CLAIMS

~~What is claimed is:~~

1. A gas regulator for a rifle, comprising:

an elongated member having a first end and a second end;

a head portion located at the first end, the head portion having a diameter larger than a diameter of the elongated member;

a pair of openings passing through the elongated member, wherein one of the openings of the pair of openings is larger than the other one of the openings of the pair of openings; ~~and~~

a recessed area located at the second end;

a gas block, wherein the elongated member is slidably received within an opening of the gas block for linear movement between a first position and a second position, wherein one of the openings of the pair of openings through the elongated member provides fluid communication between a pair of openings in the gas block when the elongated member is in the first position and another one of the pair of openings through the elongated member provides fluid communication between the pair of openings in the gas block when the elongated member is in the second position, wherein the head portion is received within a counter sink portion of the gas block and is flush with the gas block when the elongated member is in the first position and wherein the head portion protrudes from the gas block when the elongated member is in the second position, wherein one end of each one of the openings of the pair of openings passing through the elongated member is in fluid communication with one of a pair of second recessed areas of the elongated member via a transition area, the pair of second recessed areas being located between the first end and the second end of the elongated member and the pair of second recessed areas each having a diameter greater than a diameter of the pair of openings passing through the elongated member.

2. The gas regulator as in claim 1, further comprising a pair of detent openings located on a portion of the elongated member, the pair of detent openings both being

located within a first recessed area located between the first end and the second end of the elongated member.

~~3. The gas regulator as in claim 2, wherein one end of each of the pair of openings passing through the elongated member are located within a recessed area of the elongated member.~~

~~4. The gas regulator as in claim 1, wherein one end of each of the pair of openings passing through the elongated member are located within a recessed area of the elongated member.~~

~~5. The gas regulator as in claim 1, further comprising a gas block, wherein the elongated member is slidably received within an opening of the gas block for movement between a first position and a second position, wherein one of the pair of openings through the elongated member provides fluid communication between a pair of openings in the gas block when the elongated member is in the first position and another one of the pair of openings through the elongated member provides fluid communication between the pair of openings in the gas block one the elongated member is in the second position.~~

~~6. The gas regulator as in claim 5, wherein the head portion is received within a counter sink portion of the gas block when the elongated member is in the first position.~~

~~7. The gas regulator as in claim 6, wherein the head portion protrudes from the gas block when the elongated member is in the second position.~~

~~8~~3. The gas regulator as in claim ~~1~~7, further comprising a spring biased detent configured to releasably retain the elongated member in the first and second positions by engaging a pair of detent openings located on a portion of the elongated member, the pair of detent openings both being received within a first recessed area located between the first end and the second end of the elongated member.

~~9~~4. The gas regulator as in claim 1~~5~~, further comprising: a locking sight pivotally secured to the gas block for movement between a first position and a second position; a first locking mechanism comprising a plurality of spring biased members for retaining the sight in the first position and the second position, the plurality of spring biased members being configured to allow for movement of the sight between the first position and the second position in response to a force applied to the sight; and a second locking mechanism configured to lock the sight in the second position and unlock the sight such that it may be moved from the second position, wherein the second locking mechanism must be manually released before the sight can be moved from the second position to the first position, wherein the sight is located proximate to a forward end of the rifle.

~~10~~5. The gas regulator as in claim 1~~5~~, wherein the gas block is configured to be mounted about a barrel of a rifle and wherein one of the openings of the pair of openings of the gas block is in fluid communication with the barrel when the gas block is mounted about the barrel.

~~11~~6. The gas regulator as in claim ~~10~~5, wherein the rifle is an automatic or semi-automatic rifle.

