

What is claimed is:

1. A drug delivery device comprising:
 - a housing defining a longitudinal axis and having an opening;
 - a drug storage container including a delivery member having an insertion end configured to extend at least partially through the opening during a delivery state, the drug storage container coupled with the housing such as to substantially prevent relative movement therebetween;
 - a plunger moveable in a distal direction with respect to the drug storage container to expel a drug from the drug storage container through the delivery member;
 - a plunger biasing member configured to urge the plunger in the distal direction;
 - a guard positioned adjacent to the opening, the guard operably coupled with the plunger biasing member such that a relative movement between the guard and the housing along the longitudinal axis permits release of the plunger biasing member; and
 - a lock component configured to resist the relative movement between the guard and the housing until the lock component is released by a user force, wherein resistance from the lock component induces a user to increase the user force and when the lock component is released the user force drives the housing and the drug storage container toward an injection site.
2. The drug delivery device of claim 1, wherein the lock component includes a lock ring rotatable with respect to the housing about the longitudinal axis, the lock ring having a first position where the lock ring resists the relative movement between the guard and the housing and a second position where the lock ring does not resist the relative movement between the guard and the housing.
3. The drug delivery device of claim 2, wherein the lock ring includes a lock arm having a base and a deflectable end, wherein deflection of the deflectable end permits the lock ring to rotate between the first position and the second position.
4. The drug delivery device of claim 3, wherein the deflectable end includes a lock ridge.
5. The drug delivery device of any of claims 2 through 4, wherein the guard includes an inertial rib configured to engage the lock ring and resist rotational movement of the lock ring relative to the housing.
6. The drug delivery device of claim 5, wherein the inertial rib is configured to engage the deflectable end of the lock arm and resist movement of the lock ring from the first position to the second position.
7. The drug delivery device of claim 6, wherein the guard further includes a camming rib configured to engage a first camming surface of the lock ring and urge the lock ring towards the second position.
8. The drug delivery device of claim 7, wherein the lock ring further includes:
 - a second camming surface configured to engage the guard and urge the lock ring towards a third position; and
 - a stop ridge configured to selectively engage the guard and limit or resist relative movement between the guard and the lock ring along the longitudinal axis when the lock ring is in the third position.

9. The drug delivery device of claim 2, wherein:
the guard includes a first proximally-facing camming surface,
the housing includes a first distally-facing camming surface, and
the lock ring includes a second distally-facing camming surface and a second proximally-facing camming surface
configured to engage respectively the first proximally-facing camming surface of the guard and the first distally-facing camming
surface of the housing when the lock ring is in the first position to resist proximal movement of the guard.
10. The drug delivery device of claim 9, wherein one or more of the first proximally-facing camming surface of the
guard and the first distally-facing camming surface of the housing urges the lock ring to rotate from the first position toward the
second position during proximal movement of the guard.
11. The drug delivery device of any of claim 10, wherein the second distally-facing camming surface of the lock ring is
configured to disengage from the first proximally-facing camming surface of the guard when the lock ring rotates into the second
position.
12. The drug delivery device of any of claims 9 through 11, wherein any two or combination of the following are parallel
to each other: the first proximally-facing camming surface of the guard, the first distally-facing camming surface of the housing,
the second distally-facing camming surface of the lock ring, and the second proximally-facing camming surface of the lock ring.
13. The drug delivery device of any of claims 9 through 12, wherein the lock ring includes a radially outwardly
extending protrusion and the radially outwardly extending protrusion includes the second distally-facing camming surface.
14. The drug delivery device of any of claims 9 through 13, wherein the guard includes a radially inwardly extending
protrusion and the radially inwardly extending protrusion includes the first proximally-facing camming surface.
15. A drug delivery device comprising:
a housing defining a longitudinal axis and having an opening;
a drug storage container including a delivery member having an insertion end configured to extend at least partially
through the opening during a delivery state, the drug storage container coupled with the housing such as to substantially prevent
relative movement therebetween;
a plunger moveable in a distal direction with respect to the drug storage container to expel a drug from the drug storage
container through the delivery member;
a plunger biasing member configured to urge the plunger in the distal direction;
a guard positioned adjacent to the opening such that the housing has a first position with respect to the guard where
the plunger biasing member is locked and a second position with respect to the guard where the plunger biasing member is
unlocked; and
a lock component configured to maintain the housing in the first position until the lock component is released by a user
force, wherein resistance from the lock components induces a user to increase the user force and when the lock component is
released the user force drives the housing and the drug storage container toward an injection site.
16. The drug delivery device of claim 15, wherein the lock component includes a lock ring rotatable with respect to the
housing about the longitudinal axis, the lock ring having a first position where the lock ring resists the relative movement between

