

FIG. 1

0D wavefront 'in eye'

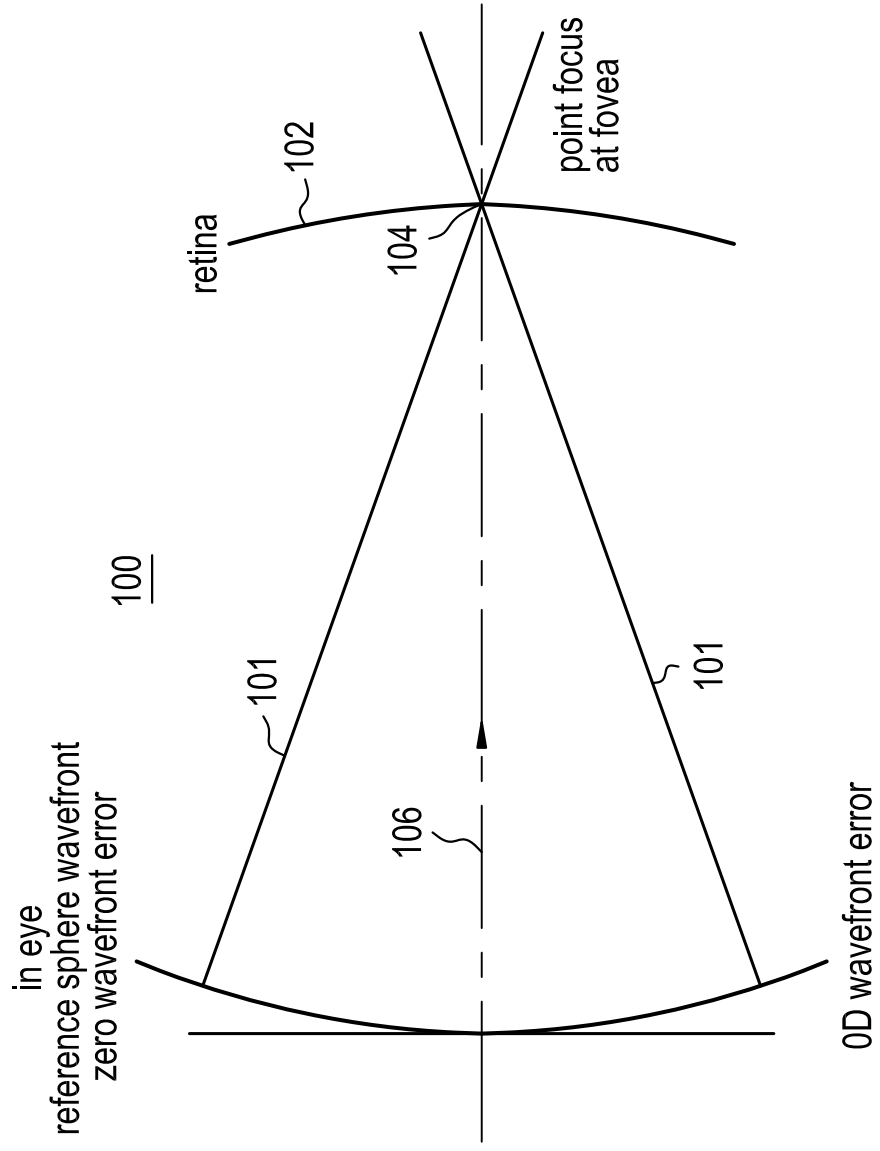


FIG. 2

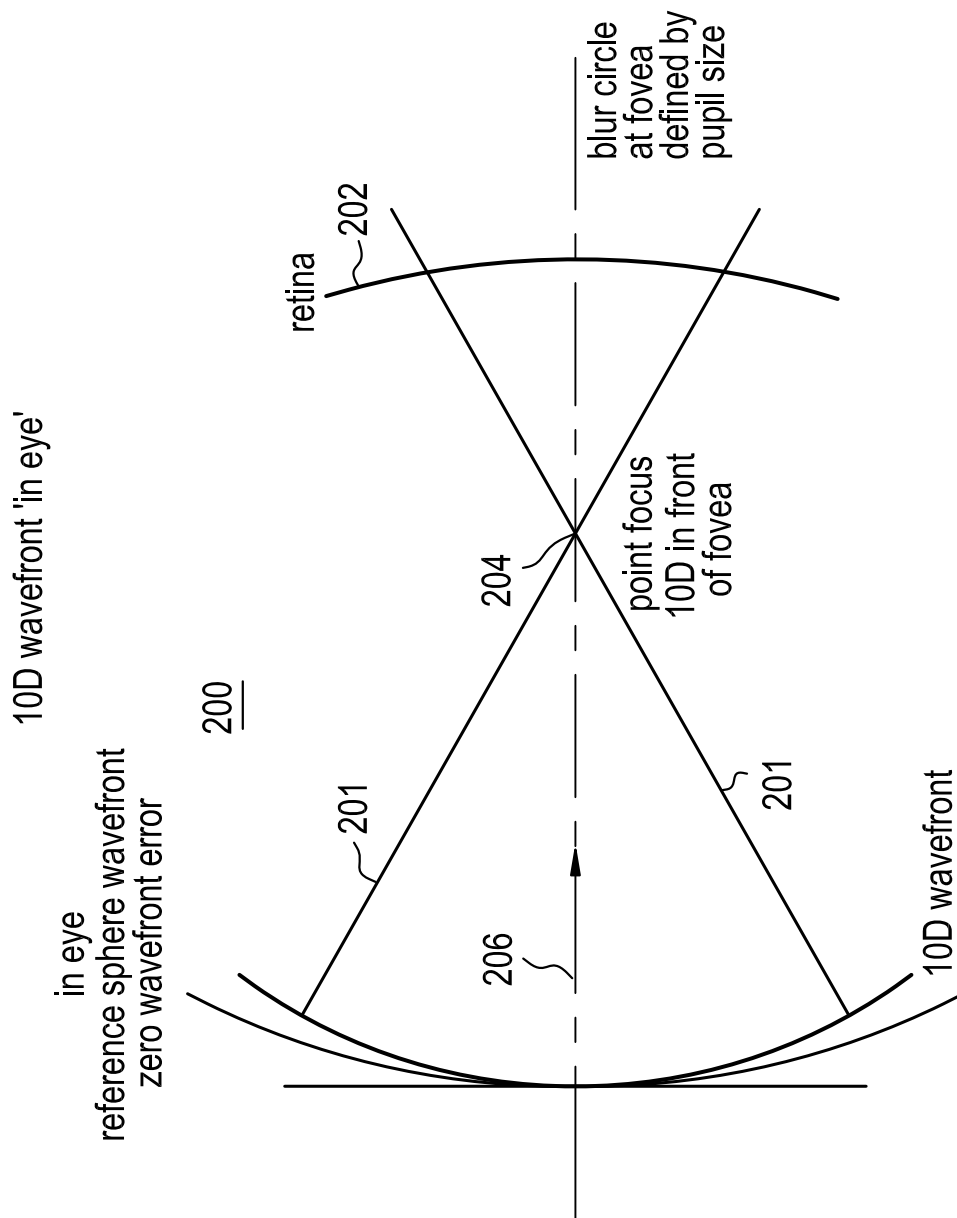
