WHAT IS CLAIMED IS:

1. A plurality of contact lens packages each comprising:

a base member that defines a cavity, the base member comprising a planar top surface surrounding the cavity, at least one latch, and at least one slot, wherein the planar top surface provides a sealing surface and the base member is a thermoplastic material;

a sealing member coupled to the sealing surface of the base member to provide a sealed cavity; and

an unworn contact lens in a contact lens packaging solution within the sealed cavity, wherein

the at least one latch of a first contact lens package of the plurality of contact lens packages is configured to fasten to the at least one slot of a second contact lens package of the plurality of contact lens packages after the sealing member of at least the second contact lens package is removed, and

the at least one latch of each of the plurality of contact lens packages comprises a protrusion extending downwardly from the base member, the protrusion comprises a barb, and the at least one slot of each of the plurality of contact lens packages is sized to receive the barb from a first direction and prevent the barb from exiting the slot in a second direction opposite the first direction.

2. The plurality of contact lens packages of claim 1, wherein the at least one latch of each of the plurality of contact lens packages comprises a first latch along a first side of the base member and a second latch along a second, opposite side of the base member, and the at least one slot of each of the plurality of contact lens packages comprises a first slot along the first side of the base member and a second slot along the second side of the base member.

3. The plurality of contact lens packages of claim 1, wherein the base member of each of the plurality of contact lens packages further comprises a handle extending laterally therefrom.

4. The plurality of contact lens packages of claim 3, wherein the at least one latch and the at least one slot of each of the plurality of contact lens packages together comprise a poka-yoke design such that the handle of the first contact lens package is only capable of extending in a direction opposite a direction of extension of the handle of the second contact lens package when the first contact lens package is mechanically fastened to the second contact lens package.

5. The plurality of contact lens packages of claim 1, wherein the unworn contact lens of the first contact lens package is a right eye contact lens and the unworn contact lens of the second contact lens package is a left eye contact lens.

6. The plurality of contact lens packages of claim 1, wherein the at least one latch of the first contact lens package has a distal end, and the distal end has a tapered side, a tapered edge, a tapered corner, or a combination thereof.

7. A contact lens package comprising:

a base member made of a thermoplastic material, the base member defines a cavity and comprises a substantially planar surface surrounding a cavity, the substantially planar surface providing a sealing surface, the base member further comprising at least one latch that includes a barb and at least one slot;

a sealing member coupled to the sealing surface of the base member to provide a sealed cavity; and

an unworn contact lens provided in a contact lens packaging solution within the sealed cavity, wherein

the at least one latch is configured to mechanically fasten with a slot of another contact lens package and the at least one slot is configured to mechanically fasten to a latch of another contact lens package, and

the at least one slot is sized to receive the barb of another contact lens package from a first direction, and catch the barb, preventing the barb from exiting the slot in a second direction opposite to the first direction.

8. A method of recycling a plurality of used contact lens package base members, the method comprising:

providing a plurality of used contact lens package base members, wherein each of the plurality of used contact lens package base members defines a cavity sized to retain a contact lens therein, a first latch, a second latch, a first slot, and a second slot, wherein each used contact lens package base member comprises a thermoplastic material;

stacking together the used contact lens package base members of the plurality such that the first latch and the second latch of one used contact lens package base member of the plurality are received within and mechanically fastened to the second and first slots, respectively, of another one of the used contact lens package base members, to form a recyclable assembly; and

recycling the recyclable assembly,

wherein

the first latch of each of the plurality of used contact lens package base members comprises a protrusion extending from the base member, the protrusion comprising a barb, and the second slot of each of the plurality of used contact lens package base members receives the barb from a first direction and prevents the barb from exiting the second slot in a second direction opposite the first direction.

9. The method of claim 8, wherein the first latch of each of the plurality of used contact lens package base members is located on a first side of the respective used contact lens package base member, and the second latch of each of the used contact lens package base members is located

on a second side of the used contact lens package base member, the second side being opposite the first side.

10. The method of claim 8, wherein the base member of each of the plurality of used contact lens package base members further comprises a handle extending laterally therefrom, and, in the recyclable assembly, the handle of the first used contact lens package base member extends in an opposite direction relative to a direction of extension of the handle of an adjacent used contact lens package base member.

11. The method of claim 10, wherein the first and second latches and the first and second slots of the plurality of used contact lens package base members together comprise a poka-yoke design such that the handle of a first used contact lens package base member extends in an opposing direction relative to the handle of one or two adjacent used contact lens package base members in the recyclable assembly.