## Claims

What is claimed is:

1. An automatic injection device, comprising:

a housing enclosing a cavity for accommodating a container~~;~~, the housing having a proximal portion adapted to be gripped by a hand of a user and a distal portion adapted to perform an injection on the user, the proximal portion having an irregular tubular shape in which a front face and an opposite back face are planar, and first and second side faces are convex;

a first overmolded gripping surface extending longitudinally along a portion of the housing on ~~a first exterior surface~~ the first convex side face of the housing; and

a second overmolded gripping surface extending longitudinally along a portion of the housing on ~~a second exterior surface~~ the second convex side face of the housing opposite to the first ~~exterior surface~~convex side face.

2. The automatic injection device of claim 1, wherein the first and second overmolded gripping surfaces on the housing include one or more grooves and/or ridges for facilitating gripping and manipulation of the automatic injection device.

3. The automatic injection device of claim 1, wherein the first and second overmolded gripping surfaces on the housing are formed of a first material having a first touch perception, and non-gripping surfaces on the housing are formed of a second material having a second touch perception.

4. The automatic injection device of claim 1, wherein the first and second overmolded gripping surfaces on the housing are formed of a first material having a first hardness, and non-gripping surfaces on the housing are formed of a second material having a second, higher hardness.

a proximal terminal end for covering a proximal end of the automatic injection device, the proximal terminal end having an overmolded exterior surface.

13. The automatic injection device of claim 12, wherein a top surface of the proximal terminal end includes a recessed surface for directing and facilitating gripping of the automatic injection device.

14. The automatic injection device of claim 1, further comprising:

a transparent inspection window disposed in the housing to allow inspection of the contents of the container.

15. The automatic injection device of claim 14, wherein, at the end of an injection, the inspection window is filled with a visual indicator.

16. The automatic injection device of claim 1, wherein ~~a~~ the proximal portion of the device is configured for ergonomic and reliable gripping by a user's hand ~~has an irregular tubular shape in which a front face and an opposite back face are planar and in which first and second side faces are convex, for ergonomic and reliable gripping of the proximal portion by a user's hand~~.

17. The automatic injection device of claim ~~16~~1, wherein the first and second overmolded gripping surfaces are disposed at the proximal portion of the device and extend across portions of the first and second side faces.

18. The automatic injection device of claim 1, wherein the housing comprises a plurality of housing components cooperatively engaged to define the cavity therein.

19. The automatic injection device of claim 1, wherein the container holds a dose of a TNF inhibitor.

20. The automatic injection device of claim 19, wherein the TNF inhibitor is adalimumab.

21. A method for assembling an automatic injection device, the method comprising:

providing a housing enclosing a cavity for accommodating a container;

overmolding, on the housing, a first gripping surface extending longitudinally along a portion of the housing on a first exterior surface of the housing; ~~and~~

overmolding, on the housing, a second gripping surface extending longitudinally along a portion of the housing on a second exterior surface of the housing opposite to the first exterior surface~~.~~;

overmolding a gripping surface on a firing button to facilitate activation of the firing button; and

providing the firing button within the cavity so that part of the firing button protrudes from an aperture in the housing.

22. The method of claim 21, wherein the first and second gripping surfaces on the housing include one or more grooves and/or ridges for facilitating gripping and manipulation of the automatic injection device.

23. The method of claim 21, wherein the first and second gripping surfaces on the housing are formed of a first material having a first touch perception, and non-gripping surfaces on the housing are formed of a second material having a second touch perception.

24. The method of claim 21, wherein the first and second gripping surfaces on the housing are formed of a first material having a first hardness, and non- gripping surfaces on the housing are formed of a second material having a second, higher hardness.

25. The method of claim 21, further comprising:

overmolding a gripping surface on an exterior surface of a distal cap to facilitate gripping and removal of the distal cap; and

coupling the distal cap to a distal end of the housing for protectively covering an injection needle.

26. The method of claim 25, wherein the exterior surface of the distal cap includes one or more grooves and/or ridges for facilitating gripping and removal of the distal cap.

~~27. The method of claim 21, further comprising:~~

~~overmolding a gripping surface on a firing button to facilitate activation of the firing button; and~~

~~providing the firing button within the cavity so that part of the firing button protrudes from an aperture in the housing.~~

~~28~~27. The method of claim ~~27~~ 21, wherein the firing button is positioned along a transverse axis perpendicular to a longitudinal axis of the device.

~~29~~28. The method of claim ~~27~~ 21, further comprising:

forming a recessed surface abutting the firing button.

~~30~~29. The method of claim ~~29~~28, wherein the recessed surface is provided surrounding the firing button.

~~31~~30. The method of claim 21, further comprising:

overmolding a gripping surface on an exterior surface of a proximal terminal end; and

coupling the proximal terminal end to a proximal end of the housing.

~~32~~31. The method of claim ~~31~~30, wherein a top surface of the proximal terminal end includes a recessed surface for facilitating gripping of the automatic injection device.

~~33~~32. An automatic injection device, comprising:

a housing enclosing a cavity for accommodating a container, the housing comprising:

a first overmolded gripping region,

a second overmolded gripping region, and

a recessed region abutting the first and second overmolded gripping regions.

~~34~~33. The automatic injection device of claim ~~33~~32, wherein the recessed region of the housing is disposed between the first and second overmolded gripping regions of the housing.

~~35~~34. The automatic injection device of claim ~~33~~32, wherein a width of the housing at the recessed region is smaller than a width of the housing at the first overmolded gripping region and a width of the housing at the second overmolded gripping region.

~~36~~35. The automatic injection device of claim ~~33~~32, wherein the recessed region of the housing lacks a gripping surface.

~~37~~36. The automatic injection device of claim ~~33~~32, wherein the first overmolded gripping region is formed by a proximal terminal end of the housing having an exterior surface that is overmolded with a gripping surface.

~~38~~37. The automatic injection device of claim ~~33~~32, wherein the second overmolded gripping region of the housing has a tapered tubular structure.