

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 barrel, a stopper and a delivery member, the stopper movably positioned within the barrel, the delivery member positioned at a distal end of the barrel and having an insertion end configured to extend at least partially through the opening during a delivery state;

a plunger moveable toward the distal end of the drug storage container to engage the stopper and expel a drug from the drug storage container through the delivery member, the plunger including a body portion and a shock absorbing portion; and

a plunger biasing member coupled with the plunger and configured to urge the plunger toward the distal end of the drug storage container.

2. The drug delivery device of claim 1, wherein the shock absorbing portion includes a collapsible portion.

3. The drug delivery device of claim 2, wherein the collapsible portion includes at least one collapsible leg, at least two collapsible legs, or at least four collapsible legs.

~~4. The drug delivery device of claim 3, wherein the collapsible portion includes at least two collapsible legs.~~

~~5. The drug delivery device of claim 4, wherein the collapsible portion includes at least four collapsible legs.~~

46. The drug delivery device ~~of any one~~ of claims 2 or 3-5, wherein the shock absorbing portion includes a foot coupled with the collapsible portion.

57. The drug delivery device of claim 46, wherein the foot defines a distal end of the plunger configured to engage the stopper and wherein the collapsible portion is positioned between and operatively couples the foot and the plunger body portion.

68. The drug delivery device of claim 57, wherein the shock absorbing portion has an extended position defining a first distance between the foot and the plunger body portion and a collapsed position defining a second distance between the foot and the plunger body, and wherein the first distance is larger than the second distance.

79. The drug delivery device of claim 68, wherein the shock absorbing portion includes a hard stop defining the collapsed position.

840. The drug delivery device of claim 79, wherein the hard stop includes at least one pair of protrusions extending towards each other along the longitudinal axis.

~~11. The drug delivery device of claim 10, wherein the hard stop includes two pairs of protrusions, each extending towards each other along the longitudinal axis.~~

942. The drug delivery device of any one of claims 1-844, wherein the body portion has a hollow tubular shape.

103. The drug delivery device of any one of claims 1-942, wherein the body portion includes a non-metal material, and wherein the shock absorbing portion is defined by the non-metal material.

~~14. The drug delivery device of claim 13, wherein the shock absorbing portion is defined by the non-metal material.~~

115. The drug delivery device of ~~any one of claims~~ 103-14, wherein the non-metal material is a thermoplastic material.

126. A plunger configured for use in a drug delivery device, the plunger comprising:
a body portion having a proximal end and a distal end; and
a shock absorbing portion positioned adjacent to the distal end of the body portion, the shock absorbing portion including at least one collapsible leg.

~~17. The plunger of claim 16, wherein the at least one collapsible leg includes at least two collapsible legs.~~

~~18. The plunger of claim 16, wherein the at least one collapsible leg includes at least four collapsible legs.~~

139. The plunger of ~~any one of claims~~ 126-18, wherein the shock absorbing portion includes a foot coupled with the at least one collapsible leg.

1420. The plunger of claim 139, wherein the foot is disposed at the distal end of the body portion and wherein the at least one collapsible leg is positioned between and operatively couples the foot and a remainder of the body portion.

1524. The plunger of claim 1420, wherein the shock absorbing portion has an extended position defining a first distance between the foot and the remainder of the body portion and a collapsed position defining a second distance between the foot and the remainder of the body portion, and wherein the first distance is larger than the second distance.

1622. The plunger of claim 1524, wherein the shock absorbing portion includes a hard stop defining the collapsed position.

1723. The plunger of claim 1622, wherein the hard stop includes at least one pair of protrusions extending towards each other along the longitudinal axis.

~~24. The plunger of claim 23, wherein the hard stop includes two pairs of protrusions, each extending towards each other along the longitudinal axis.~~

1825. The plunger of any one of claims 126-1724, wherein the body portion has a hollow tubular shape.

1926. The plunger of any one of claims 126-1825, wherein the body portion includes a non-metal material, and wherein the shock absorbing portion is defined by the non-metal material.

~~27. The plunger of claim 26, wherein the shock absorbing portion is defined by the non-metal material.~~

208. The plunger of ~~any one of~~ claims ~~1926-27~~, wherein the non-metal material is a thermoplastic material.