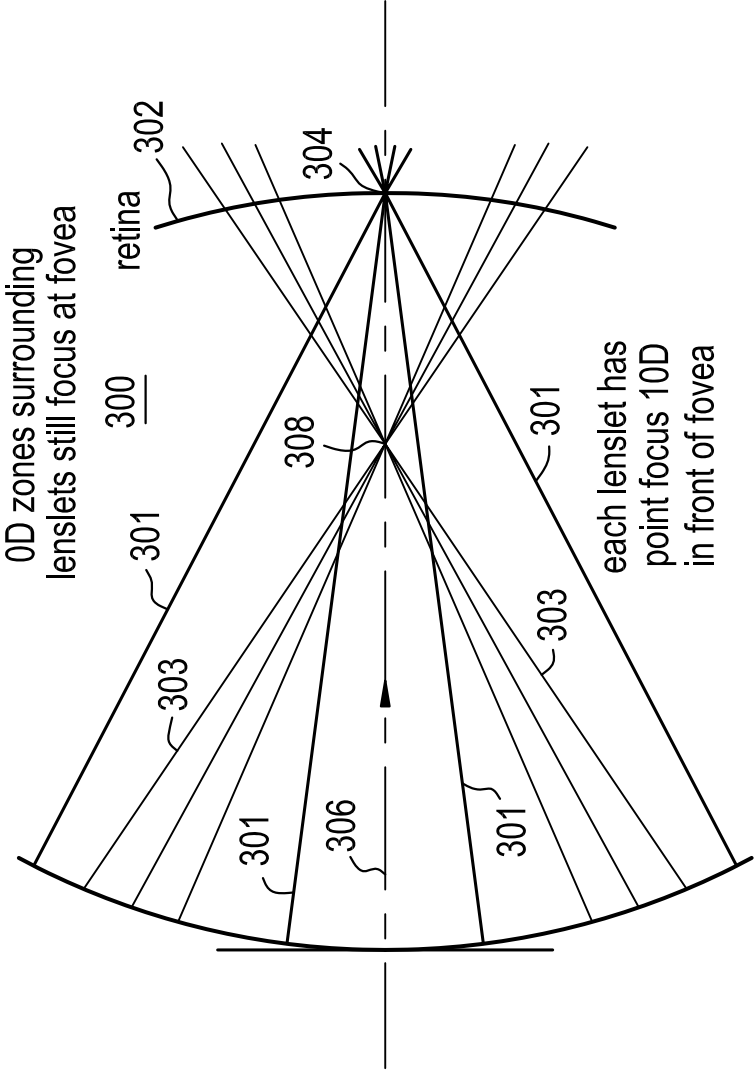


FIG. 3

10D' common axis' lenslet
wavefront 'in eye'

