CLAIMS

What is claimed is:

1. A fluid dispensing shaving razor (10) comprising:

a fluid interconnect member (52) having a fluid port (110) extending from a base member (100) at a first end;

a cartridge housing (54) mounted to the fluid interconnect member;

a fluid applicator (62) mounted to a second end of the fluid interconnect member; and

a handle (20) having a first end with a resilient member (252) defining an opening (254), wherein the fluid port is releasably engaged within the opening of the resilient member.

2. The fluid dispensing shaving razor of claim 1 wherein the resilient member is in fluid communication with a reservoir positioned within the handle.

3. The fluid dispensing shaving razor according to any one of the preceding claims further comprising an engagement member on the handle spaced apart from the resilient member, wherein the engagement member mates with a corresponding engagement surface on the interconnect member in a neutral position.

4. The fluid dispensing shaving razor according to claim 3 wherein the engagement surface of the handle has a release position with the engagement surface of the handle is spaced apart from the corresponding engagement surface of the interconnect member in a loading position.

5. The fluid dispensing shaving razor according to any one of the preceding claims wherein the resilient member is a tube.

6. The fluid dispensing shaving razor according to any one of the preceding claims wherein the fluid port comprises a tapered stem.

7. The fluid dispensing shaving razor according to any one of the preceding claims wherein the elastomeric member has a flange that defines the opening and the base seats against the flange.

8. The fluid dispensing shaving razor according to any one of the preceding claims wherein the cartridge housing comprises a guard, a cap, and at least one blade between the guard and the cap.

9. The fluid dispensing shaving razor according to any one of the preceding claims wherein the base member defines a cavity and at least a portion of the handle is disposed within the cavity.

10. The fluid dispensing shaving razor according to any one of the preceding claims further comprising a fluid reservoir positioned within a cavity of the handle wherein the fluid reservoir is in fluid communication with the fluid applicator.

11. The fluid dispensing shaving razor according to any one of the preceding claims wherein the resilient member is positioned between a pair of engagement members.

12. The fluid dispensing shaving razor of claim 11 wherein each engagement member comprises a biasing member.

13. The fluid dispensing shaving razor of claim 12 wherein each engagement member comprises an outwardly extending arm positioned within the handle.

14. The fluid dispensing shaving razor of claim 12 wherein each outwardly extending arm travels between a first and second stop surfaces located within the handle.

15. The fluid dispensing shaving razor according to any one of the preceding claims wherein the fluid applicator is mounted to the cartridge housing.

Claims

1. A fluid dispensing shaving razor (10) comprising:

a fluid interconnect member (52) having a fluid port (110) extending from a base member (100) at a first end;

a cartridge housing (54) mounted to the fluid interconnect member;

a fluid applicator (62) mounted to a second end of the fluid interconnect member; and

a handle (20) having a first end with a resilient member (252) defining an opening (254), wherein the fluid port is releasably engaged within the opening of the resilient member.

2. The fluid dispensing shaving razor of claim 1 wherein the resilient member is in fluid communication with a fluid reservoir positioned within the handle.

3. The fluid dispensing shaving razor according to any one of the preceding claims further comprising a pair of engagement members on the handle spaced apart from the resilient member, wherein the pair of engagement members mate with corresponding engagement surfaces on the interconnect member in a neutral position.

4. The fluid dispensing shaving razor according to claim 3 wherein the pair of engagement members on the handle has a loading position with the pair of engagement members on the handle being spaced apart from the corresponding engagement surfaces of the interconnect member in the loading position.

5. The fluid dispensing shaving razor according to any one of the preceding claims wherein the resilient member is a tube.

6. The fluid dispensing shaving razor according to any one of the preceding claims wherein the fluid port comprises a tapered stem.

7. The fluid dispensing shaving razor according to any one of the preceding claims

wherein the elastomeric member has a flange that defines the opening and the base member seats against the flange.

8. The fluid dispensing shaving razor according to any one of the preceding claims wherein the cartridge housing comprises a guard, a cap, and at least one blade between the guard and the cap.

9. The fluid dispensing shaving razor according to any one of the preceding claims wherein the base member defines a cavity and at least a portion of the handle is disposed within the cavity.

10. The fluid dispensing shaving razor according to any one of the preceding claims further comprising a fluid reservoir positioned within a cavity of the handle wherein the fluid reservoir is in fluid communication with the fluid applicator.

11. The fluid dispensing shaving razor according to any one of the preceding claims wherein the resilient member is positioned between a pair of engagement members.

12. The fluid dispensing shaving razor of claim 11 wherein each engagement member comprises a biasing member.

13. The fluid dispensing shaving razor of claim 12 wherein each engagement member is attached to an arm positioned within the handle.

14. The fluid dispensing shaving razor of claim 13 wherein each arm travels between a first and second stop surfaces located within the handle.

15. The fluid dispensing shaving razor according to any one of the preceding claims wherein the fluid applicator is mounted to the cartridge housing.