A unit dose container for the containment of an intranasal formulation for use with the POD device.
REPLACEMENT CLAIMS

1. An intranasal device for delivering a compound to an olfactory region of a nasal cavity comprising:
   a canister capable of containing a propellant,
   a diffuser in communication with the canister,
   a container cavity, a unit dose container accepted by the container cavity, the unit dose container in communication with the diffuser, the unit dose container capable of containing a compound,
   a front puncture member and a rear puncture member wherein the puncture member is capable of puncturing an end of the unit dose container and
   a nozzle in communication with the unit dose container,
   wherein the device is capable of delivering the compound to the olfactory region of the nasal cavity.

2. The device of claim 1 wherein the puncture member has an angle of puncture of 90 degrees, 60 degrees, 45 degrees, 30 degrees or 15 degrees or combinations thereof.

3. The device of claim 1 wherein the puncture member further comprises a side orifice.

4. The device of claim 1 further comprising a unit dose container containing a compound.

5. The device of claim 1 wherein the end of the unit dose container further includes a rubber stopper or a foil seal or combinations thereof.
6. The device of claim 1 wherein the end of the unit dose container includes a puncture area.

7. The device of claim 9 wherein the puncture area is a dimple.

8. The device of claim 1 wherein the puncture member is metal or Teflon or combinations thereof.

9. The device of claim 1 wherein the unit dose container is made of a polymer or glass.

10. The device of claim 12 where the polymer is polyethylene, ethyl vinyl alcohol copolymer, low-density polyethylene, high-density polyethylene, or polypropylene.

11. The device of claim 1 wherein the unit dose container is substantially cylinder-shaped, cone-shaped, tube-shaped, rectangular-shape, polygonal, hexagonal or oval-shaped.

12. The device of claim 1 wherein the unit dose container is formed by injection molding, blow molding, injection blow molding, or a blow-fill-seal process.

13. The device of claim 1 wherein the diffuser is a frit.

14. The device of claim 7 wherein the compound is an intranasal formulation.