What is claimed is:

1. A delivery device comprising:

a main body including a central region and a peripheral region, the central region having a top surface spaced apart from and connected to a base, the peripheral region being defined by a plurality of petal members and a plurality of first slots therebetween, the plurality of petal members extending outward from the base;

an adhesive coupled to at least a part of the main body; and

a collapsible reservoir coupled to at least one delivery sharp.

2. The delivery device of claim 1, wherein the top surface is convex, and wherein the top surface includes a plurality of second slots therein.

3. The delivery device of claim 1, wherein the central region includes a plurality of fenestrations disposed in a ring along a perimeter of the top surface.

4. The delivery device of claim 1, further comprising a sharp bearing body including the at least one delivery sharp, the sharp bearing body being coupled to the collapsible reservoir, wherein the collapsible reservoir is coupled to an inside surface of the central region.

5. The delivery device of claim 4, wherein when the delivery device is in the storage state, the collapsible reservoir contains a fluid and the adhesive is affixed to a penetrable surface of a member external to the delivery device, and wherein when the delivery device is in the delivery state, the penetrable surface has been stretched by the adhesive, the at least one delivery sharp has penetrated the penetrable surface, and the collapsible reservoir has been urged to at least partially collapse, enabling the fluid to enter the member through the penetrable surface via the at least one delivery sharp.

6. The delivery device of claim 4, wherein when the delivery device is in the storage state, the collapsible reservoir contains a fluid and the adhesive is affixed to a penetrable surface of a member external to the delivery device, and wherein when the delivery device is in the delivery state, the penetrable surface has been stretched by the adhesive, the at least one delivery sharp has penetrated the penetrable surface, and the collapsible reservoir has been urged to at least partially collapse, enabling the fluid to enter the member through the penetrable surface via the at least one delivery sharp.

7. The delivery device of claim 4, wherein the at least one delivery sharp is a microneedle including a flow lumen with an elongate cross-section.

8. The delivery device of claim 1, wherein an interior volume of the reservoir is partitioned into a first section and a second section.

9. The delivery device of claim 8, wherein the first section and second section are in fluid communication with one another through at least one flow restrictor.

10. The delivery device of claim 8, wherein the first section has a variable interior volume and the second section has a fixed interior volume smaller than the variable interior volume.

11. The delivery device of claim 10, wherein the fixed interior volume is more proximal the at least one delivery sharp than the variable interior volume.

12. The delivery device of claim 6, wherein at least a part of a first one of the plurality of petal members is configured to move farther away from at least a corresponding part of a second one of the plurality of petal members during at least a part of the transition between the storage state and the delivery state, the first and second petal members being positioned opposite each other.

13. The delivery device of claim 1, wherein the adhesive is coupled to at least a part of at least two of the plurality of petal members on sides thereof most distal to the top surface.

14. The delivery device of claim 1, wherein the top surface is configured to transition the delivery device, in response to pressure applied thereon, from a storage state in which the top surface is convex, to a delivery state in which the top surface is concave.

15. The delivery device of claim 1, wherein the reservoir includes an orifice plate.

16. A delivery device comprising:

a main body including a central region coupled to a peripheral region, the central region being shaped substantially as a thimble having a top surface and a base, the peripheral region surrounding the central region and having an inner perimeter and an outer perimeter, the inner perimeter being coupled to the base such that the peripheral region extends outward from the base, the peripheral region including a plurality of first slots extending inward from the outer perimeter;

an adhesive coupled to at least a part of the main body; and

a collapsible reservoir coupled to the main body and to at least one delivery sharp.

17. The delivery device of claim 16, wherein the top surface is convex and includes a plurality of second slots therein.

18. The delivery device of claim 17, wherein the plurality of second slots extend outward with respect to a center point of the top surface.

19. The delivery device of claim 16, wherein the central region includes a plurality of fenestrations disposed along a perimeter of the top surface.

20. The delivery device of claim 16, wherein the top surface is configured to transition the delivery device, in response to pressure applied thereon, from a storage state in which the top surface is convex, to a delivery state in which the top surface is concave.

21. The delivery device of claim 20, wherein the main body has a footprint with an area and is configured such that the area increases during at least a part of the transition between the storage state and the delivery state.

