

ABSTRACT

SEGMENTED PREFORMED INTRASTROMAL CORNEAL INSERT

This invention is a preformed intra-stromal corneal insert (812,814). It is made of a physiologically compatible polymer and may be used to adjust corneal curvature and thereby correct vision abnormalities. The insert of segment (812, 814) may also be used to deliver therapeutic or diagnostic agents to the interior of the cornea, or of the eye. The insert (812,814) subtends onto a portion of a ring or "arc", encircling the anterior cornea outside of the cornea's field of view. The invention also includes a procedure for inserting the device into the cornea.

Figure 14D