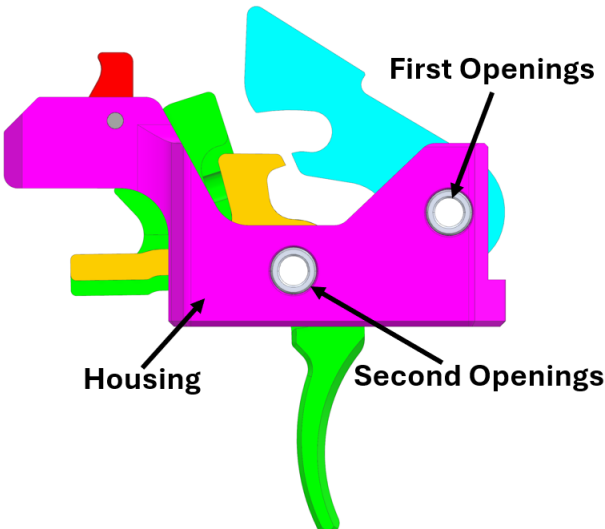
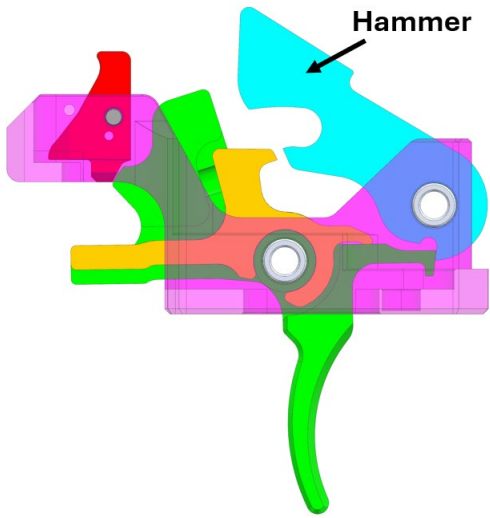
100. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '223 patent, including but not limited to claim 4, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '223 patent. Such unlicensed products include the Disruptor.

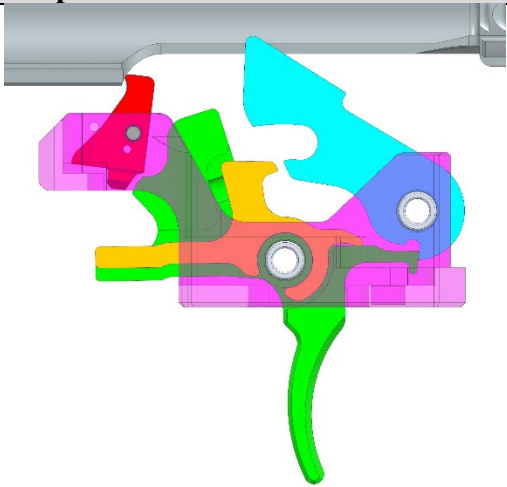
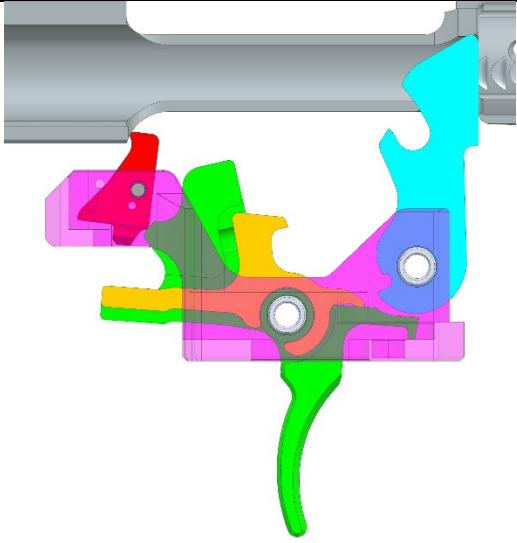
101. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '223 patent, including but not limited to claim 4, literally and/or under the doctrine of equivalents.

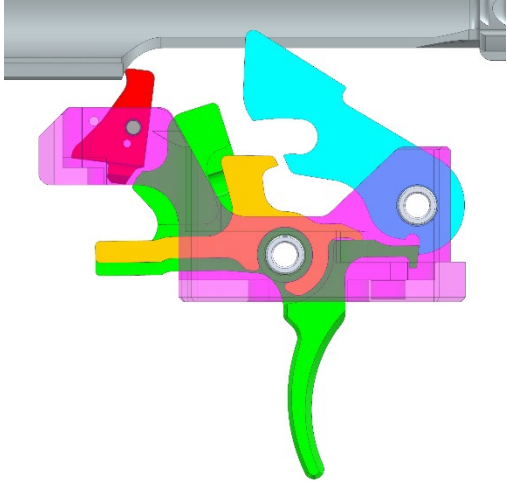
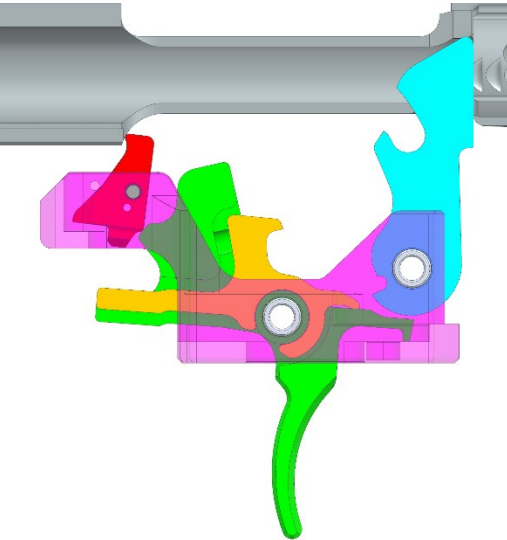
102. An exemplary comparison of the Disruptor, when assembled and used as intended, with claim 4 of the '223 Patent is illustrated in the chart below:

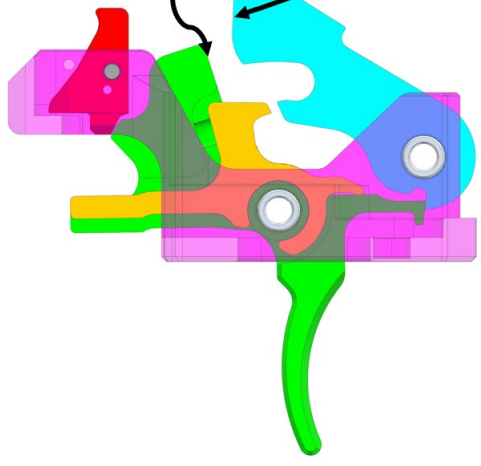
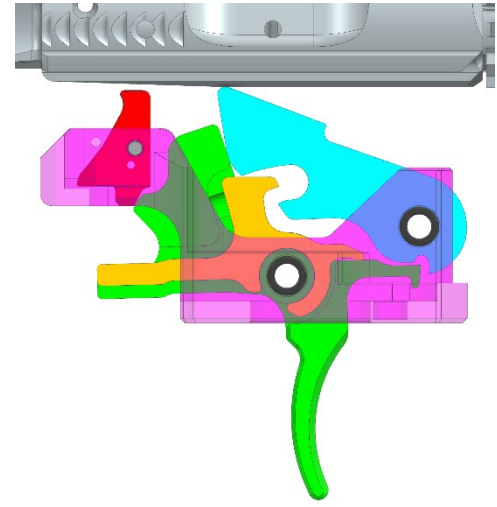
'223 Patent, Claim 4	The Disruptor
4. For a firearm having a receiver with a fire control mechanism pocket, assembly pin openings in side walls of the pocket,	The Disruptor is for an AR-pattern firearm, which has a lower receiver with a fire control pocket and assembly pin openings in side walls of the pocket. 

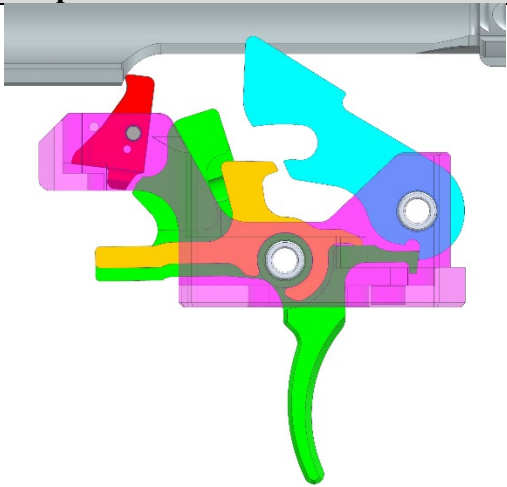
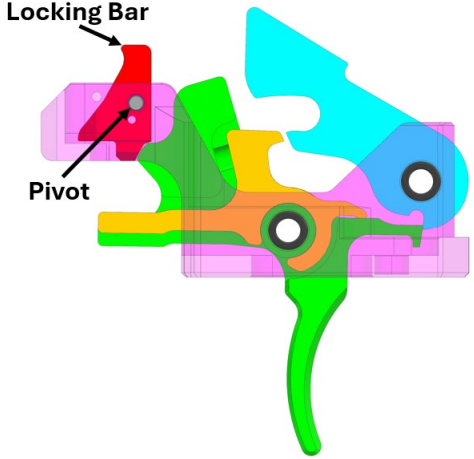
'223 Patent, Claim 4	The Disruptor
and a bolt carrier that reciprocates and pivotally displaces a hammer when cycled, a trigger mechanism, comprising:	https://fuddarms.com/products/ar-15 Fire Control Mechanism Pocket  An AR-pattern firearm has a bolt carrier that reciprocates and pivotally displaces a hammer when cycled. Bolt Carrier 
a housing having transversely aligned pairs of openings for receiving hammer and trigger assembly pins;	The Disruptor includes a housing with transversely aligned pairs of openings for receiving hammer and trigger assembly pins. Hammer and trigger pins 

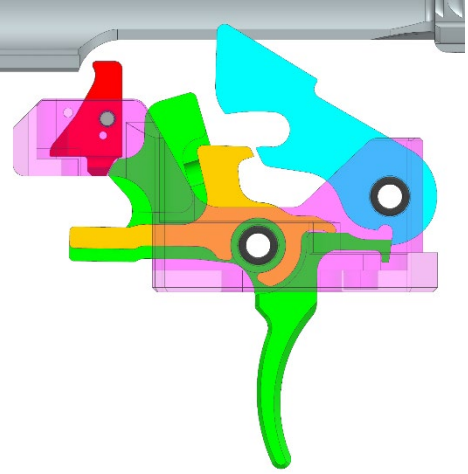
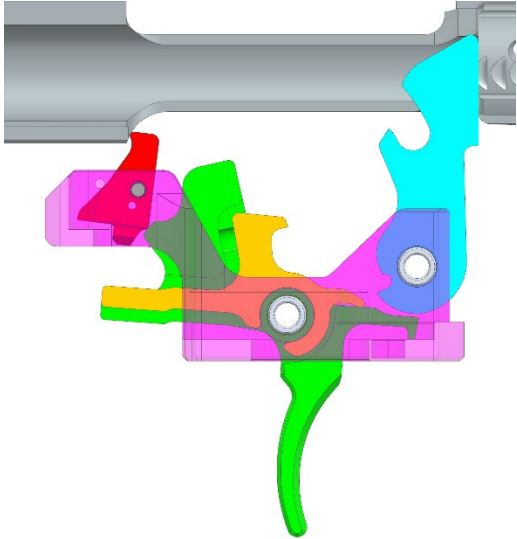
'223 Patent, Claim 4	The Disruptor
	 (Plaintiff-generated renderings of the Disruptor here and below)
a hammer having a sear notch and mounted in the housing to pivot on a transverse axis between set and	The Disruptor includes a hammer (blue) with a sear notch and is mounted in the housing to pivot on a transverse axis. 

'223 Patent, Claim 4	The Disruptor
	 Set Position
released positions;	 Released Position
a trigger member having a sear and mounted in the housing to pivot on a transverse axis	The Disruptor has a trigger member (green) that has a sear and is mounted in a housing to pivot on a transverse axis.

'223 Patent, Claim 4	The Disruptor
between set	 Set Position
and released positions, the trigger member having a surface positioned to be contacted by the hammer when the hammer is displaced by the bolt carrier when cycled,	 Released Position The trigger member (green) has a surface positioned to be contacted by a surface of the hammer (blue)

'223 Patent, Claim 4	The Disruptor
the contact causing the trigger member to be forced to the set position;	Trigger Surface Hammer Surface  The hammer (blue) pivots rearward causing the trigger (green) to be mechanically moved to the set position. 

'223 Patent, Claim 4	The Disruptor
	
a locking bar pivotally mounted in the housing	The Disruptor includes a locking bar (red) that is pivotally mounted in the housing. 
and spring biased toward a first position in which the locking bar mechanically blocks the trigger member from moving to the released position,	The locking bar is spring biased toward a first position in which the locking bar mechanically blocks the trigger member from moving to the released position.

'223 Patent, Claim 4	The Disruptor
and movable against the spring bias to a second position when contacted by the bolt carrier reaching a substantially in-battery position in which the trigger member can be moved by an external force to the released position.	 First position mechanically blocked The locking bar is movable against the spring bias to a second position when contacted by the bolt carrier reaching a substantially in-battery position. In this position, the trigger member can be moved by an external force (pull by the trigger finger) to the released position. 

103. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '223 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate

direct infringement by others. Such active steps include, but are not limited to, encouraging, advertising, promoting, and instructing others to use and/or how to use the Disruptor while selling products.

104. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 4 of the '223 Patent.

105. On information and belief, Defendant also contributes to the infringement of the '223 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Disruptor, such as the trigger assembly. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '223 Patent.