22. The delivery device of claim 16, wherein when the delivery device is in a storage state, the collapsible reservoir contains a fluid and the adhesive is affixed to a penetrable surface of a member external to the delivery device, and wherein when the delivery device is in a delivery state, the penetrable surface has been stretched by the adhesive, the at least one

delivery sharp has penetrated the penetrable surface, and the collapsible reservoir is urged to at least partially collapse, enabling the fluid to enter the member through the penetrable surface via the at least one delivery sharp.

23. The delivery device of claim 16, wherein the adhesive is coupled to at least a part of a side of the peripheral region most distal to the top surface.

24. The delivery device of claim 23, wherein the at least a part of the side includes first and second areas between two pairs of adjacent first slots of the plurality of first slots.

25. A delivery device comprising:

a main body including a peripheral region and a central region extending proud of the peripheral region and having a top surface and a base, the peripheral region including a number of bodies spaced apart by slits which extend from the periphery of the peripheral region toward the central region;

an adhesive coupled to at least a part of the main body; and

a collapsible reservoir coupled to the main body and to at least one delivery sharp.

26. The delivery device of claim 25, wherein the main body has a first state and a second state, the main body including at least one partially invertible region which is in a first shape in the first state and in the second state is substantially inverted with respect to the first shape over at least a portion of the of the invertible region.

27. The delivery device of claim 26, wherein the at least one partially invertible region includes the top surface.

28. The delivery device of claim 26, wherein the main body further comprises a static region which is substantially the same shape when the main body is in the first state and the second state.

29. The delivery device of claim 28, wherein the static region is included in the central region and extends from a periphery of the top surface to the base.

30. The delivery device of claim 26, wherein the main body is configured such that at least two of the bodies of the peripheral region spreadingly displace as the main body transitions from the first state to the second state.

31. The delivery device of claim 26, wherein the top surface is convex in the first state.

32. The delivery device of claim 26, wherein the top surface is concave in the second state.

33. The delivery device of claim 25, wherein the reservoir is formed as an assembly including a holder to which the microneedle is coupled and a flexible body coupled to the holder, there being a sealed reservoir volume defined between a portion of the holder and a portion of the flexible body.

34. A delivery device comprising:

a main body including a central region and a peripheral region having a plurality of petal members extending outwardly from the central region, the central region defining a receptacle and having a top region and a base which are connected by a wall;

a collapsible reservoir including at least one delivery sharp, the reservoir coupled to the main body and at least partially disposed within the receptacle; and

an adhesive disposed on at least a portion of the main body.

35. The delivery device of claim 34, wherein the reservoir comprises a rigid portion and a flexible portion coupled to the rigid portion, a sealed interior volume of the reservoir being defined between the rigid portion and the flexible portion, the at least one delivery sharp being coupled to the rigid portion.

36. The delivery device of claim 35, wherein the rigid portion includes a stage projection.

37. The delivery device of claim 36, wherein the at least one delivery sharp is coupled to the stage projection and projects therefrom at an acute angle with respect to the rigid portion.

38. The delivery device of claim 34, wherein the main body includes a ridge adjacent the receptacle, the ridge forming a mounting surface for the reservoir.

39. The delivery device of claim 34, wherein the delivery device further comprises a packet disposed in the receptacle between the top region and the reservoir.

40. The delivery device of claim 39, wherein the packet is a gas bladder.

41. The delivery device of claim 39, wherein the packet contains a means for applying pressure to the reservoir.

42. The delivery device of claim 39, wherein the packet is configured to rupture when subjected to more than a threshold pressure, the packet disposed within a container and including a first substance, the container containing a second substance, the first and second substances configured to react when combined to expand the volume of the container.

43. The delivery device of claim 39, wherein the packet is configured to rupture when subjected to more than a threshold pressure, the packet disposed within a container and filled with a first substance, the container containing a second substance, the first and second substances configured to partake in a chemiluminescent reaction when combined.

44. The delivery device of claim 34, wherein the delivery device further comprises a bias member disposed within the receptacle between the top region and the reservoir.

