CLAIMS

1. A base for receiving an ophthalmic lens storage case for storing one or more ophthalmic lenses, the base comprising:

a receptacle for receiving an ophthalmic lens storage case; and

a source of disinfecting radiation providing disinfecting radiation to an ophthalmic lens storage compartment in the ophthalmic lens storage case.

2. The base of claim 1 additionally comprising a reflective surface for reflecting disinfecting radiation towards ophthalmic lens storage compartment.

3. The base of claim 1 additionally comprising an alignment mechanism for aligning the source of disinfecting radiation with the ophthalmic lens storage compartment.

4. The base of claim 3 wherein the alignment mechanism comprises an alignment post.

5. The base of claim 4 wherein the alignment post comprises annular post fitting into a recess of a cap of a lens storage case.

6. The base of claim 5 wherein the alignment post comprises one or more sources of disinfecting radiation.

7. The base of claim 6 wherein the one or more sources of disinfecting radiation comprise an ultraviolet emitting diode.

8. The base of claim 7 wherein the ultraviolet emitting diode emit radiation in a frequency of between 250 nanometers and 280 nanometers.

9. The base of claim 1 wherein the emitted disinfecting radiation is sufficient kill an organism on an ophthalmic lens stored in the storage compartment.

10. The base of claim 1 additionally comprising an optic for directing disinfecting radiation towards an ophthalmic lens stored in the storage case.

11. The base of claim 1 additionally comprising a processor for controlling the generation of disinfecting radiation.

12. The base of claim 11 wherein a time period that a disinfecting radiation is provided is based upon a logical control signal generated by the processor.

13. The base of claim 11 wherein an intensity at which a disinfecting radiation is provided is based upon a logical control signal generated by the processor.

14. The base of claim 11 additionally comprising an audio component operative to provide an audio signal based upon operation of the source of disinfecting radiation.

15. The base of claim 11 additionally comprising a display for displaying a status of a disinfecting process based upon digital data transmitted by the processor.

16. The base of claim 11 additionally comprising a digital storage for storing information related to a disinfecting process.

17. The base of claim 1 additionally comprising a vibration generation device for providing mechanical movement to a storage case placed in the storage base.

18. The base of claim 17 wherein the vibration generation device comprises a piezoelectric mechanism.

19. The base of claim 17 wherein the piezoelectric mechanism is operated based upon a logical signal generated by a processor.

20. The base of claim 16 additionally comprising a universal serial bus connector for providing logical communication between one, or both of: the processor and the digital storage; and personal processing device.

21. The base of claim 16 additionally comprising a universal serial bus connector for providing an electrical current for operating the storage base.

22. The base of claim 1 additionally comprising an electrical storage for storing power to operate the storage base.

23. The base of claim 22 wherein the electrical storage comprises one or more rechargeable batteries.

24. The base of claim 23 wherein the electrical storage comprises one or more lithium ion batteries.

25. The base of claim 12 wherein a pattern of radiation is based upon a signal from the processor.

CLAIMS

1. A base for receiving an ophthalmic lens storage case for storing one or more ophthalmic lenses, the base comprising:

a receptacle for receiving an ophthalmic lens storage case; and

a source of disinfecting radiation providing disinfecting radiation to an ophthalmic lens storage compartment in the ophthalmic lens storage case, wherein;

additionally comprising an alignment mechanism for aligning the source of disinfecting radiation with the ophthalmic lens storage compartment.