106. Defendant has engaged in egregious infringement behavior with knowledge of the '223 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '223 Patent and that the '223 is valid at least through the service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '223 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '223 Patent.

107. By its actions, Defendant has injured Plaintiffs and are liable to Plaintiffs for infringement of the '223 Patent pursuant to 35 U.S.C. § 271.

108. By its actions, Defendant's infringement of the '223 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

109. By its actions, Defendant's infringement of the '223 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

110. Defendant's infringement of the '223 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

111. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

112. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

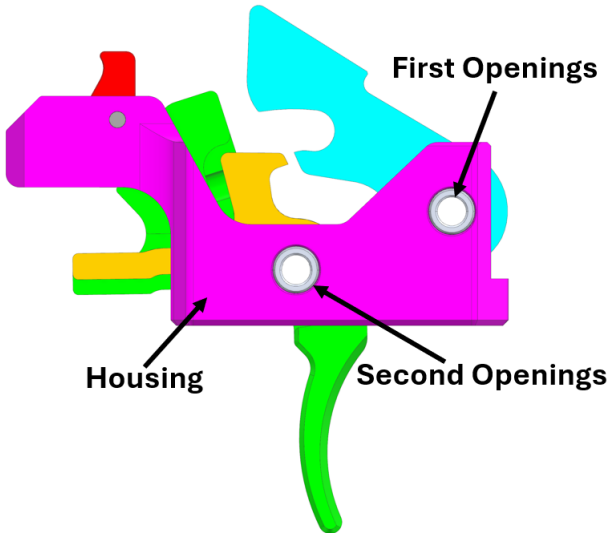
COUNT VI — INFRINGEMENT OF THE '003 PATENT

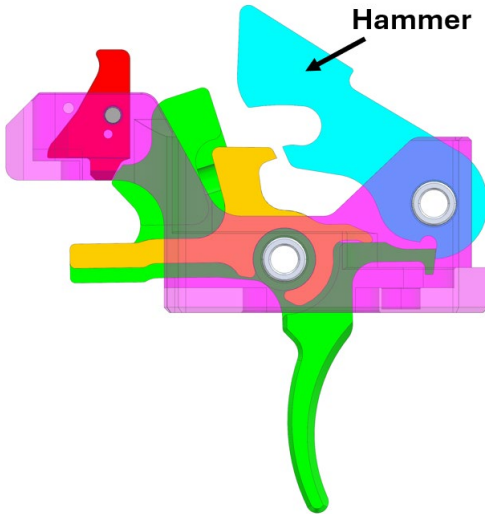
113. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

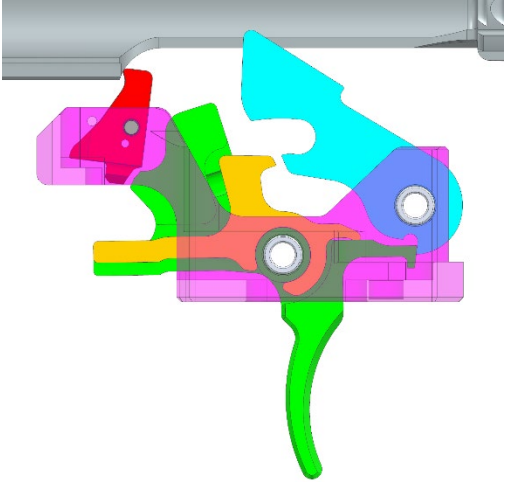
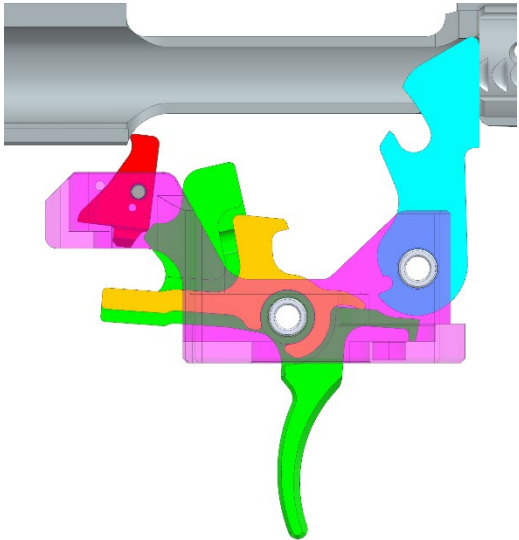
114. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '003 patent, including but not limited to claim 4, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '003 patent. Such unlicensed products include the Disruptor.

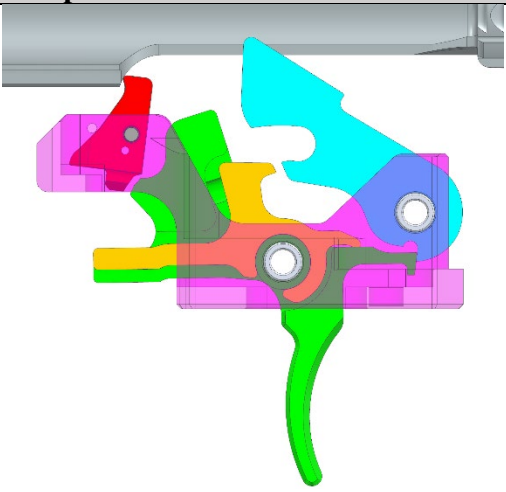
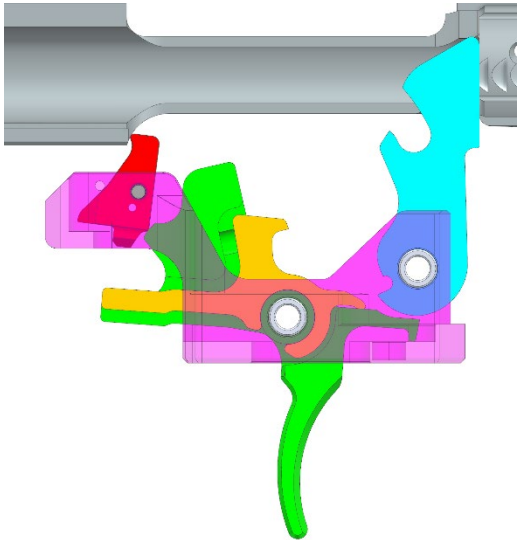
115. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '003 patent, including but not limited to claim 4, literally and/or under the doctrine of equivalents.

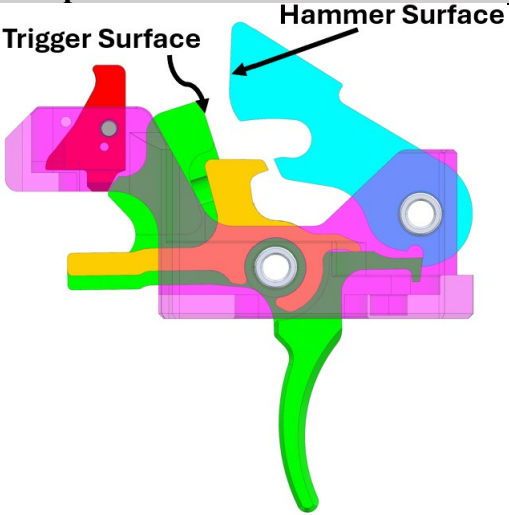
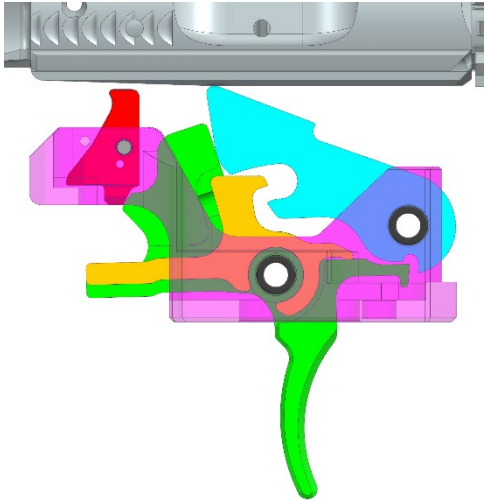
116. An exemplary comparison of the Disruptor, when assembled and used as intended, with claim 4 of the '003 patent is illustrated in the chart below:

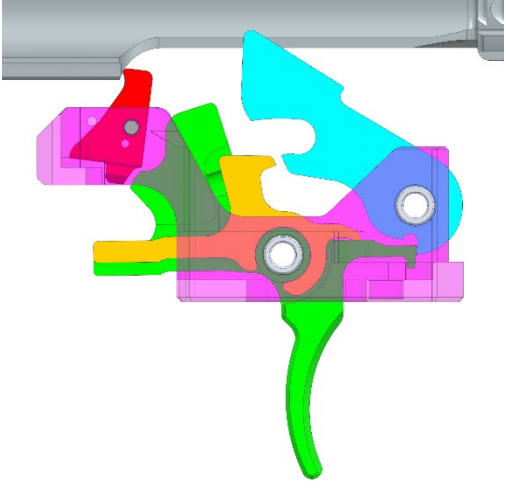
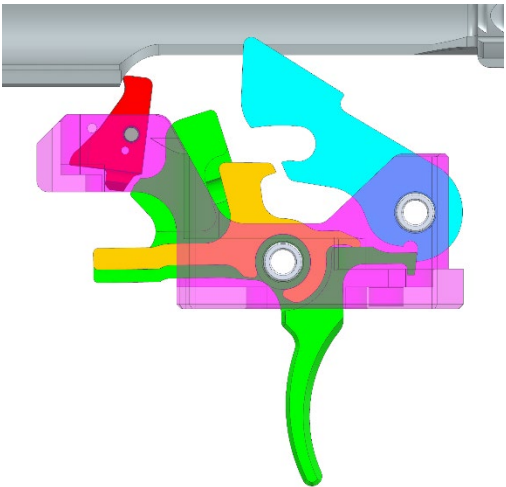
'003 Patent, Claim 4	The Disruptor
4. A firearm trigger mechanism comprising:	The Disruptor is a firearm trigger mechanism.  https://fuddarms.com/products/ar-15
a housing having a first pair of transversely aligned openings for receiving a hammer pin and a second pair of transversely aligned openings for receiving a trigger member pin,	The Disruptor includes a housing (black) that has a first pair of transversely aligned openings for receiving a hammer pin and a second pair of transversely aligned openings for receiving a trigger member pin. 

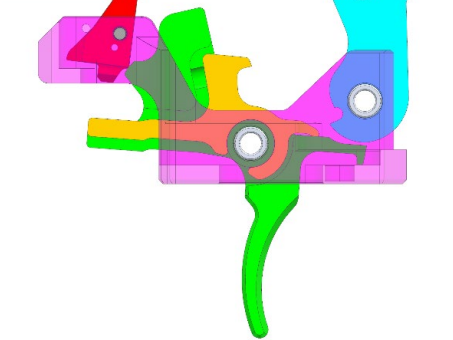
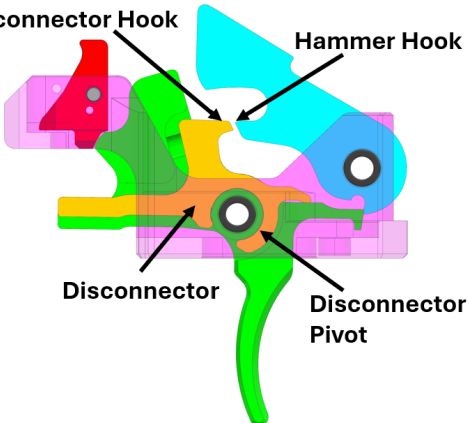
'003 Patent, Claim 4	The Disruptor
	The Disruptor is sold with hammer and trigger pins. 
a hammer having a sear catch and a hook for engaging a disconnector and mounted in said housing to pivot on said hammer pin	The Disruptor includes a hammer (blue) that has a sear catch and a hook for engaging a disconnector. It is mounted in the housing to pivot on the hammer pin between set and released positions. The hammer is pivoted rearward by rearward movement of a bolt carrier.  (Plaintiff-generated renderings of the Disruptor here and below)

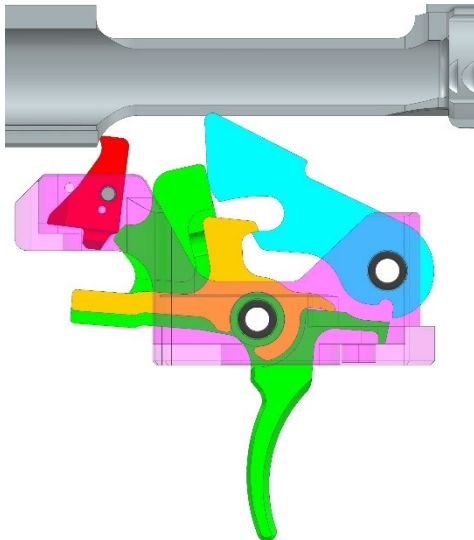
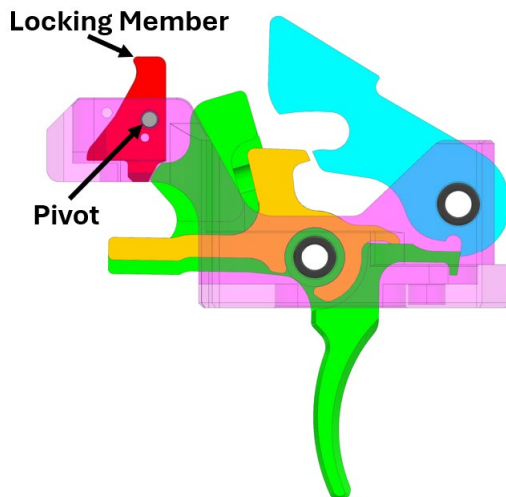
'003 Patent, Claim 4	The Disruptor
between set and	 Set Position
released positions, said hammer adapted to be pivoted rearward by rearward movement of a bolt carrier,	 Released Position
a trigger member having a sear and mounted in said housing to pivot on said trigger member pin	The Disruptor includes a trigger member (green) that has a sear and is mounted in the housing to pivot on the trigger member pin