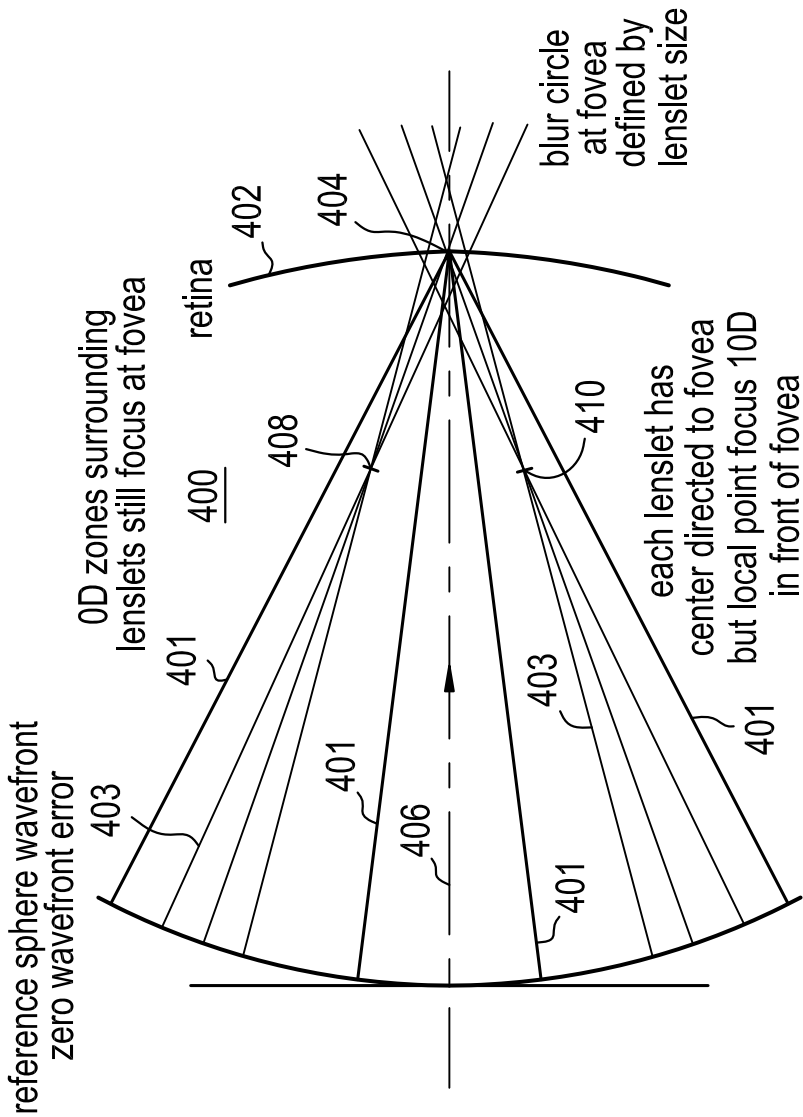
reference sphere wavefront
zero wave wavefront error



rays in each lenslet still point in
same direction as a full 10D wavefront

FIG. 4

10D individual axis' lenslet
wavefront 'in eye'



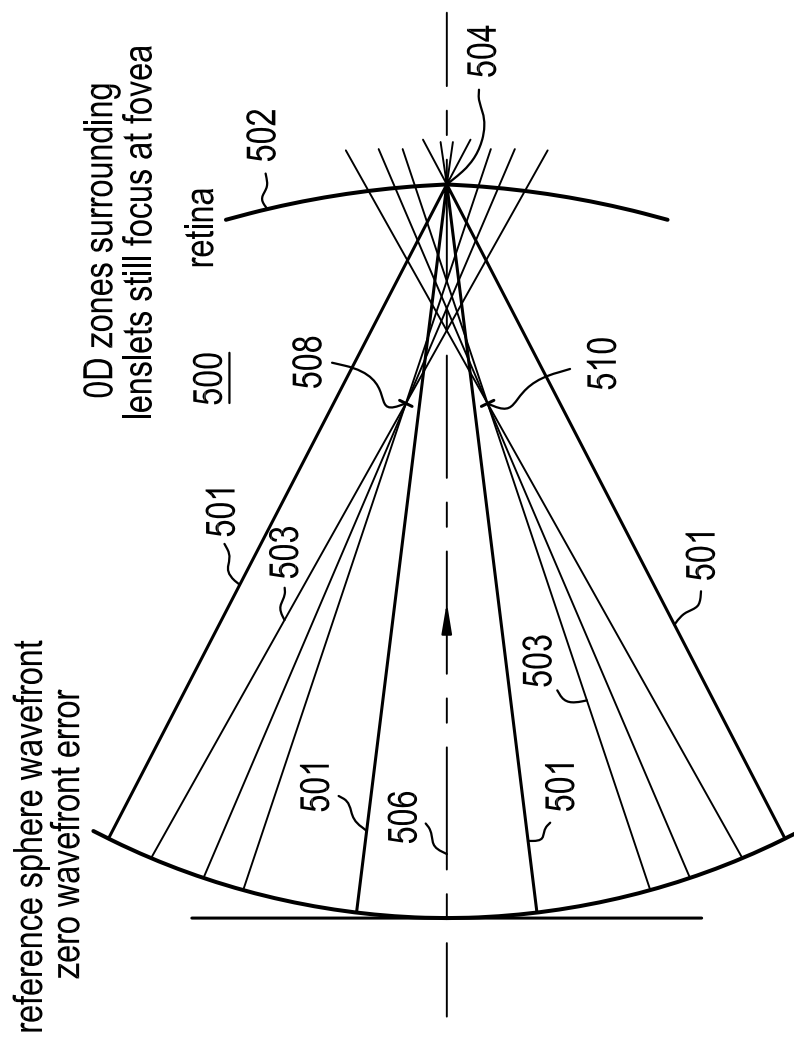
center of each lenslet has 0 wavefront error (OPD)

either side of center point has opposite slope

therefore center still points same difference as reference sphere

Fig. 5

10D 'individual axis' lenslet
wavefront 'in eye'

