CLAIMS

1. A contact lens comprising:

a vision correction lens portion positioned in a center portion of the contact lens to refract light; and

a drug storage structure arranged apart from the center portion and configured to store a drug,

wherein the drug is provided to an eye of a user wearing the contact lens.

2. The contact lens of claim 1, wherein the contact lens comprises a microporous polymer having micropores.

3. The contact lens of claim 1, wherein the drug storage structure comprises:

a drug chamber having a concave structure and formed in the contact lens to store the drug in the concave structure; and

a cover member covering at least the drug chamber,

wherein the cover member comprises a microporous polymer in which micropores are formed, and

the drug is provided to the eye through the micropores.

4. The contact lens of claim 1, wherein the drug storage structure comprises:

a drug chamber having a concave structure and formed in the contact lens to store the drug in the concave structure;

a cover member covering at least the drug chamber; and

a discharge structure formed in the cover member to provide the drug to the eye.

5. The contact lens of claim 4, wherein

the discharge structure comprises one or more holes, and

the one or more holes have equal or different areas.

6. The contact lens of claim 1, wherein the drug storage structure comprises:

a drug chamber having a concave structure and formed in the contact lens to store the drug in the concave structure;

a drug discharge path having a concave structure and formed in the contact lens, the drug discharge path being connected to the drug chamber to release the drug; and

a cover member covering the drug discharge path and the drug chamber,

wherein the cover member does not cover an end portion of the drug discharge path, thereby forming a drug outlet.

7. The contact lens of claim 6, wherein the drug storage structure comprises:

a plurality of drug chambers which are apart from each other and not connected to each other; and

a plurality of drug discharge paths respectively connected to the plurality of drug chambers,

wherein the plurality of drug chambers stores identical or different drugs.

8. The contact lens of claim 6, wherein the drug storage structure comprises:

a single drug chamber having a circular shape and formed in the contact lens; and

a plurality of drug discharge paths connected to the single drug chamber,

wherein the plurality of drug discharge paths discharges the drug to an end portion of the contact lens.

9. The contact lens of claim 1, wherein the drug comprises at least one selected from the group consisting of a dry eye syndrome treatment drug, a glaucoma treatment drug, an intraocular pressure lowering agent, an eye damage treatment drug, an antibacterial agent, an allergic conjunctivitis treatment drug, a blepharoconjunctivitis treatment drug, a night blindness treatment drug, an amblyopia treatment drug, an eye

inflammation treatment drug, a cataract treatment drug, an antiviral agent, a mydriatic drug, a carbonic anhydrase inhibitor, and a macular degeneration treatment drug.

10. The contact lens of claim 3, wherein the microporous polymer comprises one selected from the group consisting of a water-soluble polymer and a water-insoluble polymer.

11. The contact lens of claim 10, wherein the water-soluble polymer comprises at least one selected from the group consisting of acacia, agar, alginic acid, carbomer, carrageenan, cellulose acetate, ceratonia, chitosan, chondroitin sulfate, dermatan sulfate, dextran, ethyl cellulose, gelatin, guar gum, hydroxyethyl cellulose, hydropropyl betadex, hydroxypropyl cellulose, hypromellose, hypromellose acetate succinate, hypromellose phthalate, karaya gum, locust bean gum, methylcellulose, molasses, pectin, polyacrylamide, polycaprolactone, polyethylene oxide, polyethylene glycol, polyhydroxyethylmethacrylate, polyorthoester, polyvinyl alcohol, polyvinylpyrrolidone, sodium alginate, carboxymethylcellulose, sodium hyaluronate, tragacanth, triethyl citrate, and xanthan gum.

12. The contact lens of claim 10, wherein the water-insoluble polymer comprises at least one selected from the group consisting of acetyl alcohol, acetyl ester wax, acetyl tributyl citrate, aluminum monostearate, carnauba wax, cellulose acetate, cellulose acetate phthalate, dibutyl sebacate, ethyl cellulose, glycerin monostearate, glyceryl behenate, glyceryl monooleate, glyceryl palmitostearate, hydrogenated castor oil, hydrogenated vegetable oil type 1, isopropyl palmitate, polycaprolactone, polyglycolide, polylactic acid, polylactide, polymethacrylate, polyoxyglyceride, shellac, stearic acid, stearyl alcohol, tributyl citrate, white wax, yellow wax, and zein.