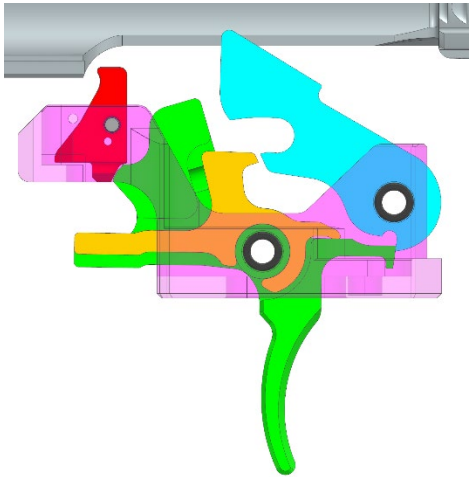
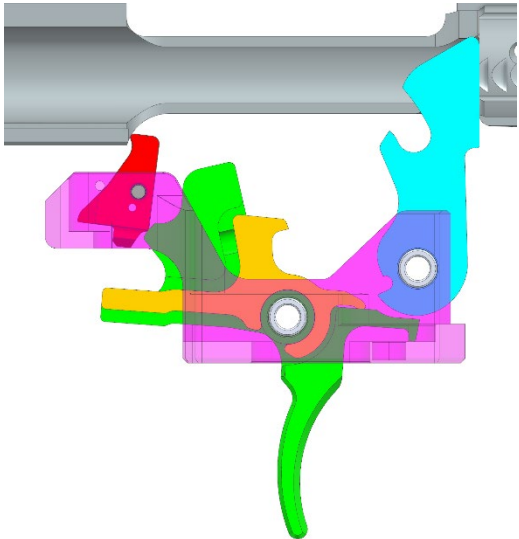
'003 Patent, Claim 4	The Disruptor
between set	 Set Position
and released positions, said trigger member having a surface positioned to be contacted by a surface of said hammer	 Released Position The trigger member (green) has a surface positioned to be contacted by a surface of the hammer (blue)

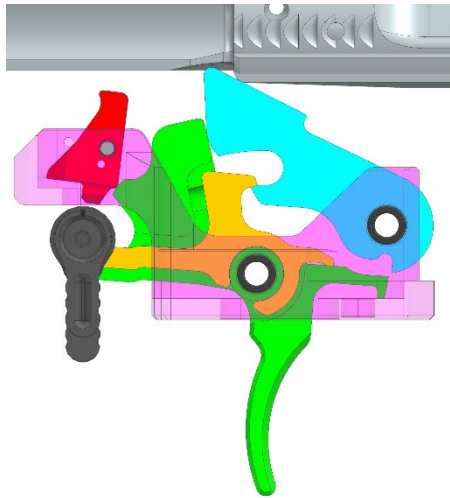
'003 Patent, Claim 4	The Disruptor
	 The diagram shows a mechanical assembly with several colored components: a red trigger member, a green trigger surface, a yellow hammer, and a blue hammer surface. The hammer is pivoted rearward, and the trigger member is forced to the set position. Labels with arrows point to the 'Trigger Surface' and 'Hammer Surface'.
during rearward pivoting of said hammer to cause said trigger member to be forced to said set position,	The hammer (blue) pivots rearward causing the trigger (green) to be mechanically moved to the set position.  The diagram shows the same mechanical assembly as above, but with a hammer (blue) pivoted rearward, causing the trigger (green) to be mechanically moved to the set position. A grey component is visible above the trigger member.

'003 Patent, Claim 4	The Disruptor
	
wherein said sear and sear catch are in engagement in said set positions of said hammer and trigger member	The sear and sear catch are engaged in the set position  Set Position
and are out of engagement in said released positions of said hammer and trigger member,	The sear and sear catch are out of engagement in the released position

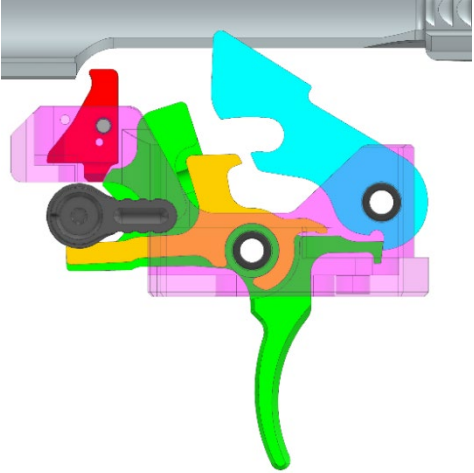
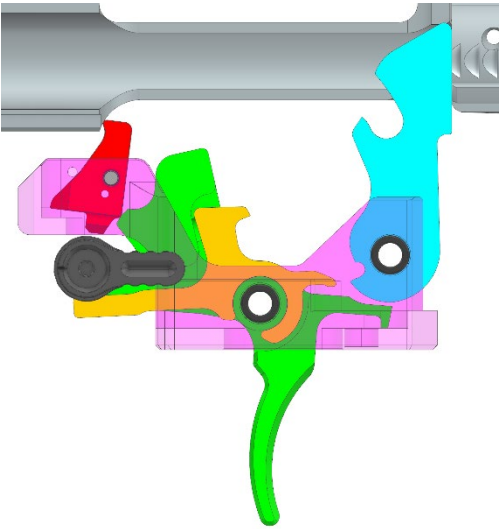
'003 Patent, Claim 4	The Disruptor
	 Released Position
a disconnecter having a hook for engaging said hammer	The Disruptor has a disconnecter (orange) that has a hook for engaging the hammer (blue) hook
and mounted in said housing to pivot on said trigger member pin,	
	The disconnect is mounted in the housing to pivot on the trigger (green) member pin

'003 Patent, Claim 4	The Disruptor
	
a locking member mounted in said housing to pivot on a transverse locking member pin,	The Disruptor has a locking member (red) that is mounted in the housing and it pivots on a transverse locking member pin 
said locking member being pivotable between a first position at which said locking member mechanically blocks said trigger member from moving to said released position	When the locking bar (red) is in the first position, the locking member blocks the trigger (green) from being pulled

'003 Patent, Claim 4	The Disruptor
	 First Position Mechanically Blocked
and a second position at which said locking member does not mechanically block said trigger member allowing said trigger member to be moved to said released position, said locking member spring biased toward said first position and adapted to be moved against said spring bias to said second position by contact from the bolt carrier during forward movement of the bolt carrier as the bolt carrier reaches a substantially in-battery position, and	When the locking bar (red) is in the second position, it does not prevent the trigger (green) from being pulled  Second Position Not Mechanically Blocked The locking member (red) is spring biased toward the first position and is moved against the spring bias to the second position by contact of the bolt carrier during forward movement of the bolt carrier as the bolt carrier reaches a substantially in-battery position.

'003 Patent, Claim 4	The Disruptor
a safety selector adapted to be mounted in a fire control mechanism pocket of a receiver to pivot between safe, standard semi-automatic, and forced reset semi-automatic positions,	The Disruptor includes a safety selector that is mounted in the fire control mechanism pocket of a receiver to pivot between safe, standard semi-automatic, and “forced reset” semi-automatic positions. 
whereupon in said standard semi-automatic position, rearward movement of the bolt carrier causes rearward pivoting of said hammer such that said disconnect hook catches said hammer hook, at which time a user must manually release said trigger member to free said hammer from said disconnecter to permit said hammer and trigger member to pivot to said set positions so that the user can pull said trigger member to fire the firearm, and	While in the standard semi-automatic position rearward movement of the bolt carrier causes the hammer (blue) to pivot and the disconnect (orange) hook catches the hammer hook  Standard Semi-automatic Position
whereupon in said forced reset semi-automatic position, rearward movement of the bolt carrier causes rearward pivoting of said hammer causing said	When the Disruptor is in the “forced reset” semi-automatic position rearward movement of the bolt carrier causes the hammer (blue) to pivot which causes the trigger (green) to be mechanically moved to the set position.

'003 Patent, Claim 4	The Disruptor
trigger member to be forced to said set position,	Trigger Pulled to the Rear, Hammer First Touches the Trigger Hammer has now Caused the Trigger to Move to the Reset Position
said safety selector preventing said disconnector hook from catching said hammer hook,	The safety selector prevents the disconnector (orange) hook from catching the hammer (blue) hook

'003 Patent, Claim 4	The Disruptor
	 Set Position
and thereafter when the bolt carrier reaches the substantially in-battery position the user can pull said trigger member to fire the firearm without manually releasing said trigger member	When the bolt carrier reaches a substantially in-battery position the user can pull the trigger (green) without manually releasing pressure off the trigger 

117. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '003 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate direct infringement by others. Such active steps include, but are not limited to, encouraging,

advertising, promoting, and instructing others to use and/or how to use the Disruptor while selling products.

118. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 4 of the '003 Patent.

119. On information and belief, Defendant also contributes to the infringement of the '003 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Disruptor, such as the trigger assembly. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '003 Patent.

120. Defendant has engaged in egregious infringement behavior with knowledge of the '003 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '003 Patent and that the '003 Patent is valid at least through the service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '003 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '003 Patent.

121. By its actions, Defendant has injured Plaintiffs and are liable to Plaintiffs for infringement of the '003 Patent pursuant to 35 U.S.C. § 271.

122. By its actions, Defendant's infringement of the '003 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

123. By its actions, Defendant's infringement of the '003 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

124. Defendant's infringement of the '003 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

125. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

126. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

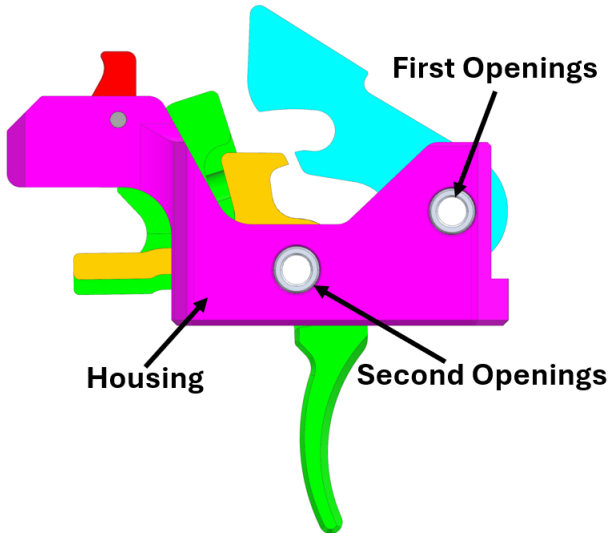
COUNT VII — INFRINGEMENT OF THE '336 PATENT

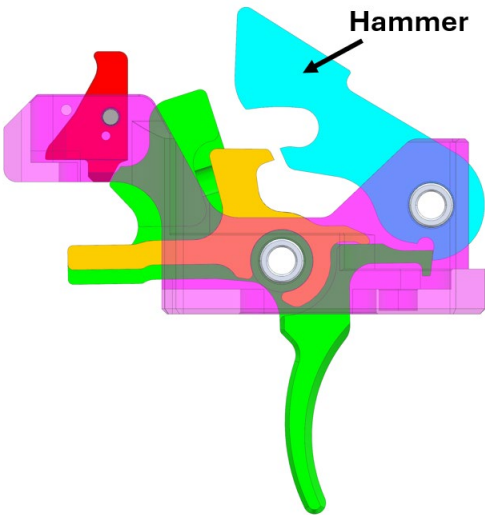
127. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

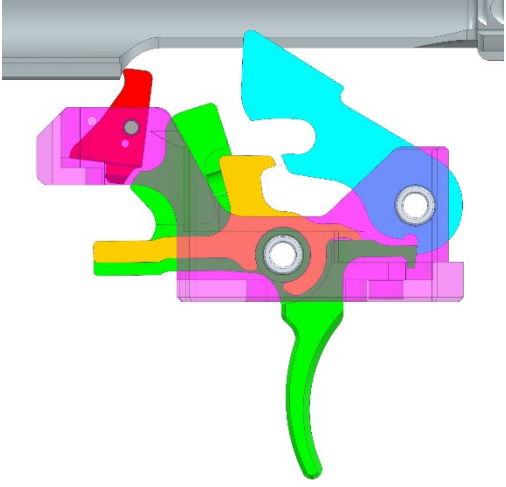
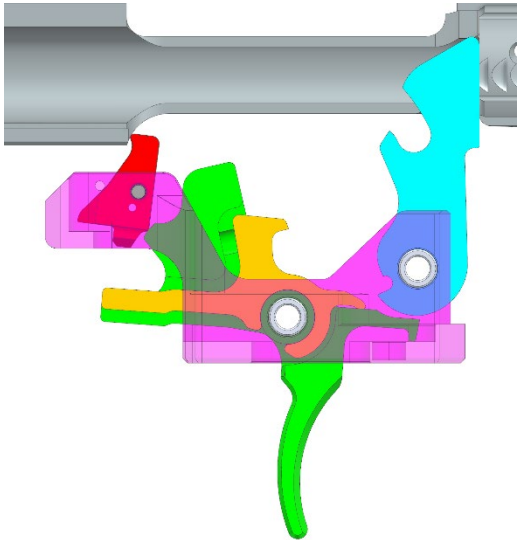
128. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '336 patent, including but not limited to claim 3, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '336 patent. Such unlicensed products include the Disruptor.