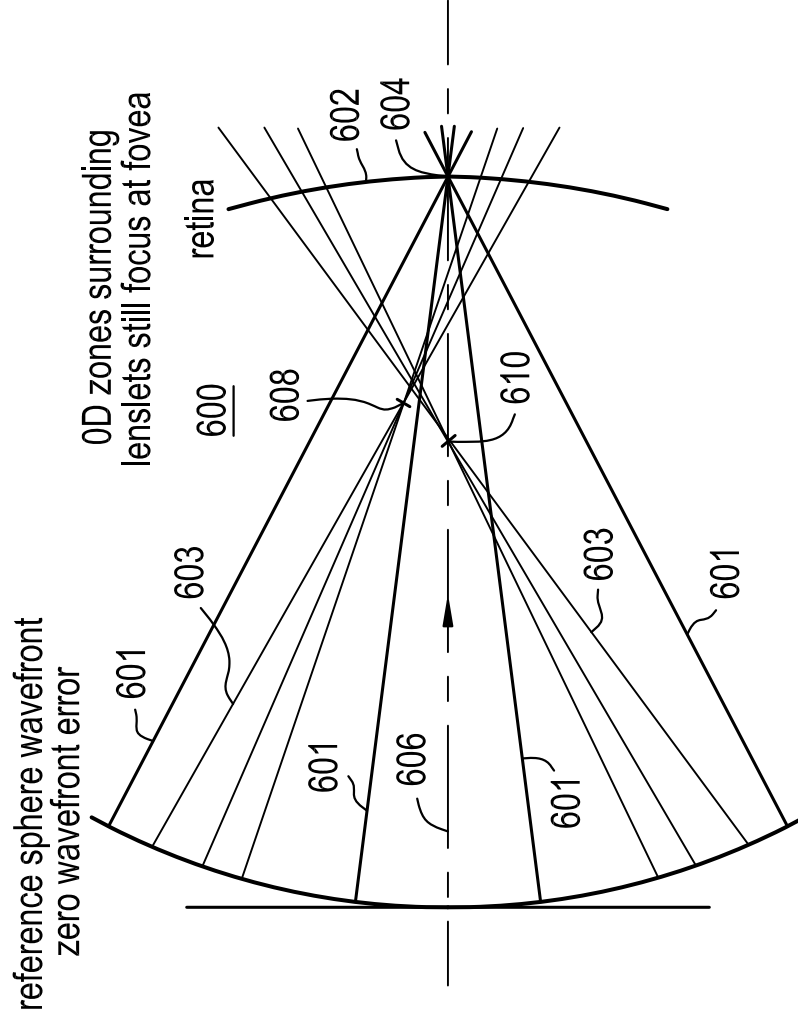


0D zones surrounding
lenslets still focus at fovea

lenslets have different slope than the required wavefront to direct centers symmetrically away the fovea but local point focus 10D in front of retina

