

ABSTRACT

An artificial cornea comprising an optical element made of an optically transparent material, having
5 a front surface and a posterior surface, and a skirt provided so as to support with surrounding at least a part of the optical element, characterized in that the skirt is provided with a flange on its side facing the interior of eyes during implantation of the artificial cornea and the
10 flange radially protrudes outward from the skirt. The artificial cornea can be well compatible with ocular tissue, prevent leakage of intraocular aqueous humor and intraocular invasion of bacteria, reduce stimulation on palpebral conjunctiva and further, inhibit progression of
15 the down growth, and which has no possibility of reduction in transparency of the optical element due to the down growth as well as detachment and extrusion from the implanted state.

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