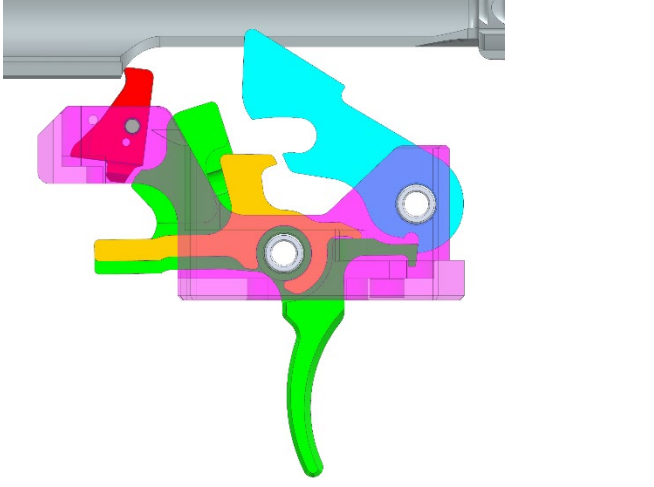
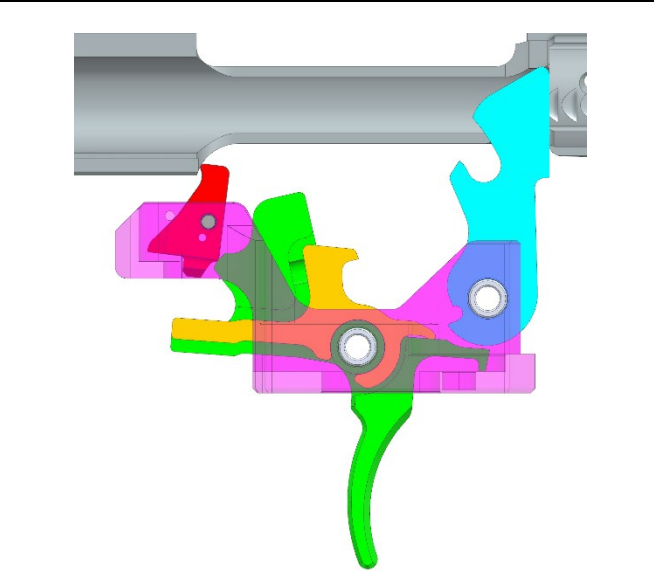
129. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '336 patent, including but not limited to claim 3, literally and/or under the doctrine of equivalents.

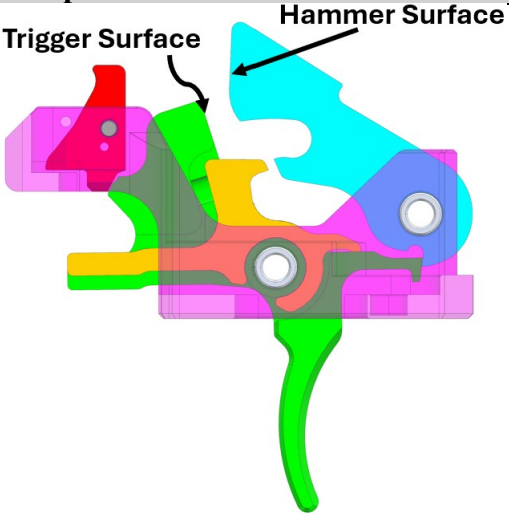
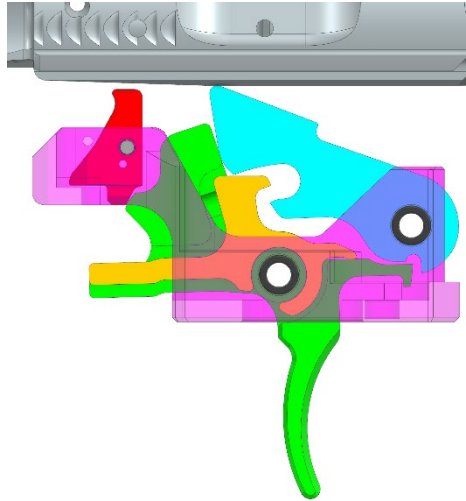
130. An exemplary comparison of the Disruptor, when assembled and used as intended, with claim 3 of the '336 patent is illustrated in the chart below:

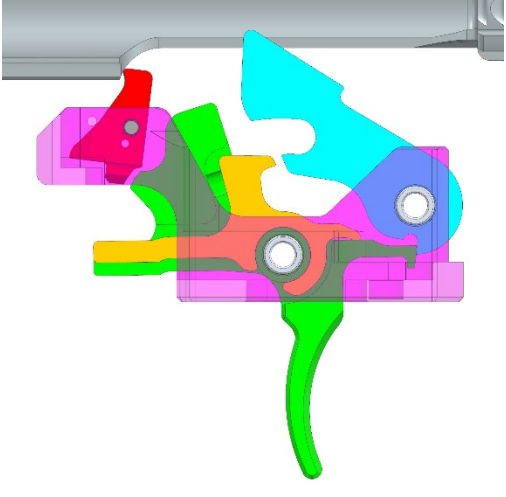
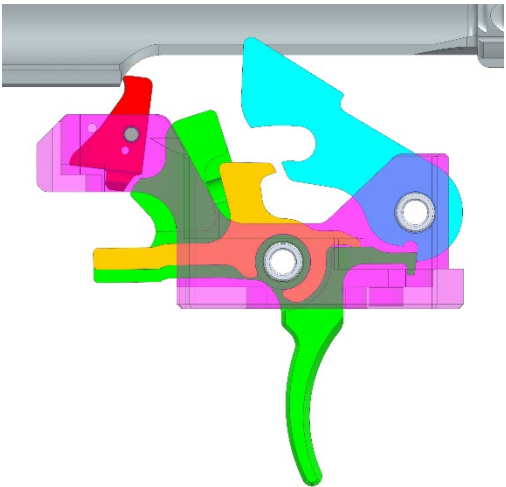
'336 Patent, Claim 3	The Disruptor
3. A firearm trigger mechanism comprising:	The Disruptor is a firearm trigger mechanism.  https://fuddarms.com/products/ar-15
a housing having a first pair of transversely aligned openings for receiving a hammer pin and a second pair of transversely aligned openings for receiving a trigger member pin,	The Disruptor includes a housing that has a first pair of transversely aligned openings for receiving a hammer pin and a second pair of transversely aligned openings for receiving a trigger member pin. 

'336 Patent, Claim 3	The Disruptor
	The Infringing Devise is sold with hammer and trigger pins. 
a hammer having a sear catch and a hook for engaging a disconnector and mounted in said housing to pivot on said hammer pin	The Disruptor includes a hammer (blue) that has a sear catch and a hook for engaging a disconnector. It is mounted in the housing to pivot on the hammer pin between set and released positions. The hammer is pivoted rearward by rearward movement of a bolt carrier.  (Plaintiff-generated renderings of the Disruptor here and below)

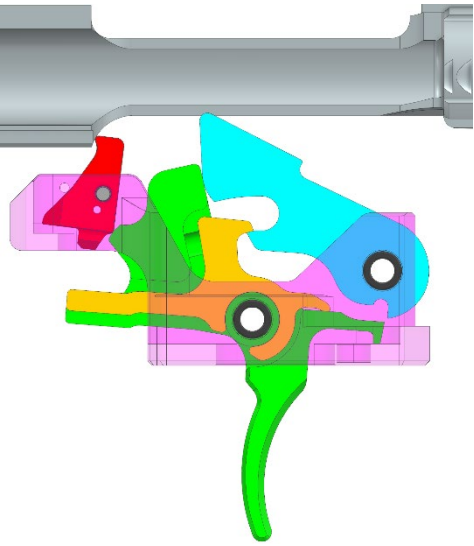
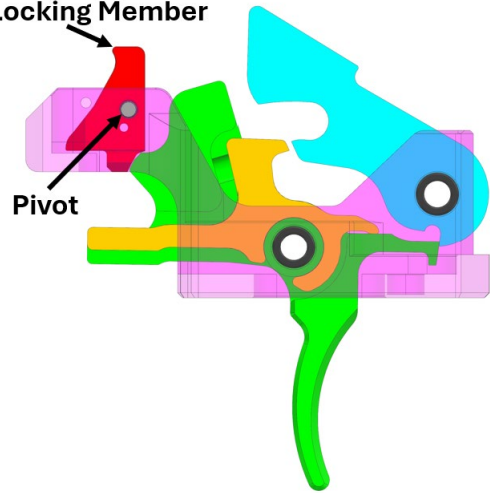
'336 Patent, Claim 3	The Disruptor
between set and	 Set Position
released positions, said hammer adapted to be pivoted rearward by rearward movement of a bolt carrier,	 Released Position
a trigger member having a sear and mounted in said housing to pivot on said trigger member pin	The Disruptor includes a trigger member (green) that has a sear and is mounted in the housing to pivot on the trigger member pin

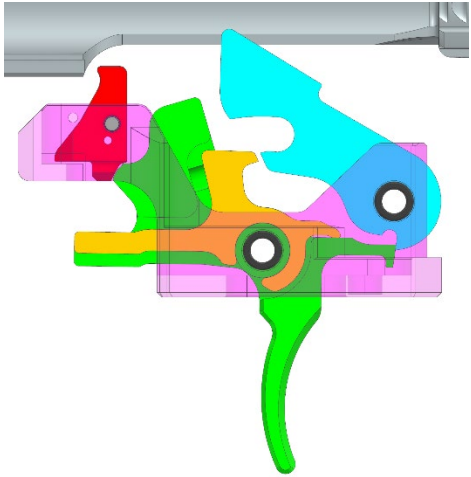
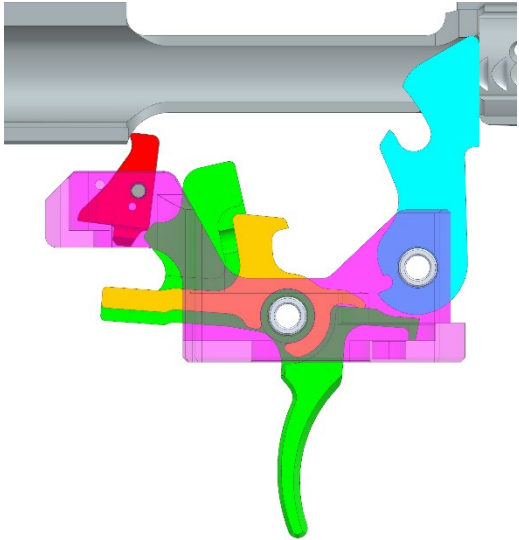
'336 Patent, Claim 3	The Disruptor
between set	 Set Position
and released positions, said trigger member having a surface positioned to be contacted by a surface of said hammer	 Released Position The trigger member (green) has a surface positioned to be contacted by a surface of the hammer (blue)

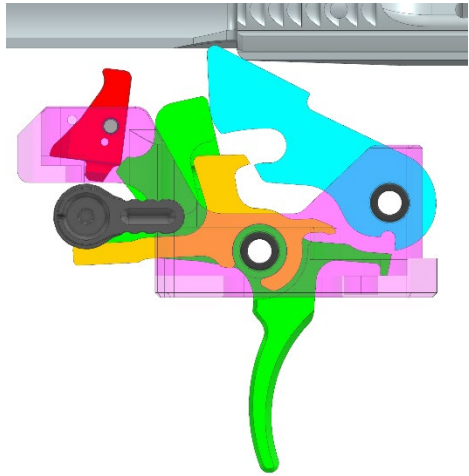
'336 Patent, Claim 3	The Disruptor
	 The diagram shows a mechanical assembly with several colored components: a red trigger member, a green trigger surface, a yellow hammer, and a blue hammer surface. The hammer is in a forward position, and the trigger is in a retracted position. Labels with arrows point to the 'Trigger Surface' and 'Hammer Surface'.
during rearward pivoting of said hammer to cause said trigger member to be forced to said set position,	The hammer (blue) pivots rearward causing the trigger (green) to be mechanically moved to the set position  The diagram shows the same mechanical assembly as above, but the hammer (blue) has pivoted rearward, and the trigger (green) has moved to a set position. A grey component is visible above the trigger.