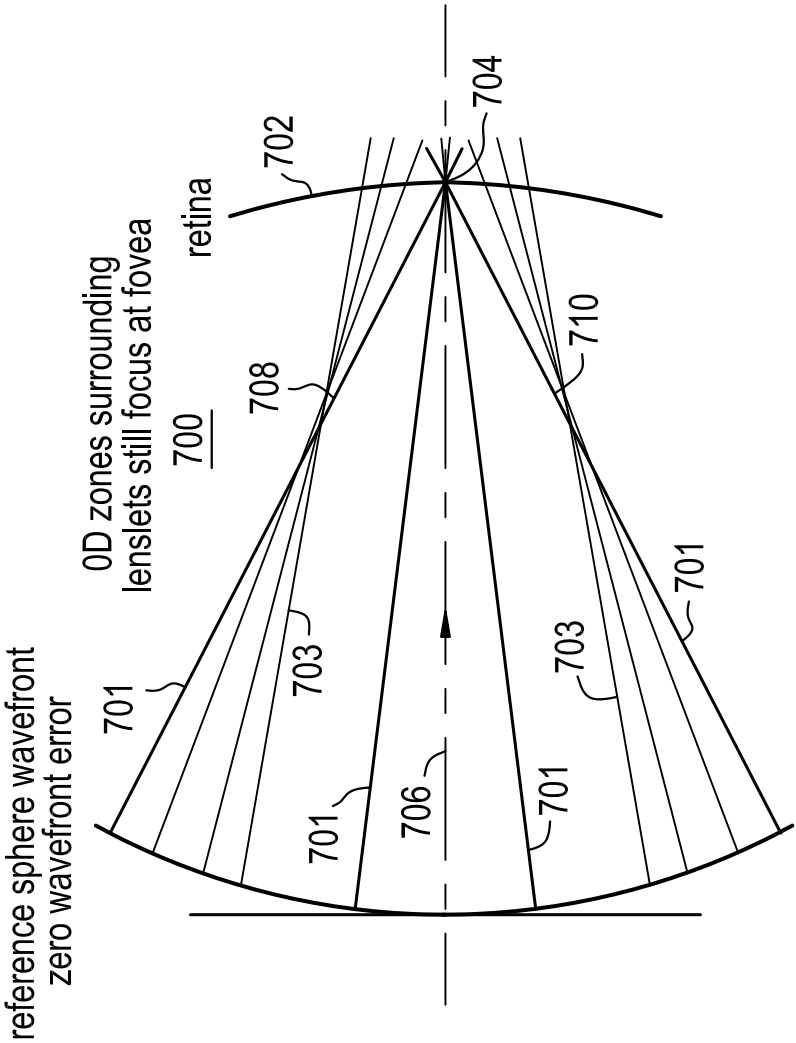
FIG. 6

10D 'individual axis' lenslet
wavefront 'in eye'



lenslets have different slope than the required wavefront
to direct centers asymmetrically away from the fovea
but local point focus 10D in front of retina

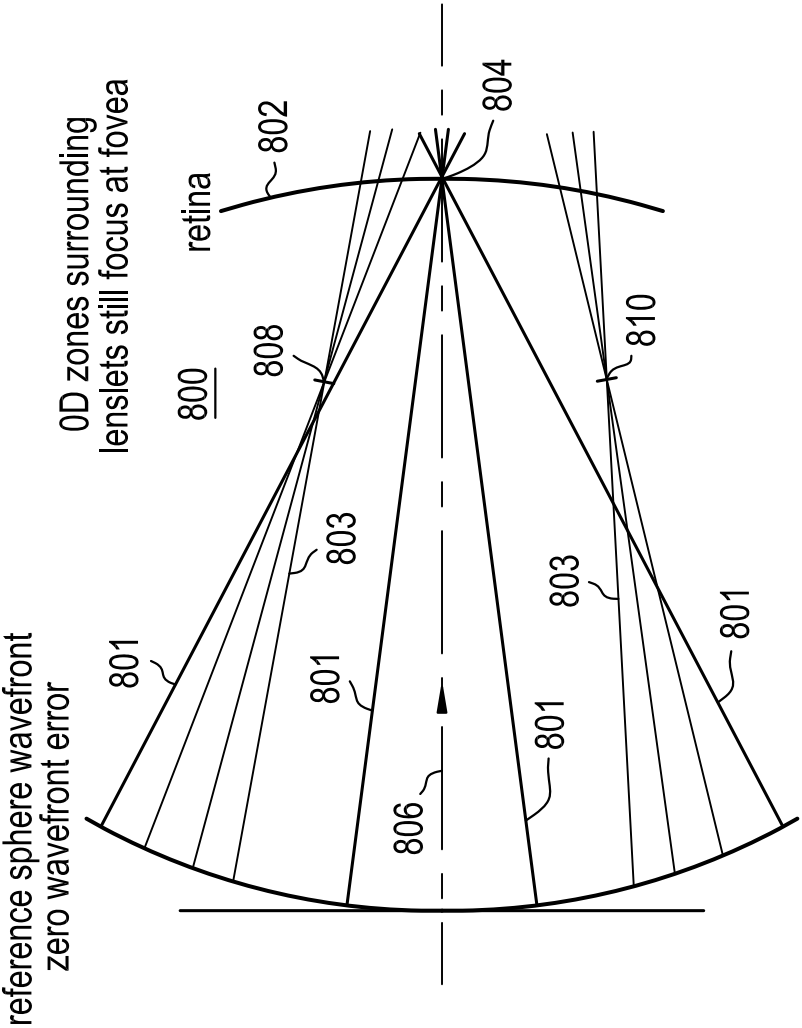
FIG. 7
10D 'individual axis' lenslet
wavefront 'in eye'



lenslets have different slope than the required wavefront
to direct centers symmetrically away the fovea
but local point focus 10D in front of retina