45. The delivery device of claim 44, wherein the bias member is a conical spring.

46. The delivery device of claim 44, wherein the main body includes a plurality of locating projections which constrain the bias member and the bias member is coupled to the main body.

47. The delivery device of claim 34, wherein the delivery device further comprises a dispensing assembly including a depressor body, a reservoir interface member, and a bias member each of which being at least partially disposed within the receptacle between the reservoir and the top region.

48. The delivery device of claim 34, wherein an interior volume of the reservoir is partitioned into a first portion and a second portion.

49. The delivery device of claim 48, wherein the first portion and second portion are in fluid communication via at least one flow restrictor.

50. The delivery device of claim 48, wherein the first and second portion are in fluid communication via at least one orifice in an orifice plate separating the first and second portion.

51. The delivery device of claim 48, wherein the first portion has a variable interior volume and the second portion has a substantially fixed interior volume, the second portion being adjacent the at least one delivery sharp.

52. The delivery device of claim 34, wherein the at least one delivery sharp includes a spaced array of microneedles.

53. A delivery device comprising:

a main body including a central region and a peripheral region having a plurality of petal members extending outwardly from the central region, the central region defining a receptacle and having a top region and a base which are connected by a wall;

a collapsible reservoir including at least one delivery sharp, the reservoir coupled to the main body and at least partially disposed within the receptacle;

a dispensing assembly at least partially disposed within the receptacle between the reservoir and the top region; and

an adhesive disposed on at least a portion of the main body.

54. The delivery device of claim 53, wherein the dispensing assembly includes a depressor body, at least one bias member, and a reservoir interface member.

55. The delivery device of claim 53, wherein the depressor body includes a portion which projects through an aperture in the top region.

56. The delivery device of claim 55, wherein the depressor body includes a detent.

57. The delivery device of claim 55, wherein the portion of the depressor body includes at least one notch and has a cross-sectional shape which is not circular and not a regular polygon.

58. The delivery device of claim 53, wherein the bias member includes a bow spring.

59. The delivery device of claim 53, wherein the bias member includes a peripheral region and a number of bias projection extending inwardly therefrom, the main body including a number of slots, the bias projections extending through the slots and into the receptacle.

60. The delivery device of claim 53, wherein the reservoir interface member is integral with the depressor body.

61. The delivery device of claim 53, wherein the dispensing assembly includes a coil spring and a reservoir interface member.

62. The delivery device of claim 61, wherein the reservoir interface member is formed by a terminal portion of the spring which is routed in a pattern in a plane adjacent an end of the coils of the spring.

63. The delivery device of claim 53, wherein the dispensing assembly includes a spring and the dispensing assembly is out of contact with the reservoir when the delivery device is in a storage state.

64. The delivery device of claim 63, wherein the spring is in an unstressed state in the storage state.

65. A delivery device comprising:

a main body including a peripheral region having a number of petal members and a central region extending proud of the peripheral region and having a top surface and a base;

an adhesive coupled to at least a part of the main body;

a reservoir including at least one flexible portion, the at least one flexible portion including a cavity defined by a first wall including a collapse facilitator; and

at least one delivery sharp in fluid communication with the reservoir.

66. The delivery device of claim 65, wherein the collapse facilitator includes a bellows.

67. The delivery device of claim 65, wherein the collapse facilitator includes a pleat which extends around the wall in a spiral manner.

68. The delivery device of claim 65, wherein the collapse facilitator includes at least one stepped region formed in the wall.

69. The delivery device of claim 65, wherein the first wall extends from a flange coupled to a rigid portion of the reservoir.

70. The delivery device of claim 69, wherein the first wall tapers as distance from the flange increases such that the cross-sectional area of the cavity decreases with distance from the flange.

71. The delivery device of claim 65, wherein the cavity is also defined by a second wall at an end of the cavity, the second wall forming a substantially flat surface.

72. The delivery device of claim 71, wherein the second surface includes a central depression.

73. The delivery device of claim 65, wherein the wall extends from a flange and is formed integrally therewith, the cavity being defined by the first wall and a second wall at an end of the cavity, the second wall being substantially parallel to the flange.

74. The delivery device of claim 65, wherein the at least one delivery sharp includes a microneedle.