CLAIMS

What is claimed is:

1. A replaceable fluid dispensing cartridge (50) for a liquid dispensing razor (10) comprising:

a fluid interconnect member (52) having a pivotable support member (120) and a base member (100) with a fluid port (110) and an engagement surface (106) for removably and fixedly mating to a corresponding engagement member (202) of a handle (20);

a cartridge housing (54) mounted to the pivotable support member, the cartridge housing having a guard (58) , a cap (56), and at least one blade (60) between the cap and the guard;

a fluid applicator (62) defining an opening (140), wherein the fluid applicator is fixedly joined to the interconnect member.

2. The replaceable fluid dispensing cartridge of claim 1 wherein the fluid applicator comprises a guard positioned on top of the guard of the cartridge housing.

3. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the base member has a wall that defines a cavity configured to receive at least a potion of a handle.

4. The replaceable fluid dispensing cartridge according to claim 3 wherein the engagement surface is on the wall of the base member.

5. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid port comprises a stem extending from the base member.

6. The replaceable fluid dispensing cartridge according to claim 5 wherein the stem is tapered.

7. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid applicator comprises a resilient elastomeric material.

8. The replaceable fluid cartridge according to any one of the preceding claims wherein the engagement surface is spaced apart from fluid port.

9. The replaceable fluid dispensing cartridge according to any one of the preceding claims the pivotable support member comprises a pair of outwardly extending arms.

10. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein each of the outwardly extending arms comprises an engagement region that mates with a corresponding engagement region of the cartridge housing.

11. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid interconnect member comprises one or more alignment members.

12. The replaceable fluid dispensing cartridge according to claim 11wherein the alignment member of the fluid interconnect member engages one or more corresponding alignment members of the fluid applicator.

13. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid port defines an aperture extending through the fluid interconnect member.

14. The replaceable fluid dispensing cartridge according to claim 13 wherein the fluid applicator defines an opening that is generally aligned with the aperture of the fluid interconnect member.

15. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid port is aligned with the opening of the fluid applicator.

Claims

1. A replaceable fluid dispensing cartridge (50) for a liquid dispensing razor (10) comprising:

   a fluid interconnect member (52) having a pivotable support member (120) and a base member (100) with a fluid port (110) and an engagement surface (106) for removably and fixedly mating to a corresponding engagement member (202) of a handle (20);

   a cartridge housing (54) mounted to the pivotable support member, the cartridge housing having a guard (58) , a cap (56), and at least one blade (60) between the cap and the guard;

   a fluid applicator (62) defining an opening (140), wherein the fluid applicator is fixedly joined to the interconnect member, wherein the fluid applicator (62) is positioned such that the guard (58) is intermediate between the fluid applicator (62) and the at least one blade (60).

2. The replaceable fluid dispensing cartridge of claim 1 wherein the fluid applicator comprises a guard positioned on top of the guard of the cartridge housing.

3. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the base member has a wall that defines a cavity configured to receive at least a portion of a handle.

4. The replaceable fluid dispensing cartridge according to claim 3 wherein the engagement surface is on the wall of the base member.

5. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid port comprises a stem extending from the base member.

6. The replaceable fluid dispensing cartridge according to claim 5 wherein the stem is tapered.

7. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid applicator comprises a resilient elastomeric material.

8. The replaceable fluid cartridge according to any one of the preceding claims wherein the engagement surface is spaced apart from fluid port.

9. The replaceable fluid dispensing cartridge according to any one of the preceding claims the pivotable support member comprises a pair of outwardly extending arms.

10. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein each of the outwardly extending arms comprises an engagement region that mates with a corresponding engagement region of the cartridge housing.

11. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid interconnect member comprises one or more alignment members for aligning the fluid applicator with the fluid interconnect member.

12. The replaceable fluid dispensing cartridge according to claim 11wherein the alignment member of the fluid interconnect member engages one or more corresponding alignment members of the fluid applicator.

13. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid port defines an aperture extending through the fluid interconnect member.

14. The replaceable fluid dispensing cartridge according to claim 13 wherein the fluid applicator defines an opening that is generally aligned with the aperture of the fluid interconnect member.

15. The replaceable fluid dispensing cartridge according to any one of the preceding claims wherein the fluid port is aligned with the opening of the fluid applicator.