FIG. 8

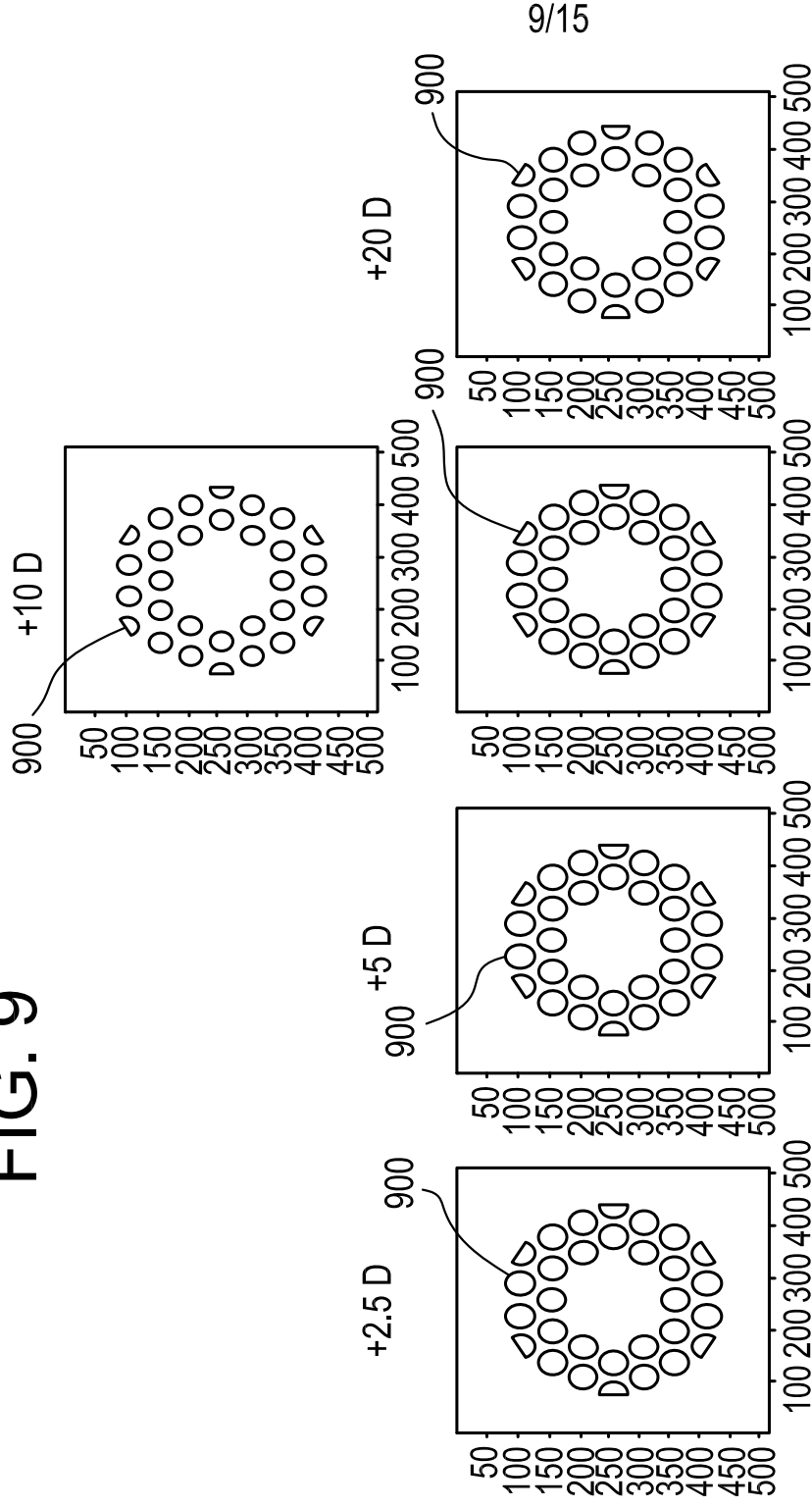
10D 'individual axis' lenslet
wavefront 'in eye'



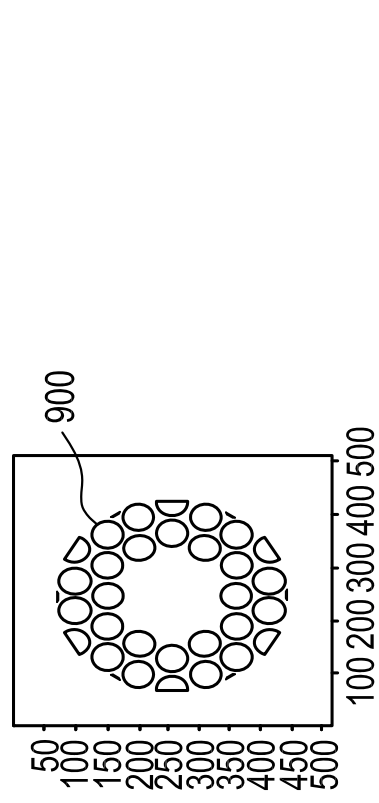
lenslets have different slope than the required wavefront
to direct centers asymmetrically away the fovea
but local point focus 10D in front of retina

