

[54] MULTIPLE ELEMENT ZONE OF FOCUS ARTIFICIAL LENS

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[57] ABSTRACT

An implantable or contact lens for replacement of a defective natural lens in an eye in which various portions of the lens have different powers and focal lengths to produce in-focus images on different portions of the retina, of objects which are located at various distances from the eye, thereby substituting for the natural focusing action of the eye. The image processing capability of the brain functions to largely ignore the out-of-focus images and concentrate on the in-focus image of the object selected by the brain for consideration.

11 Claims, 13 Drawing Sheets