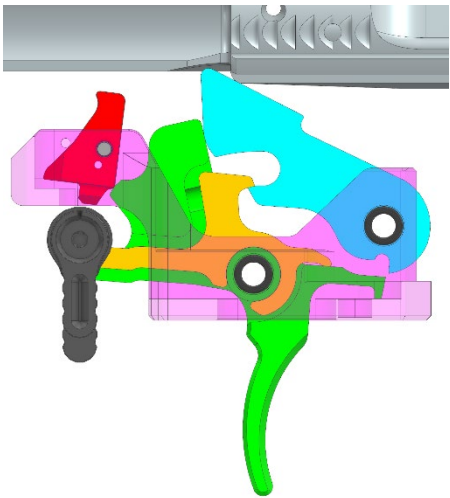
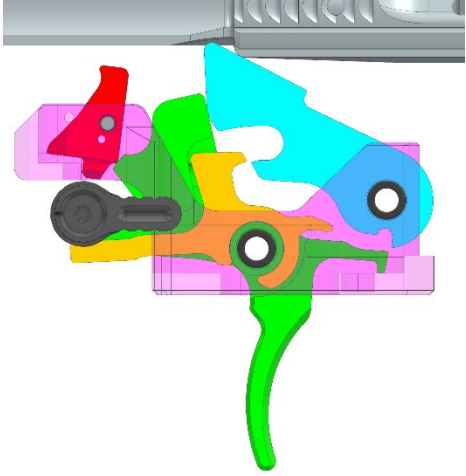
'336 Patent, Claim 3	The Disruptor
	 A cross-sectional diagram of a mechanical device, identified as 'The Disruptor'. It features a grey cylindrical component at the top. Below it, a red component is positioned to the left of a green component. A yellow component is situated between the red and green components. A blue component is on the right, connected to a pink base. A green trigger member extends downwards from the pink base. The red and green components are in a state of engagement.
wherein said sear and sear catch are in engagement in said set positions of said hammer and trigger member and are out of engagement in said released positions of said hammer and trigger member,	The sear and sear catch are engaged in the set position  Set Position The sear and sear catch are out of engagement in the released position

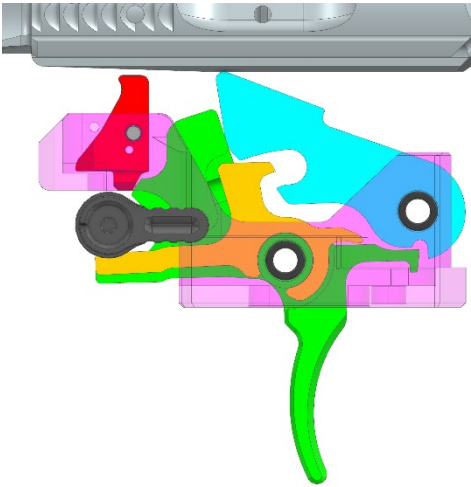
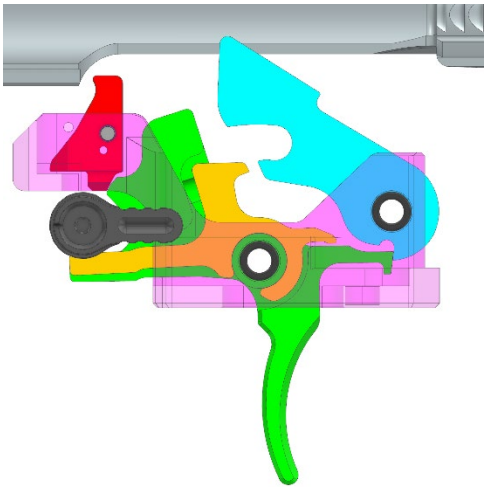
[illegible]

'336 Patent, Claim 3	The Disruptor
	
a locking member mounted in said housing to pivot on a transverse locking member pin, said locking member being pivotable between a first position at which said locking member mechanically blocks said trigger member from moving to said released position	The Disruptor has a locking member (red) that is mounted in the housing and it pivots on a transverse locking member pin.  When the locking bar (red) is in the first position, the locking member blocks the trigger (green) from being pulled

'336 Patent, Claim 3	The Disruptor
	 First Position Mechanically Blocked
and a second position at which said locking member does not mechanically block said trigger member allowing said trigger member to be moved to said released position, said locking member spring biased toward said first position and adapted to be moved against said spring bias to said second position by contact from the bolt carrier during forward movement of the bolt carrier as the bolt carrier reaches a substantially in-battery position, and	When the locking bar (red) is in the second position, it does not prevent the trigger (green) from being pulled.  Second Position Not Mechanically Blocked The locking member (red) is spring biased toward the first position and is moved against the spring bias to the second position by contact of the bolt carrier during forward movement of the bolt carrier as the bolt carrier reaches a substantially in-battery position.
a safety selector adapted to be mounted in a fire control mechanism pocket of a	The Disruptor includes a safety selector that is mounted in the fire control mechanism pocket of a

'336 Patent, Claim 3	The Disruptor
receiver to pivot between safe, standard semi-automatic, and forced reset semi-automatic positions, said safety selector configured such that, when said safety selector is in said forced reset semi-automatic position, said safety selector causes said disconnect to be repositioned and in doing so prevents said disconnect hook from catching said hammer hook,	receiver to pivot between safe, standard semi-automatic, and “forced reset” semi-automatic positions.  While in the “forced reset” semi-automatic position the disconnect (orange) moves to a position that does not allow the disconnect hook to catch the hammer (blue) hook  “Forced Reset” Semi-Automatic Position
whereupon in said standard semi-automatic position, rearward movement of the bolt carrier causes rearward pivoting of said hammer such that said disconnect hook catches said hammer hook, at which time a user must manually release said trigger member to free said hammer from said disconnect to permit said hammer and trigger member to pivot to said set positions so that the user can	While in the standard semi-automatic position rearward movement of the bolt carrier causes the hammer (blue) to pivot and the disconnect (orange) hook catches the hammer hook

'336 Patent, Claim 3	The Disruptor
pull said trigger member to fire the firearm, and	 Standard Semi-Automatic Position
whereupon in said forced reset semi-automatic position, rearward movement of the bolt carrier causes rearward pivoting of said hammer causing said trigger member to be forced to said set position,	When the Disruptor is in the “forced reset” semi-automatic position rearward movement of the bolt carrier causes the hammer (blue) to pivot which causes the trigger (green) to be mechanically moved to the set position.  Trigger Pulled to the Rear, Hammer First Touches the Trigger

'336 Patent, Claim 3	The Disruptor
	 Hammer has now Caused the Trigger to Move to the Reset Position
said safety selector preventing said disconnecter hook from catching said hammer hook, and thereafter when the bolt carrier reaches the substantially in-battery position the user can pull said trigger member to fire the firearm without manually releasing said trigger member.	The safety selector prevents the disconnecter (orange) hook from catching the hammer (blue) hook  Set Position When the bolt carrier reaches a substantially in-battery position the user can pull the trigger (green) without manually releasing pressure off the trigger

131. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '336 patent.

Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate direct infringement by others. Such active steps include, but are not limited to, encouraging, advertising, promoting, and instructing others to use and/or how to use the Disruptor while selling products.

132. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 3 of the '336 Patent.

133. On information and belief, Defendant also contributes to the infringement of the '336 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Disruptor, such as the trigger assembly. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '336 Patent.

134. Defendant has engaged in egregious infringement behavior with knowledge of the '336 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '336 Patent and that the '336 Patent is valid at least through the service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '336 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '336 Patent.

135. By its actions, Defendant has injured Plaintiffs and are liable to Plaintiffs for infringement of the '336 Patent pursuant to 35 U.S.C. § 271.

136. By its actions, Defendant's infringement of the '336 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

137. By its actions, Defendant's infringement of the '336 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

138. Defendant's infringement of the '336 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

139. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

140. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

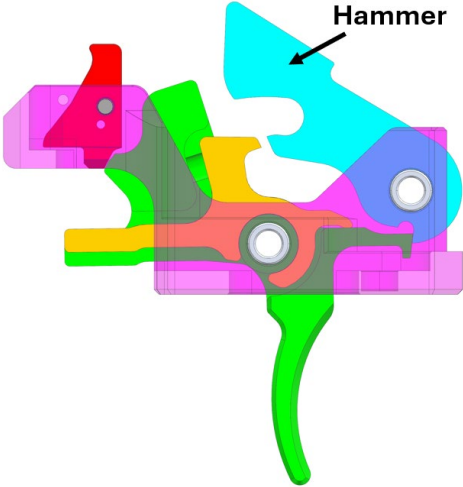
COUNT VIII — INFRINGEMENT OF THE '807 PATENT

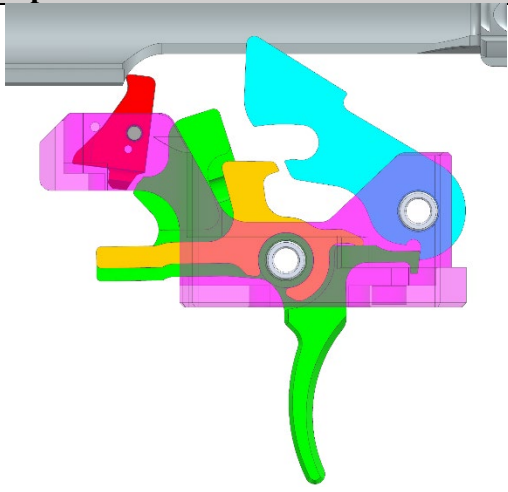
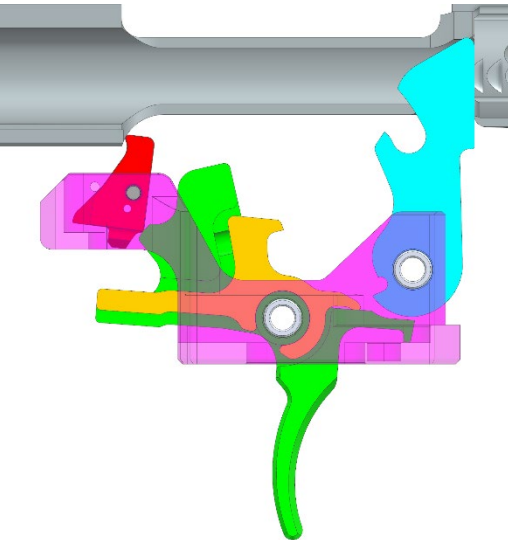
141. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

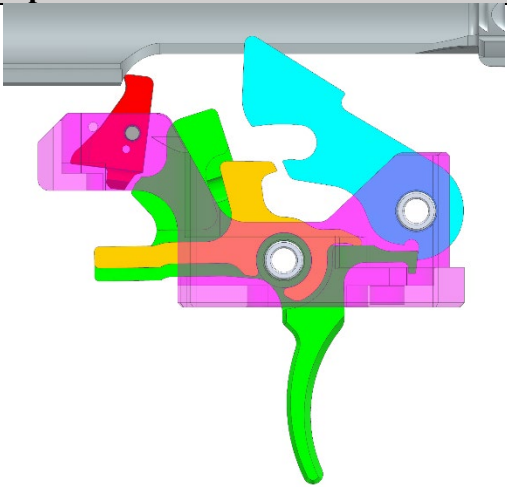
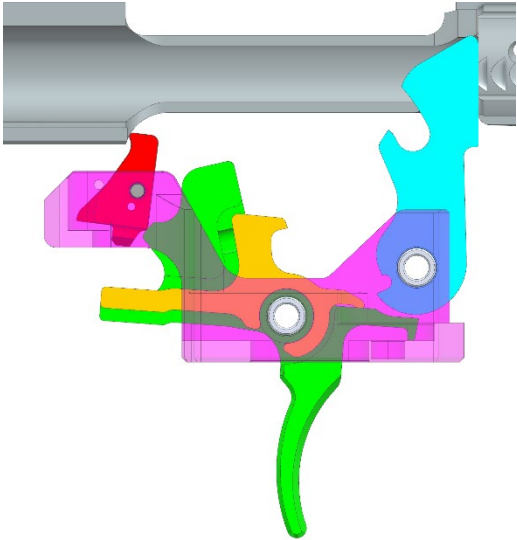
142. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '807 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '807 patent. Such unlicensed products include the Disruptor.

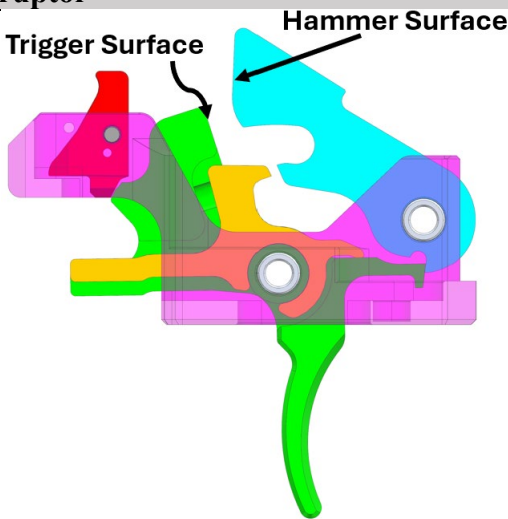
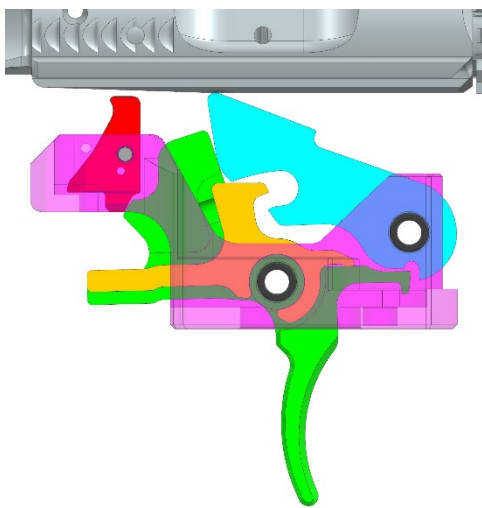
143. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '807 patent, including but not limited to claim 1, literally and/or under the doctrine of equivalents.