FIG. 9

20% filling
factor



40% filling
factor



60% filling
factor

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FIG. 10

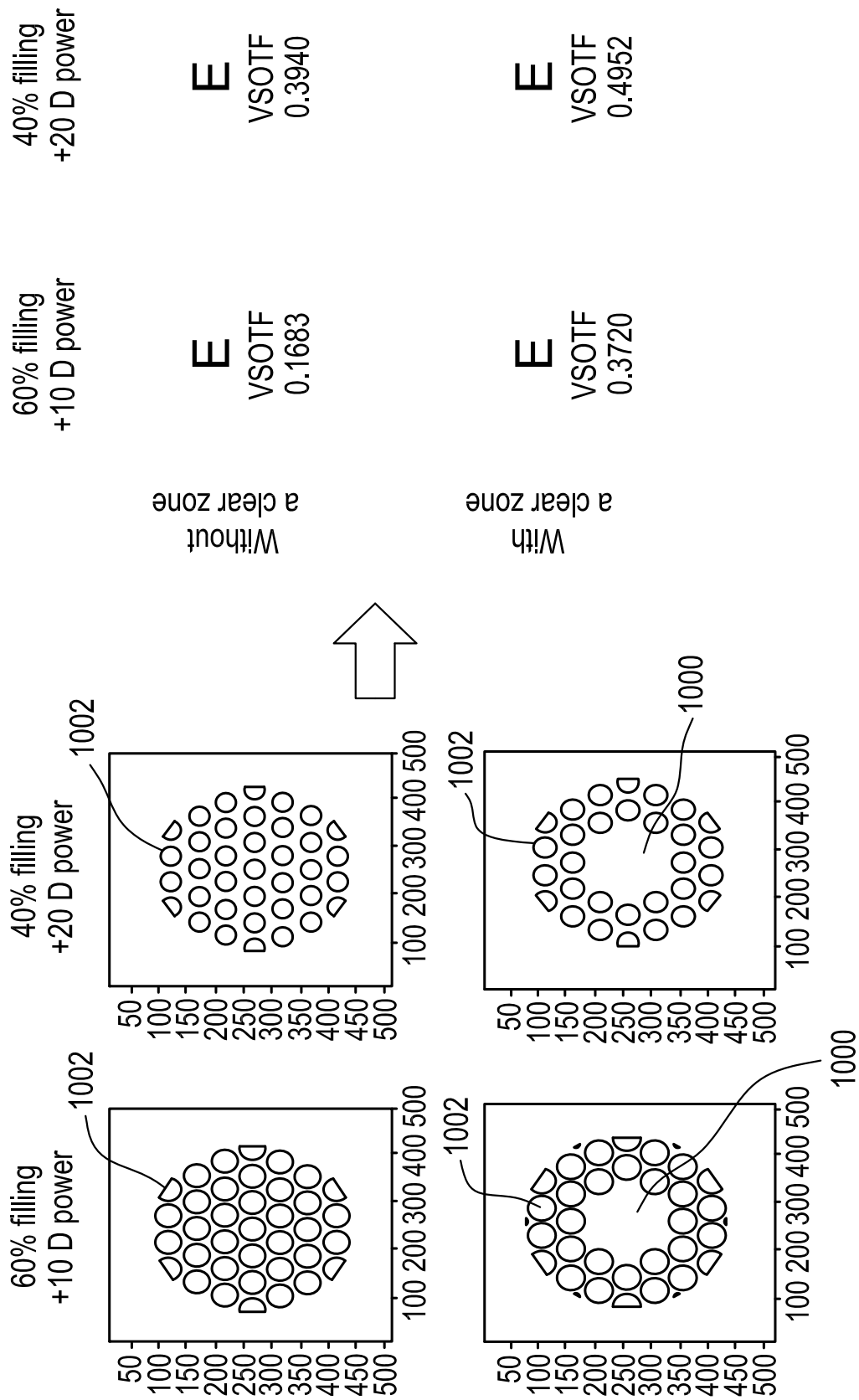


FIG. 11

Added plus power



FIG. 12A