~~12. The gas regulator as in claim 10, wherein the head portion is received within a counter sink portion of the gas block when the elongated member is in the first position.~~

~~13. The gas regulator as in claim 12, wherein the head portion protrudes from the gas block when the elongated member is in the second position.~~

7~~14~~. The gas regulator as in claim 5~~13~~, further comprising: a spring biased detent configured to releasably retain the elongated member in the first and second positions by engaging a pair of detent openings located on a portion of the elongated member, the pair of detent openings both being received within a first recessed area located between the first end and the second end of the elongated member; a locking sight pivotally secured to the gas block for movement between a first position and a second position; a first locking mechanism comprising a plurality of spring biased members for retaining

the sight in the first position and the second position, the plurality of spring biased members being configured to allow for movement of the sight between the first position and the second position in response to a force applied to the sight; and a second locking mechanism configured to lock the sight~~tower~~ in the second position and unlock the sight such that it may be moved from the second position, wherein the second locking mechanism must be manually released before the sight can be moved from the second position to the first position, wherein the sight is located proximate to a forward end of the rifle.

8~~15~~. A gas block for a rifle, comprising:

a gas regulator having a first end and a second end;

a pair of openings passing through the gas regulator, wherein one of the openings of the pair of openings is larger than the other one of the openings of the pair of openings; and

wherein the gas regulator is slidably received within an opening of the gas block for linear movement between a first position and a second position, wherein one of the openings of the pair of openings through the gas regulator provides fluid communication between a pair of openings in the gas block when the gas regulator is in the first position and another one of the openings of the pair of openings through the gas regulator provides fluid communication between the pair of openings in the gas block when the gas regulator is in the second position, wherein the gas regulator~~.~~

~~16. The gas block as in claim 15, further~~ comprise~~s~~ing a head portion located at the first end, the head portion having a diameter larger than a diameter of the gas regulator, wherein the head portion is received within a counter sink portion of the gas block and is flush with the gas block when the gas regulator is in the first position and~~.~~

~~17. The gas block as in claim 16,~~ wherein the head portion protrudes from the gas block when the gas regulator is in the second position, wherein one end of each one of the openings of the pair of openings passing through the gas regulator is in fluid communication with one of a pair of second recessed areas of the gas regulator via a transition area, the pair of second recessed areas being located between the first end and

the second end of the gas regulator and the pair of second recessed areas each having a diameter greater than a diameter of the pair of openings passing through the gas regulator.

~~9~~18. The gas block as in claim ~~8~~17, further comprising a spring biased detent configured to releasably retain the gas regulator in the first and second positions by engaging a pair of detent openings located on a portion of the gas regulator, the pair of detent openings both being located within a first recessed area located between the first end and the second end of the gas regulator.

~~10~~19. A rifle, comprising:

a barrel;

a gas block having a pair of openings wherein one of the pair of openings is in fluid communication with the barrel;

a gas regulator having a first end and a second end;

a pair of openings passing through the gas regulator, wherein one of the openings of the pair of openings passing through the gas regulator is larger than the other one of the openings of the pair of openings passing through the gas regulator; and

wherein the gas regulator is slidably received within an opening of the gas block for linear movement between a first position and a second position, wherein one of the openings of the pair of openings through the gas regulator provides fluid communication between the pair of openings in the gas block when the gas regulator is in the first position and another one of the openings of the pair of openings through the gas regulator provides fluid communication between the pair of openings in the gas block when the gas regulator~~elongated member~~ is in the second position and wherein the gas regulator~~.~~

~~20. The rifle as in claim 19,~~ further comprise~~sing~~ a head portion located at the first end, the head portion having a diameter larger than a diameter of the gas regulator, wherein the head portion is received within a counter sink portion of the gas block and is flush with the gas block when the gas regulator is in the first position and wherein the head portion protrudes from the gas block when the gas regulator is in the second

position, wherein one end of each one of the openings of the pair of openings passing through the gas regulator is in fluid communication with one of a pair of second recessed areas of the gas regulator via a transition area, the pair of second recessed areas being located between the first end and the second end of the gas regulator and the pair of second recessed areas each having a diameter greater than a diameter of the pair of openings passing through the gas regulator.