the guard and the housing and a second position where the lock ring does not resist the relative movement between the guard and the housing.

17. The drug delivery device of claim 16, wherein the lock ring includes a lock arm having a base and a deflectable end, wherein deflection of the deflectable end permits the lock ring to rotate between the first position and the second position.

18. The drug delivery device of claim 17, wherein the deflectable end includes a lock ridge.

19. The drug delivery device of any of claims 16 through 18, wherein the guard includes an inertial rib configured to engage the lock ring and resist rotational movement of the lock ring relative to the housing.

20. The drug delivery device of claim 19, wherein the inertial rib is configured to engage the deflectable end of the lock arm and resist movement of the lock ring from the first position to the second position.

21. The drug delivery device of claim 20, wherein the guard further includes a camming rib configured to engage a first camming surface of the lock ring and urge the lock ring towards the second position.

22. The drug delivery device of claim 21, wherein the lock ring further includes:
a second camming surface configured to engage the guard and urge the lock ring towards a third position; and
a stop ridge configured to selectively engage the guard and limit or resist relative movement between the guard and the lock ring along the longitudinal axis when the lock ring is in the third position.

23. The drug delivery device of claim 16, wherein:
the guard includes a first proximally-facing camming surface,
the housing includes a first distally-facing camming surface, and
the lock ring includes a second distally-facing camming surface and a second proximally-facing camming surface configured to engage respectively the first proximally-facing camming surface of the guard and the first distally-facing camming surface of the housing when the lock ring is in the first position to resist proximal movement of the guard.

24. The drug delivery device of claim 23, wherein one or more of the first proximally-facing camming surface of the guard and the first distally-facing camming surface of the housing urges the lock ring to rotate from the first position toward the second position during proximal movement of the guard.

25. The drug delivery device of any of claim 24, wherein the second distally-facing camming surface of the lock ring is configured to disengage from the first proximally-facing camming surface of the guard when the lock ring rotates into the second position.

26. The drug delivery device of any of claims 23 through 25, wherein any two or combination of the following are parallel to each other: the first proximally-facing camming surface of the guard, the first distally-facing camming surface of the housing, the second distally-facing camming surface of the lock ring, and the second proximally-facing camming surface of the lock ring.

27. The drug delivery device of any of claims 23 through 26, wherein the lock ring includes a radially outwardly extending protrusion and the radially outwardly extending protrusion includes the second distally-facing camming surface.

28. The drug delivery device of any of claims 23 through 27, wherein the guard includes a radially inwardly extending protrusion and the radially inwardly extending protrusion includes the first proximally-facing camming surface.

29. A method of delivering a drug to a user, comprising:

providing a drug delivery device including a housing, a drug storage container having a delivery member and coupled with the housing such as to substantially prevent relative movement therebetween, a plunger movable with respect to the drug storage container to expel a drug from the drug storage container through the delivery member, a plunger biasing member configured to urge the plunger in the distal direction, a guard coupled with the housing, and a lock component configured to resist relative movement between the guard and the housing;

placing the drug delivery device in contact with the user such that the guard surrounds an injection site of the user; and

applying a user force to the housing toward the injection site sufficient to overcome the lock component and permit relative movement between the housing and the guard, thereby driving the housing and the drug storage container toward the injection site.