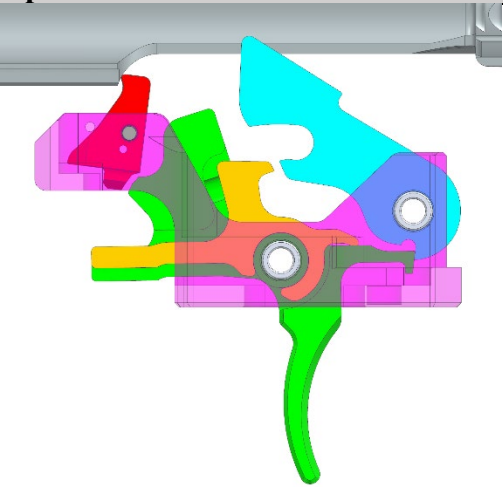
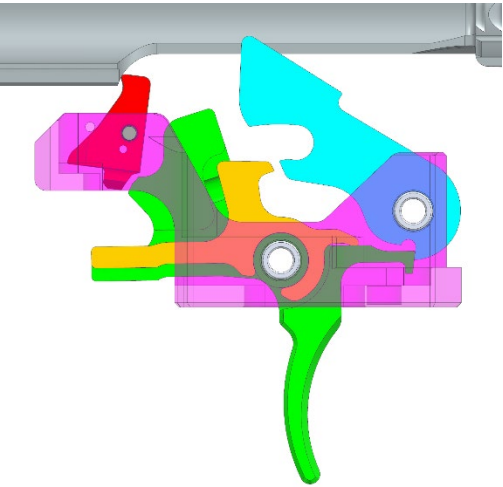
144. An exemplary comparison of the Disruptor, when assembled and used as intended, with claim 1 of the '807 patent is illustrated in the chart below:

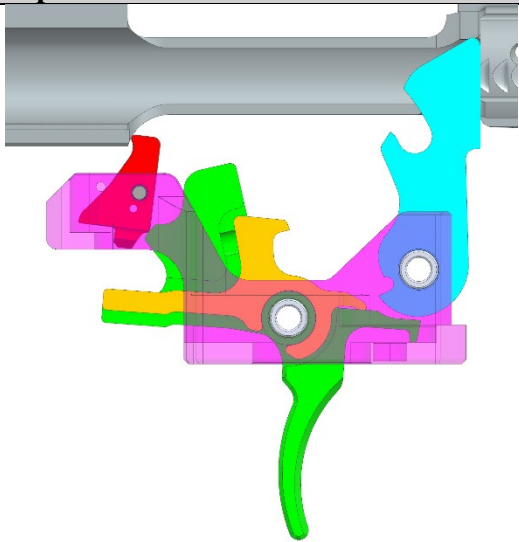
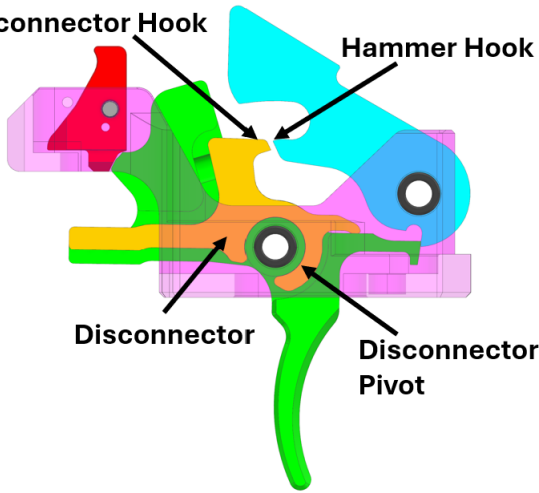
'807 Patent, Claim 1	The Disruptor
A firearm trigger mechanism comprising:	The Disruptor is a firearm trigger mechanism.  https://fuddarms.com/products/ar-15
a hammer having a sear catch and a hook and adapted to be mounted in a fire control mechanism pocket of a receiver to pivot on a transverse hammer pivot axis	The Disruptor includes a hammer (blue) that has a sear catch and a hook for engaging a disconnector. It is mounted in the fire control mechanism pocket to pivot on a transverse hammer pivot axis between set and released positions. The hammer is pivoted rearward by rearward movement of a bolt carrier.  (Plaintiff-generated renderings of the Disruptor here and below)

'807 Patent, Claim 1	The Disruptor
between set and	 Set Position
released positions, said hammer adapted to be pivoted rearward by rearward movement of a bolt carrier,	 Released Position
a trigger member having a sear and adapted to be mounted in the fire control mechanism pocket to pivot on a transverse trigger member pivot axis	The Disruptor includes a trigger member (green) that has a sear and is mounted in the fire control mechanism pocket to pivot on a transverse trigger member pivot axis

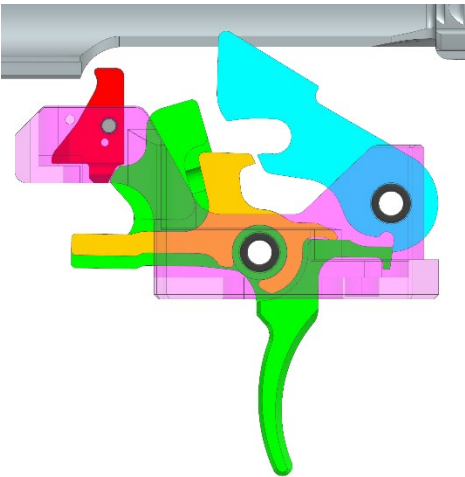
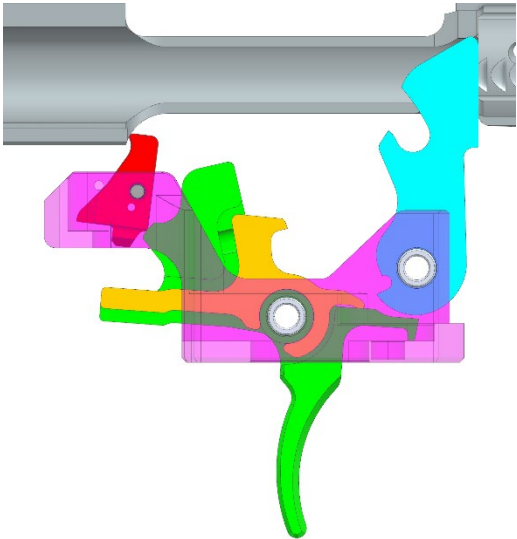
'807 Patent, Claim 1	The Disruptor
between set	 Set Position
and released positions, said trigger member having a surface positioned to be contacted by a surface of said hammer	 Released Position The trigger member (green) has a surface positioned to be contacted by a surface of the hammer (blue).

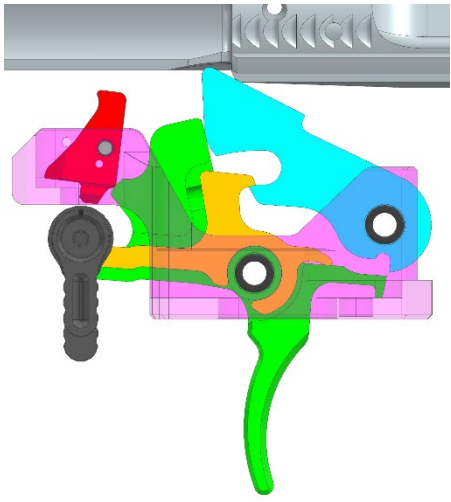
'807 Patent, Claim 1	The Disruptor
during rearward pivoting of said hammer to cause said trigger member to be forced to said set position,	Trigger Surface Hammer Surface  The hammer (blue) pivots rearward causing the trigger (green) to be mechanically moved to the set position. 

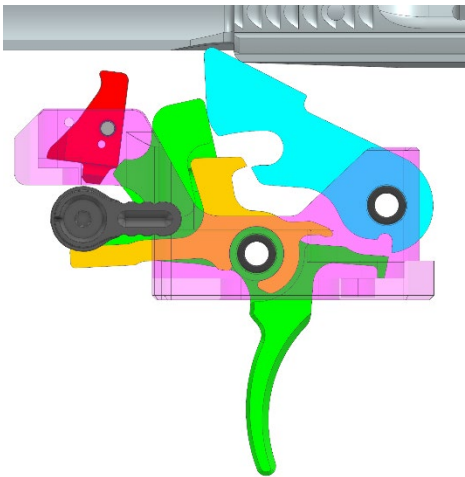
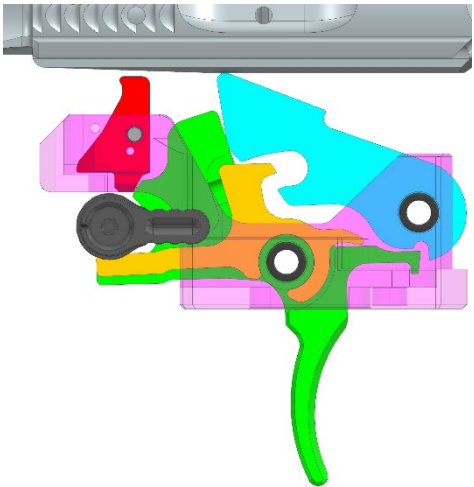
'807 Patent, Claim 1	The Disruptor
	
wherein said sear and sear catch are in engagement in said set positions of said hammer and trigger member	The sear and sear catch are engaged in the set position.  Set Position
and are out of engagement in said released positions of said hammer and trigger member,	The sear and sear catch are out of engagement in the released position.

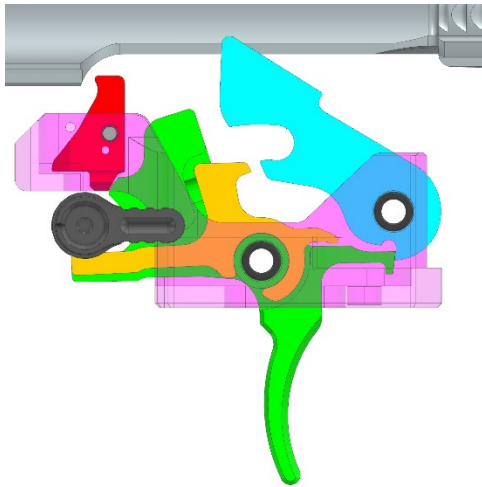
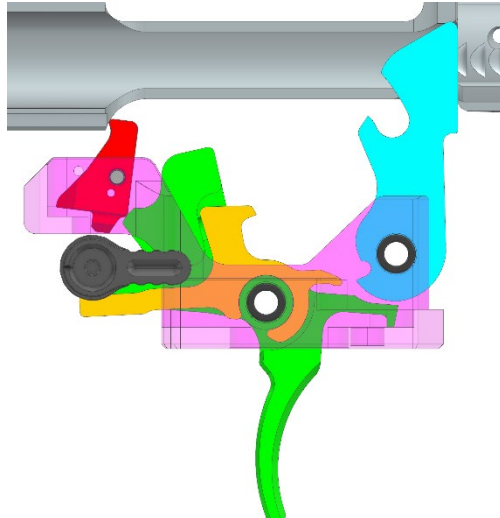
'807 Patent, Claim 1	The Disruptor
	 Released Position
a disconnector having a hook for engaging said hammer hook	The Disruptor has a disconnector (orange) that has a hook for engaging the hammer (blue) hook. 
and adapted to be mounted in the fire control mechanism pocket to pivot on a transverse disconnector pivot axis,	The disconnect is mounted in the fire control mechanism pocket to pivot on a transverse disconnector pivot axis.

'807 Patent, Claim 1	The Disruptor
a locking member adapted to be movably mounted in the fire control mechanism pocket,	
said locking member being movable between a first position at which said locking member mechanically blocks said trigger member from moving to said released position	The Disruptor has a locking member (red) that is movably mounted in the fire control mechanism pocket and it is movable between a first position and a second position. When the locking bar (red) is in the first position, the locking member blocks the trigger (green) from being pulled.

'807 Patent, Claim 1	The Disruptor
	 First Position Mechanically Blocked
and a second position at which said locking member does not mechanically block said trigger member allowing said trigger member to be moved to said released position, said locking member spring biased toward said first position and adapted to be moved against said spring bias to said second position by contact from the bolt carrier during forward movement of the bolt carrier as the bolt carrier reaches a substantially in-battery position, and	When the locking bar (red) is in the second position, it does not prevent the trigger (green) from being pulled.  Second Position Not Mechanically Blocked The locking member (red) is spring biased toward the first position and is moved against the spring bias to the second position by contact of the bolt carrier during forward movement of the bolt carrier as the bolt carrier reaches a substantially in-battery position.

'807 Patent, Claim 1	The Disruptor
a safety selector adapted to be movably mounted in the fire control mechanism pocket to move between safe, standard semi-automatic, and forced reset semi-automatic positions,	The Disruptor includes a safety selector that is mounted in the fire control mechanism pocket of a receiver to pivot between safe, standard semi-automatic, and “forced reset” semi-automatic positions. 
whereupon in said standard semi-automatic position, rearward movement of the bolt carrier causes rearward pivoting of said hammer such that said disconnect hook catches said hammer hook, at which time a user must manually release said trigger member to free said hammer from said disconnecter to permit said hammer and trigger member to pivot to said set positions so that the user can pull said trigger member to fire the firearm, and	While in the standard semi-automatic position rearward movement of the bolt carrier causes the hammer (blue) to pivot and the disconnect (orange) hook catches the hammer hook.  Standard Semi-Automatic Position
whereupon in said forced reset semi-automatic position, rearward movement of the bolt carrier causes rearward pivoting of said hammer causing said trigger member to be forced to said set position,	When the Disruptor is in the “forced reset” semi-automatic position rearward movement of the bolt carrier causes the hammer (blue) to pivot which causes the trigger (green) to be mechanically moved to the set position.

'807 Patent, Claim 1	The Disruptor
said safety selector preventing said disconnector hook from catching said hammer hook,	 Trigger Pulled to the Rear, Hammer First Touches the Trigger  Hammer has now Caused the Trigger to Move to the Reset Position The safety selector prevents the disconnector (orange) hook from catching the hammer (blue) hook.

'807 Patent, Claim 1	The Disruptor
	 Set Position
and thereafter when the bolt carrier reaches the substantially in-battery position the user can pull said trigger member to fire the firearm without manually releasing said trigger member.	When the bolt carrier reaches a substantially in-battery position the user can pull the trigger (green) without manually releasing pressure off the trigger. 

145. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '807 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate direct infringement by others. Such active steps include, but are not limited to, encouraging, advertising, promoting, and instructing others to use and/or how to use the Disruptor while selling products.

146. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 1 of the '807 Patent.

147. On information and belief, Defendant also contributes to the infringement of the '807 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Disruptor, such as the trigger assembly. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '807 Patent.

148. Defendant has engaged in egregious infringement behavior with knowledge of the '807 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '807 Patent and that the '807 Patent is valid at least through the service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '807 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '807 Patent.

149. By its actions, Defendant has injured Plaintiffs and are liable to Plaintiffs for infringement of the '807 Patent pursuant to 35 U.S.C. § 271.

150. By its actions, Defendant's infringement of the '807 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

151. By its actions, Defendant's infringement of the '807 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

152. Defendant's infringement of the '807 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

153. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

154. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

COUNT IX — INFRINGEMENT OF THE '403 PATENT

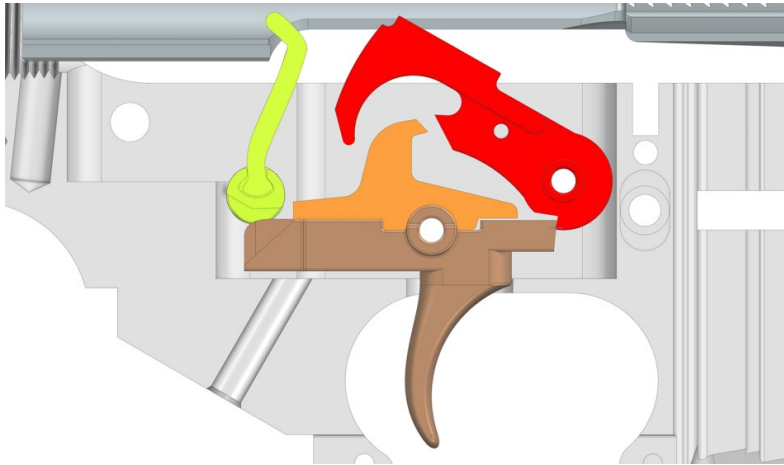
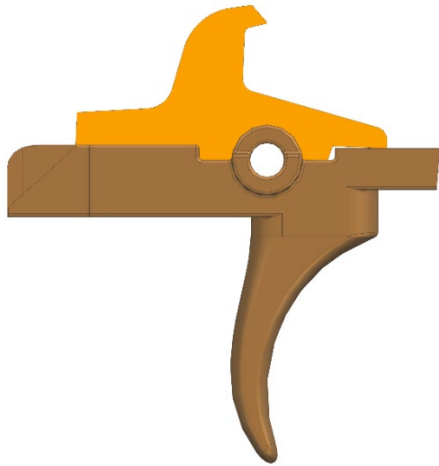
155. Plaintiffs re-allege and incorporate the allegations of the preceding paragraphs as if fully set forth herein.

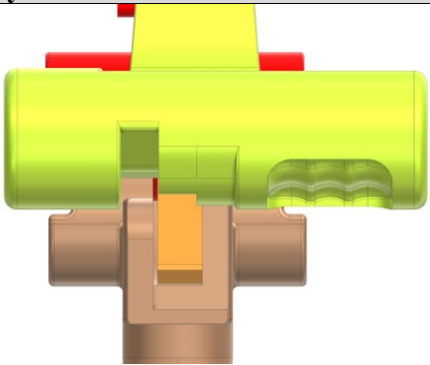
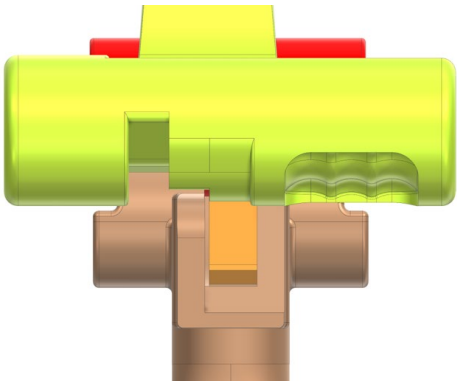
156. In violation of 35 U.S.C. § 271, Defendant has infringed, induced others to infringe, and/or contributed to the infringement of one or more claims of the '403 patent, including but not limited to claim 38, literally and/or under the doctrine of equivalents, by among other things, making, using, offering for sale, selling, and/or importing into the United States unlicensed products in a manner that infringes the '403 patent. Such unlicensed products include the Infringing Devices.

157. On information and belief, Defendant has and continues to willfully infringe, induce others to infringe, and/or contribute to the infringement of one or more claims of the '403 patent, including but not limited to claim 38, literally and/or under the doctrine of equivalents.

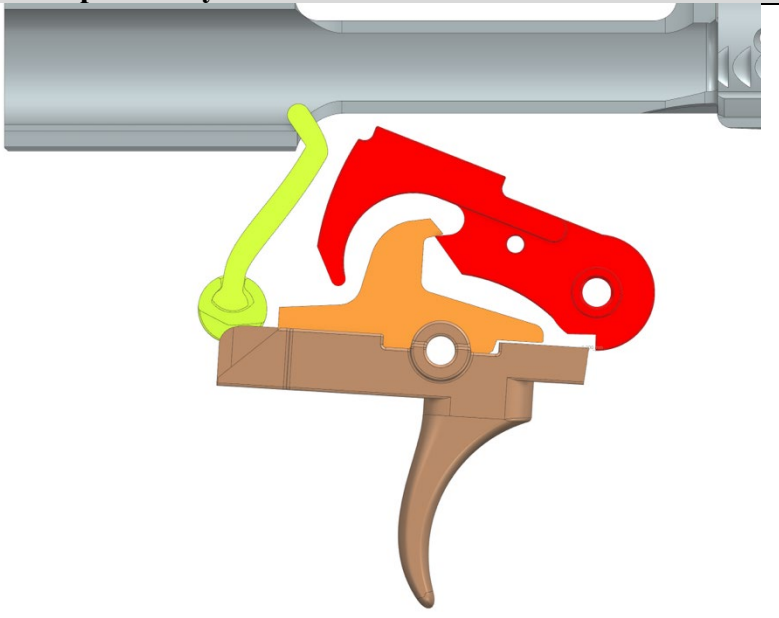
158. An exemplary comparison of the Super Safety, when assembled and used as intended, with claim 38 of the '403 patent is illustrated in the chart below:

'403 Patent, Claim 38	The Super Safety
38. A forced reset trigger mechanism, comprising:	When installed and used as directed, the Super Safety is part of a trigger mechanism. https://fuddarms.com/products/super-safety Super Safety Ex. J, Super Safety 3D Printed Active Trigger System v4.4, Hoffman Tactical (July 19, 2023) (“Super Safety Guide”) at 12.

'403 Patent, Claim 38	The Super Safety
a hammer having a hammer hook and adapted to pivot on a transverse hammer pivot axis;	The Super Safety (yellow) is installed in a fire control mechanism pocket along with a hammer (red) that has a hammer hook and pivots on a transverse axis.  Super Safety (Installed) (Plaintiff-generated renderings of Super Safety here and below)
a disconnecter having a disconnecter hook and adapted to pivot on a transverse disconnecter pivot axis; a trigger member; and	The Super Safety is installed along with a disconnecter (orange) which has a disconnecter hook and pivots on a transverse disconnecter pivot axis, and a trigger member (brown)  Disconnecter and Trigger Member
a safety selector adapted to be movable between a standard semi-automatic position and a forced reset semi-automatic position,	The Super Safety is a safety selector adapted to be movable between a standard semi-automatic position,

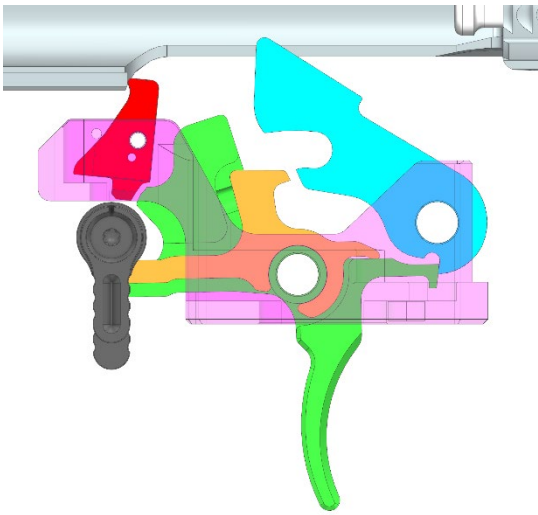
'403 Patent, Claim 38	The Super Safety
	 Super Safety (installed) in Standard Semi-Automatic Position . . . and a “forced reset” semi-automatic position,  Super Safety (installed) in “Forced Reset” Semi-Automatic Position
wherein when the safety selector is in the standard semi-automatic position and the trigger member is rearwardly actuated,	When safety selector is in the standard semi-automatic position the trigger member (brown) is rearwardly actuated.

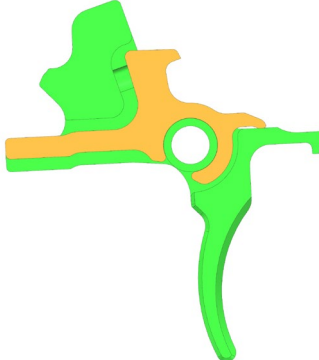
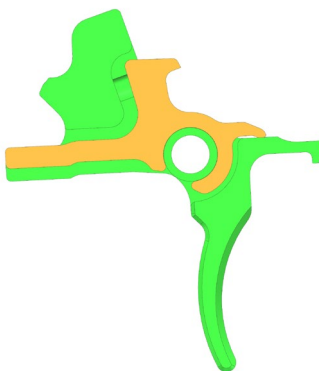
'403 Patent, Claim 38	The Super Safety
and after the hammer pivots rearward to a position where the hammer hook is past the disconnecter hook, rearward pressure on the trigger member must be reduced to permit the trigger member to then be actuated to fire a firearm.	The hammer (red) pivots rearward to a position where the hammer hook is past the disconnecter hook (orange), Hammer Hook is Past Disconnecter Hook Rearward pressure on the trigger member (brown) must be reduced to permit the trigger member to then be actuated to fire a firearm.

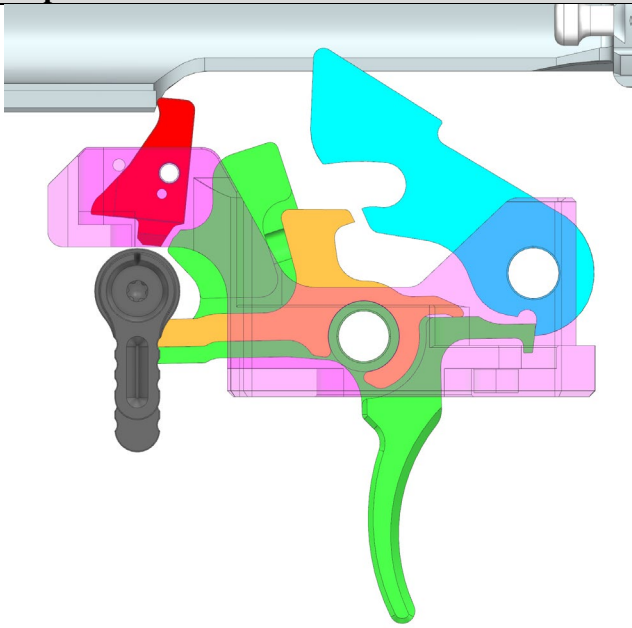
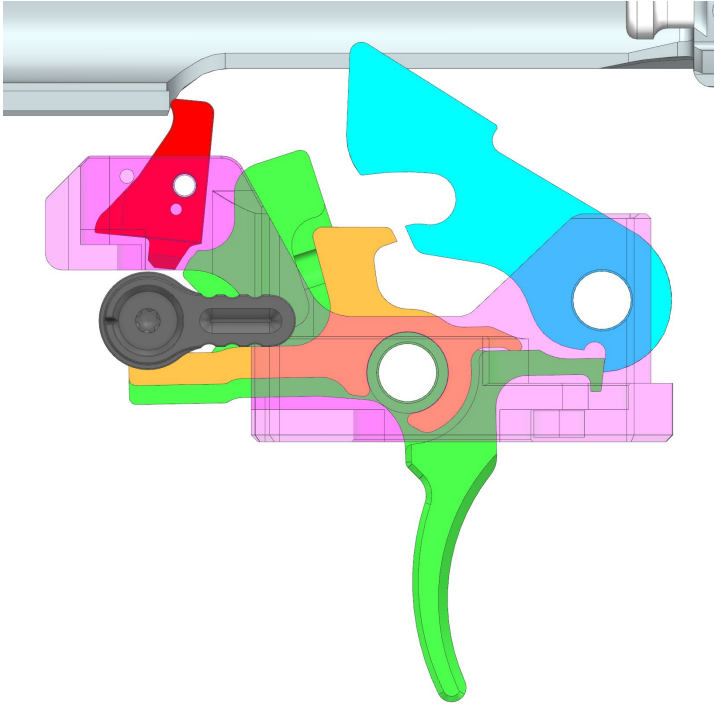
'403 Patent, Claim 38	The Super Safety
	 Pressure Must be reduced

