

Claims

1. An injection device comprising:
a housing adapted to receive a syringe having a discharge nozzle, the syringe
5 being moveable in the housing on actuation of the injection device along a longitudinal
axis from a retracted position in which the discharge nozzle is contained within the
housing and an extended position in which the discharge nozzle of the syringe extends
from the housing through an exit aperture;
a sliding component which protrudes, when in a first position, from the aperture
10 in the housing,
wherein the sliding component is movable into the housing into a second
position,
wherein the sliding component comprises a contact surface located at a first end
of the sliding component which protrudes from the housing when the sliding component
15 is in its first position; and
wherein the first end of the sliding component flares outwardly towards the
contact surface.
2. A device according to claim 1, wherein the sliding component is a sliding sleeve.
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3. A device according to claim 1 or claim 2, further comprising:
an actuator; and
a drive adapted to be acted upon by the actuator and in turn act upon the
syringe to advance it from its retracted position to its extended position and discharge
25 its contents through the discharge nozzle.
4. A device according to any one of the preceding claims, wherein the sliding
component is part of a locking mechanism moveable from an engaged position in a
direction into the housing at the exit aperture into a disengaged position and adapted to
30 prevent actuation of the device when it is in its engaged position and permit actuation of
the device when it is in its disengaged position.
5. A device according to any one of the preceding claims, wherein the contact
surface comprises a flange.
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6. A device according to any one of the preceding claims, wherein the contact
surface extends perpendicularly to a longitudinal axis of the sliding component.

7. A device according to claim 1, wherein the sliding component flares uniformly outwardly towards the contact surface.
- 5 8. A device according to any one of the preceding claims, wherein the contact surface extends outwardly from the sliding component.
9. A device according to any one of the preceding claims, wherein the contact
10 surface is located on an exterior surface of the first end of the sliding component.
10. A device according to any one of the preceding claims, wherein the contact surface extends inwardly from the sliding component.
- 15 11. A device according to any one of the preceding claims, wherein the contact surface is located on an interior surface of the first end of the sliding component.
12. A device according to any one of the preceding claims further comprising a cap removably located over the exit aperture.
- 20 13. A device according to claim 12, wherein the cap comprises a body and a sleeve located within the body and fixed relative to the body.
14. A device according to claim 12 or claim 13, wherein an interior of the cap is
25 shaped to receive the contact surface.
15. A device according to claim 14, wherein the interior of the cap comprises at least one rib.
- 30 16. A device according to claim 15, wherein the interior of the cap comprises a plurality of ribs.
17. A device according to claim 15 or claim 16, wherein the at least one rib permits the cap to shapingly conform with the contact surface when the cap is over the exit
35 aperture.

18. A device according to any one of claims 15 to 17, further comprising a retaining means on the housing and/or the cap for retaining the cap over the exit aperture.
19. A device according to any one of the preceding claims wherein a first end of the
5 housing closest to the contact surface is shaped to receive the contact surface when the sliding component is moved in a direction into the housing.
20. A device according to any one of the preceding claims, wherein the contact surface is removable from the sliding component.