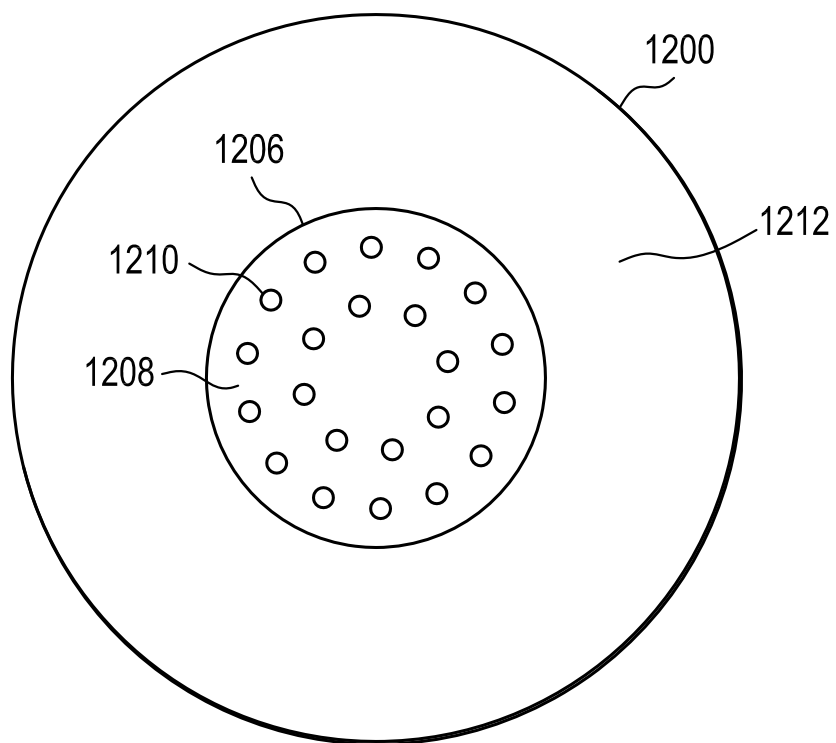


FIG. 12B

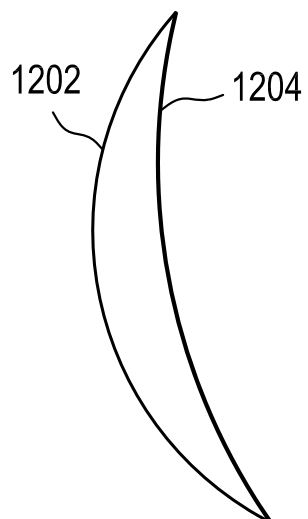


FIG. 13

1300

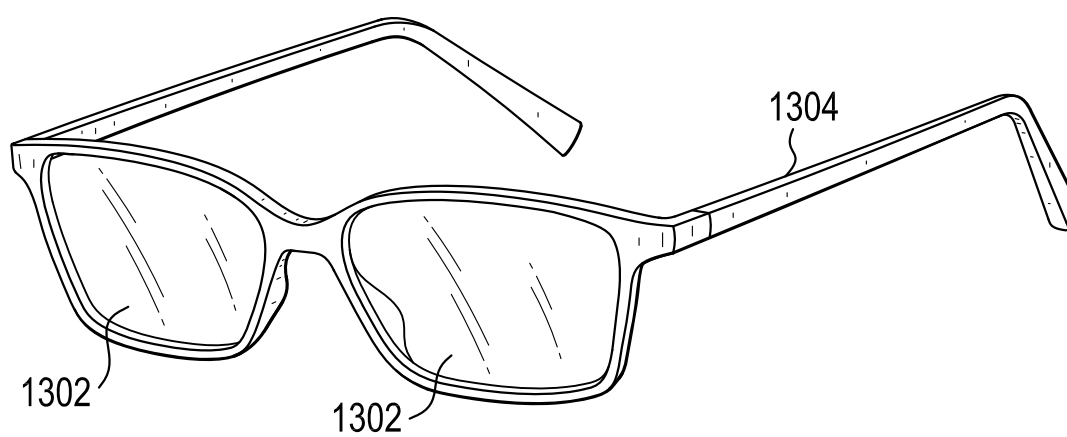


FIG. 14

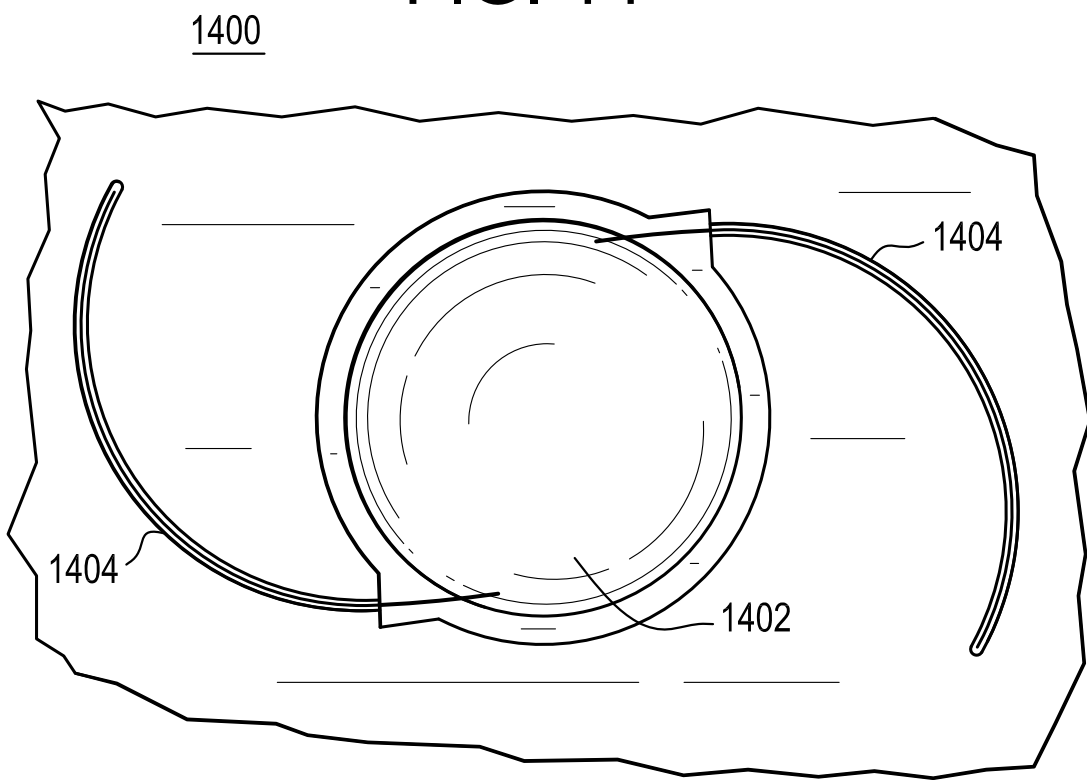


FIG. 15