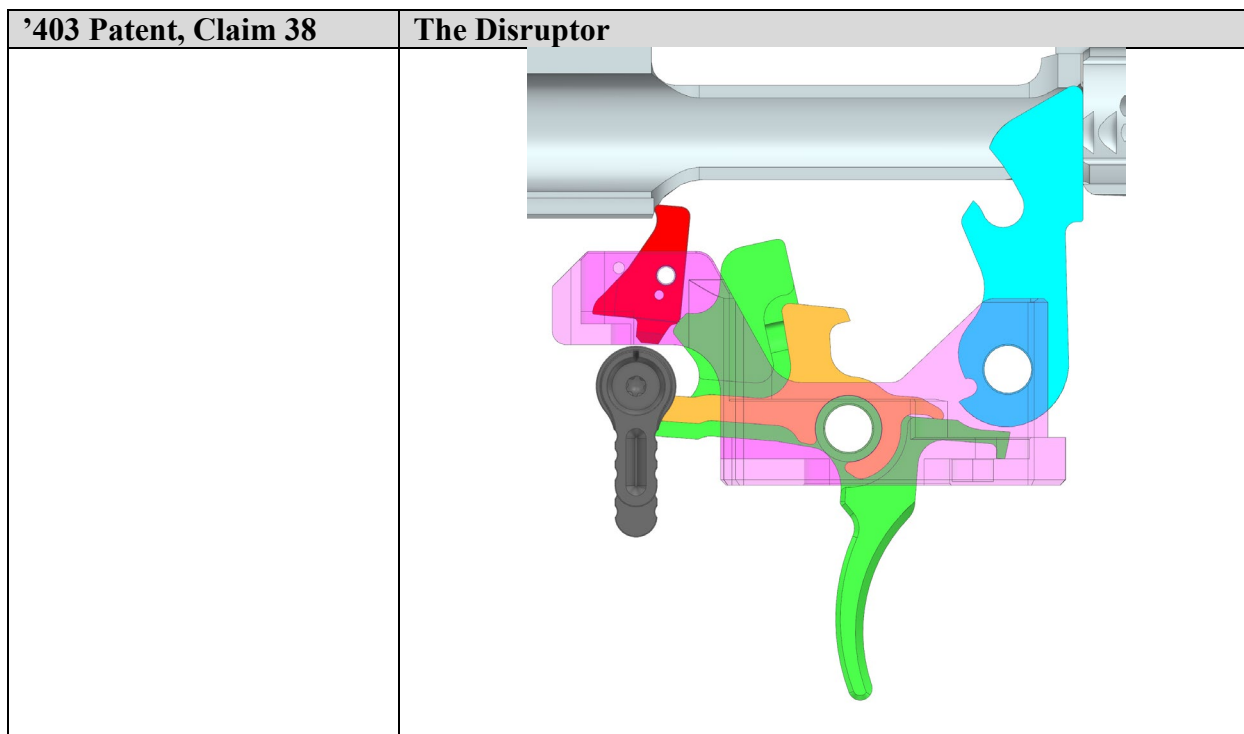
159. An exemplary comparison of the Disruptor, when assembled and used as intended, with claim 38 of the '403 patent is illustrated in the chart below:

'403 Patent, Claim 38	The Disruptor
38. A forced reset trigger mechanism, comprising:	When installed and used as directed, the Disruptor is part of a trigger mechanism. 

'403 Patent, Claim 38	The Disruptor
	https://fuddarms.com/products/ar-15  Disruptor
a hammer having a hammer hook and adapted to pivot on a transverse hammer pivot axis;	The Disruptor has a hammer (blue) that has a hammer hook and pivots on a transverse axis.  Disruptor (Installed) (Plaintiff-generated renderings of Disruptor here and below)
a disconnecter having a disconnecter hook and adapted to pivot on a transverse disconnecter pivot axis;	The Disruptor has a disconnecter (orange) which has a disconnecter hook and pivots on a transverse disconnecter pivot axis.

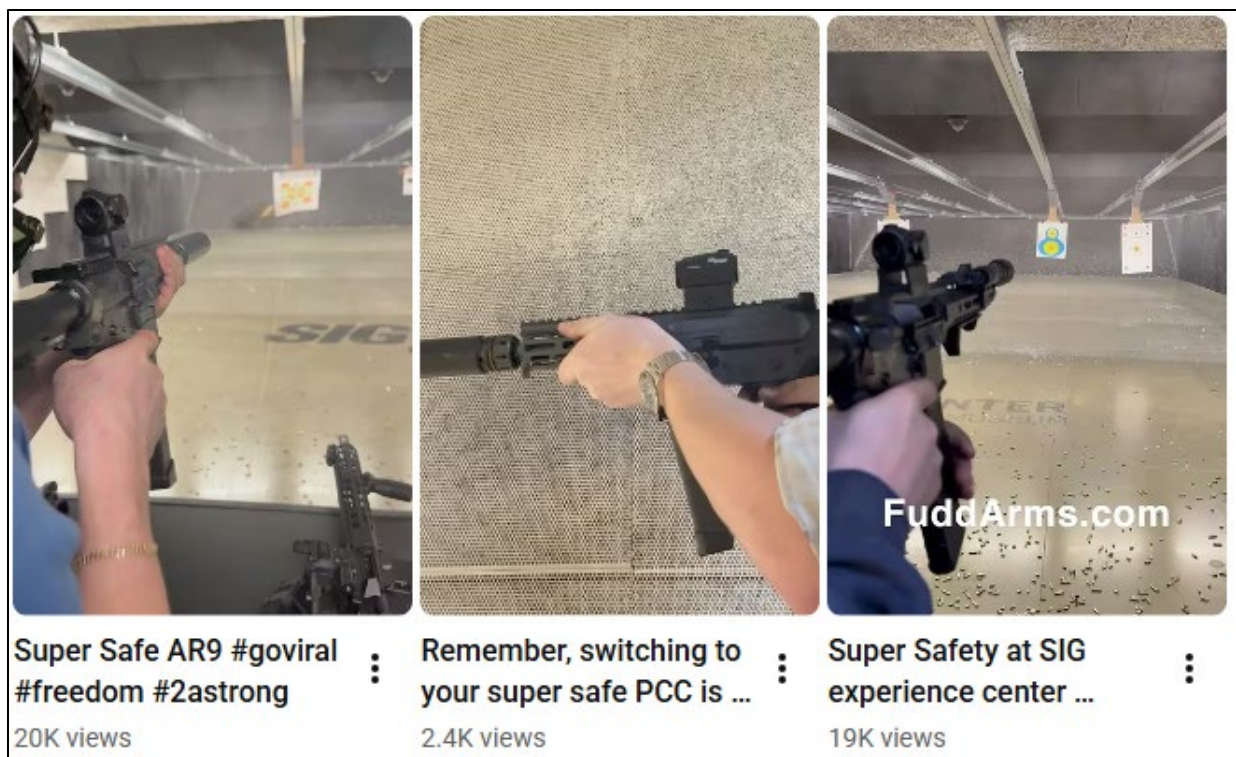
'403 Patent, Claim 38	The Disruptor
a trigger member; and	 Disconnector (orange) The Disruptor has a trigger member (green) which has a disconnector hook and pivots on a transverse disconnector pivot axis.  Trigger Member (green)
a safety selector adapted to be movable between a standard semi-automatic position	The Disruptor has a safety selector adapted to be movable between a (standard semi-automatic) position,

'403 Patent, Claim 38	The Disruptor
	 Disruptor (installed) in Standard Semi-Automatic Position
and a forced reset semi-automatic position,	. . . and a “forced reset” semi-automatic position,  Disruptor (installed) in “Forced Reset” Semi-Automatic Position
wherein when the safety selector is in the standard semi-automatic position	When safety selector is in the standard semi-automatic position the trigger member (green) is rearwardly actuated.



160. On information and belief, in addition to direct infringement, Defendant takes active steps to induce others, including its customers, to directly infringe the '403 patent. Defendant takes such active steps knowing that those steps will induce, encourage, and facilitate direct infringement by others. Such active steps include, but are not limited to, encouraging, advertising, promoting, and instructing others to use and/or how to use the Infringing Devices while selling products. One example of this is the promotional material found on Defendant's website (<https://www.youtube.com/@FuddArmsLLC>) that informs customers to install the Infringing Devices into an AR15:





161. On information and belief, Defendant knows or should know that such activities induce others to directly infringe at least claim 38 of the '403 Patent.

162. On information and belief, Defendant also contributes to the infringement of the '403 Patent by others, including its customers. Acts by Defendant that contribute to the infringement of others include, but are not limited to, the sale, offer for sale, and/or importation by Defendant of the components of the Infringing Devices, such as the cam or cam lever arm or the trigger assembly. The components are not suitable for substantial noninfringing use as they are specially designed and adapted to be used in a fire control unit to mechanically reset a trigger mechanism and infringe the '403 Patent.

163. Defendant has engaged in egregious infringement behavior with knowledge of the '403 Patent, which has been duly issued by the USPTO, and is presumed valid. On information and belief, Defendant has known or should have known that its actions constituted and continue to constitute infringement of the '403 Patent and that the '403 Patent is valid at least through the

service of this complaint. Defendant could not reasonably or subjectively believe that its actions do not constitute infringement of the '403 Patent, nor could it reasonably or subjectively believe that the patent is invalid. Despite that knowledge and subjective belief, and the objectively high likelihood that its actions constitute infringement, Defendant has continued its infringing activities. As such, Defendant willfully infringes the '403 Patent.

164. By its actions, Defendant has injured Plaintiffs and are liable to Plaintiffs for infringement of the '403 Patent pursuant to 35 U.S.C. § 271.

165. By its actions, Defendant's infringement of the '403 Patent has irreparably injured Plaintiffs. Unless such infringing acts are enjoined by this Court, Plaintiffs will continue to suffer additional irreparable injury.

166. By its actions, Defendant's infringement of the '403 Patent has damaged and continues to damage, Plaintiffs in an amount yet to be determined.

167. Defendant's infringement of the '403 patent is exceptional and entitles Plaintiffs to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

168. Defendant's acts of infringement are willful and for no other purpose than to deliberately and irreparably harm Plaintiffs' business, sales, reputation, and good-will.

169. Plaintiffs have been substantially harmed by Defendant's infringing activities and are entitled to relief including but not limited to a preliminary injunction, a permanent injunction, damages adequate to compensate for the infringement, being lost profits or no less than a reasonable royalty, treble damages, and attorneys' fees.

PRAYER FOR RELIEF

WHEREFORE, Plaintiffs respectfully request that this Court enter judgment against Defendant as follows:

- a. Each of the Asserted Patents has been and continues to be infringed by Defendant;

b. Defendant's infringement of each of the Asserted Patents has been, and continues to be, willful;

c. Each of the Asserted Patents is enforceable and not invalid;

d. A preliminary injunction enjoining Defendant and its principals, agents, successors, assigns, attorneys, servants, affiliates, employees, divisions, branches, subsidiaries, parents, and all others acting in active concert therewith from infringement or contributing to the infringement of each of the Asserted Patents during the pendency of this case; or other such equitable relief as the Court determines is warranted;

e. A permanent injunction enjoining Defendant and its principals, agents, successors, assigns, attorneys, servants, affiliates, employees, divisions, branches, subsidiaries, parents, and all others acting in active concert therewith from infringement or contributing to the infringement of each of the Asserted Patents; or other such equitable relief as the Court determines is warranted;

f. An award of damages adequate to compensate Plaintiffs for the infringement of each of the Asserted Patents that has occurred, together with pre-judgment interests and costs, post-judgment interests and costs, and an accounting;

g. An award of all other damages permitted by 35 U.S.C. § 284, including increased damages up to three times the amount of compensatory damages found;

h. An award of all profits received by Defendant from sales and revenues of any kind made as a result of its trademark infringement and unfair competition;

i. An award of all damages sustained by Plaintiffs as a result of Defendant's infringement, including ascertainable damages, the costs incurred by Plaintiffs for the costs for this action, and Plaintiffs' reasonable attorneys' fees;

j. A finding that this action is an exceptional case under 35 U.S.C. § 285, and an award to Plaintiffs of their costs and attorneys' fees incurred in this action; and

k. Any and all other relief, at law or equity, to which Plaintiffs may show themselves to be entitled or which this Court deems just and proper.

DEMAND FOR JURY TRIAL

Plaintiffs, under Rule 38 of the Federal Rules of Civil Procedure, request a trial by jury of any issues so triable by right.

Dated: July 27, 2026

Respectfully submitted,

/s/ Robert R. Lucic
Robert R. Lucic (NH Bar #9062)
SHEEHAN PHINNEY BASS & GREEN,
P.A.
1000 Elm Street, 17th Floor
Manchester, NH 03105-3701
Tel: (603) 627-8188
E-mail: rlucic@sheehan.com

Bryanna K. Devonshire (NH Bar #269462)
SHEEHAN PHINNEY BASS & GREEN,
P.A.
145 Maplewood Ave, Suite 120
Portsmouth, NH 03801
Tel: (603) 627-8109
E-mail: bdevonshire@sheehan.com

Glenn D. Bellamy (Pro Hac Vice
forthcoming)
WOOD HERRON & EVANS LLP
600 Vine Street, Suite 2800
Cincinnati OH 45202
E-mail: gbellamy@whe-law.com
Tel: (513) 707-0243
Fax: (513) 241-6234

Matthew A. Colvin (Pro Hac Vice
forthcoming)
Texas Bar No. 24087331

FISH & RICHARDSON P.C.

1717 Main Street, Suite 5000

Dallas, TX 75201

E-mail: colvin@fr.com

Tel: (214) 747-5070

Fax: (214) 747-2091

Decker A. Cammack (Pro Hac Vice
Application forthcoming)

Texas Bar No. 24036311

**WHITAKER, CHALK, SWINDLE &
SCHWARTZ, PLLC**

301 Commerce Street, Suite 3500

Fort Worth, TX 76102

E-mail: dcammack@whitakerchalk.com

Tel: (817) 878-0500

Fax: (817) 878-0501

Attorneys for Plaintiffs

ABC IP, LLC, and Rare Breed Triggers, Inc.