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(54) Title: LENS FOR OPHTHALMIC USE FOR VARYING THE DEPTH OF FIELD

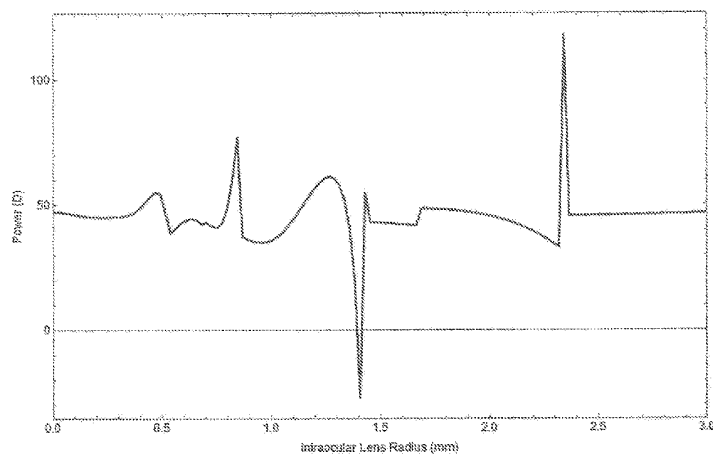


Fig. 4b

(57) Abstract: An implantable or wearable lens for ophthalmic use, having a front surface and a rear surface, wherein at least one surface of said front surface and rear surface has an aspherical refractive profile with circular or rotational symmetry, or with cylindrical or non-rotational symmetry, with respect to the optical axis, and having a geometric elevation $z(r)$ defined by a series expansion of Forbes polynomials, wherein said refractive profile generates an enhancement of the wavefront $W(r)$ emerging from the lens such as to extend the depth of field thereof progressively and continuously in a power range between -1.0D and 4.0D.

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