

What is claimed is:

1. A drug delivery device comprising:
 - a housing having an opening;
 - a drug storage container including a delivery member having an insertion end configured to extend at least partially through the opening during a delivery state;
 - a removable cap including an outer portion and an inner portion, the outer portion being configured to be removably coupled with the housing such that the removable cap has a storage position where the removable cap is coupled with the housing and at least partially covering the opening and a removed position where the removable cap is not coupled with the housing; and
 - wherein a gap separates at least a portion of the inner portion and at least a portion of the outer portion such that the at least a portion of the outer portion is allowed to bend with respect to the at least a portion of the inner portion if the at least a portion of the outer portion is subjected to an external force.
2. The drug delivery of claim 1, wherein the outer portion at least partially surrounds the inner portion.
3. The drug delivery device of any one of claims 1 or 2, wherein the removable cap has a first axial opening configured to receive the housing and a second axial opening.
4. The drug delivery device of claim 3, wherein the outer portion at least partially surrounds the first axial opening and the second axial opening.
5. The drug delivery device of any one of claims 1 to 4, wherein the gap is a radial gap.
6. The drug delivery device of any one of claims 1 to 5, wherein the removable cap comprises at least one support member disposed between the inner portion and the outer portion, the at least one support member being coupled with at least one of the inner portion and the outer portion.
7. The drug delivery device of claim 6, wherein the at least one support member is coupled with the inner portion and the outer portion.
8. The drug delivery device of any one of claims 6 or 7, wherein the at least one support member comprises a plurality of support members arranged at a respective circumferential positions around the inner portion.
9. The drug delivery device of any one of claims 1 to 8, comprising at least one side opening formed in the outer portion and communicating with the gap.
10. The drug delivery device of claim 9, wherein the at least one side opening is at least partially formed in a distally directed end surface of the outer portion.
11. The drug delivery device of claim 9, wherein the at least one side opening is proximal to a distally directed end surface of the outer portion.

12. The drug delivery device of any one of claims 9 to 11, wherein the at least one side opening comprises a plurality of side openings arranged at respective circumferential positions around the outer portion.

13. The drug delivery device of any one of claims 1 to 12, wherein the external force is applied to the removable cap in a direction that is generally parallel to a longitudinal axis of the removable cap and/or housing and/or the removable cap is configured such that the external force induces at least one bending moment in at least one of a proximal end of the removable cap or a distal end of the removable cap.

14. A drug delivery device comprising:
a housing having an opening;
a drug storage container including a delivery member having an insertion end configured to extend at least partially through the opening during a delivery state;
a removable cap including a proximal end and a distal end, the proximal end being configured to be removably coupled with the housing such that the removable cap has a storage position where the removable cap is coupled with the housing and at least partially covering the opening and a removed position where the removable cap is not coupled with the housing; and
wherein the removable cap is configured such that an external force applied to the removable cap induces at least one bending moment in at least one of the proximal end of the removable cap and the distal end of the removable cap.

15. The drug delivery device of claim 14, wherein the at least one bending moment comprises a first bending moment in the proximal end of the removable cap and a second bending moment in the distal end of the removable cap.

16. The drug delivery device of any one of claims 14 or 15, wherein the at least one bending moment is associated with at least a portion of the proximal end of the removable cap bending at least partially around a first bending axis.

17. The drug delivery device of claim 16, wherein the at least a portion of the proximal end of the removable cap comprises an annular wall.

18. The drug delivery device of any one of claims 16 or 17, wherein the at least one bending moment is associated with at least a portion of the distal end of the removable cap bending at least partially around a second bending axis.

19. The drug delivery device of any one of claims 14 to 18, wherein the external force is applied to the removable cap in a direction that is generally parallel to a longitudinal axis of the removable cap and/or housing.

20. The drug delivery device of any one of claims 14 to 19, wherein the removable cap comprises an outer portion and an inner portion, and wherein a gap separates at least a portion of the inner portion and at least a portion of the outer portion such that the at least a portion of the outer portion is allowed to bend with respect to the at least a portion of the inner portion if the at least a portion of the outer portion is subjected to the external force.