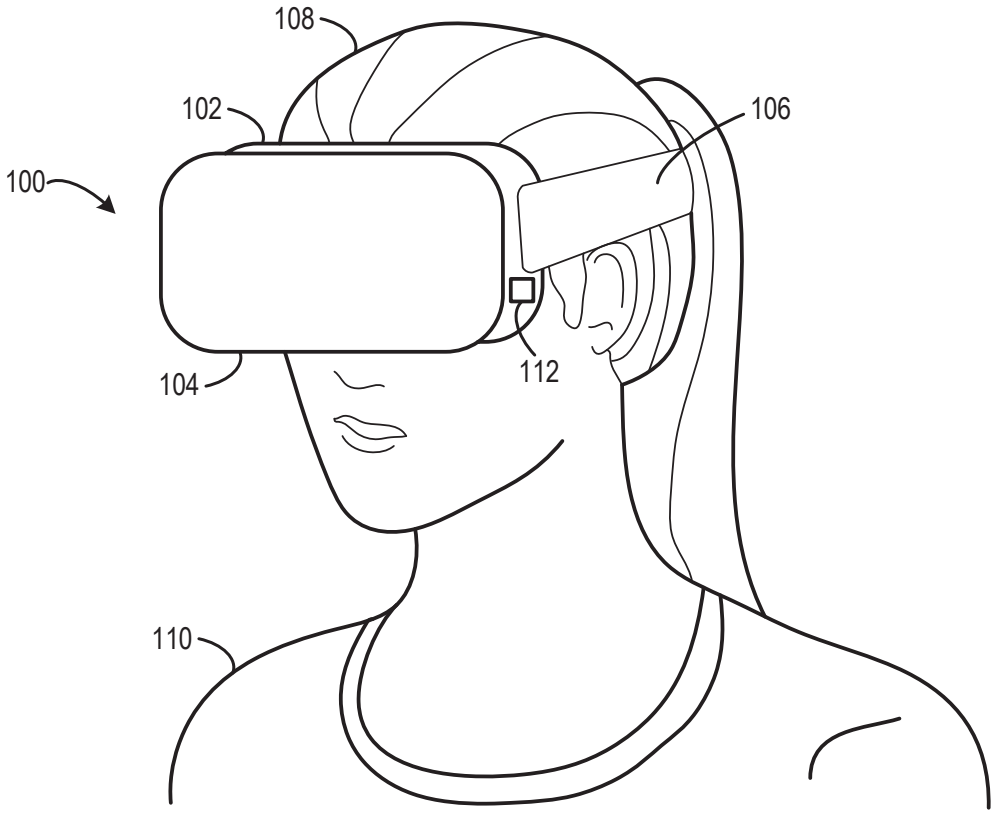


FIG. 1A

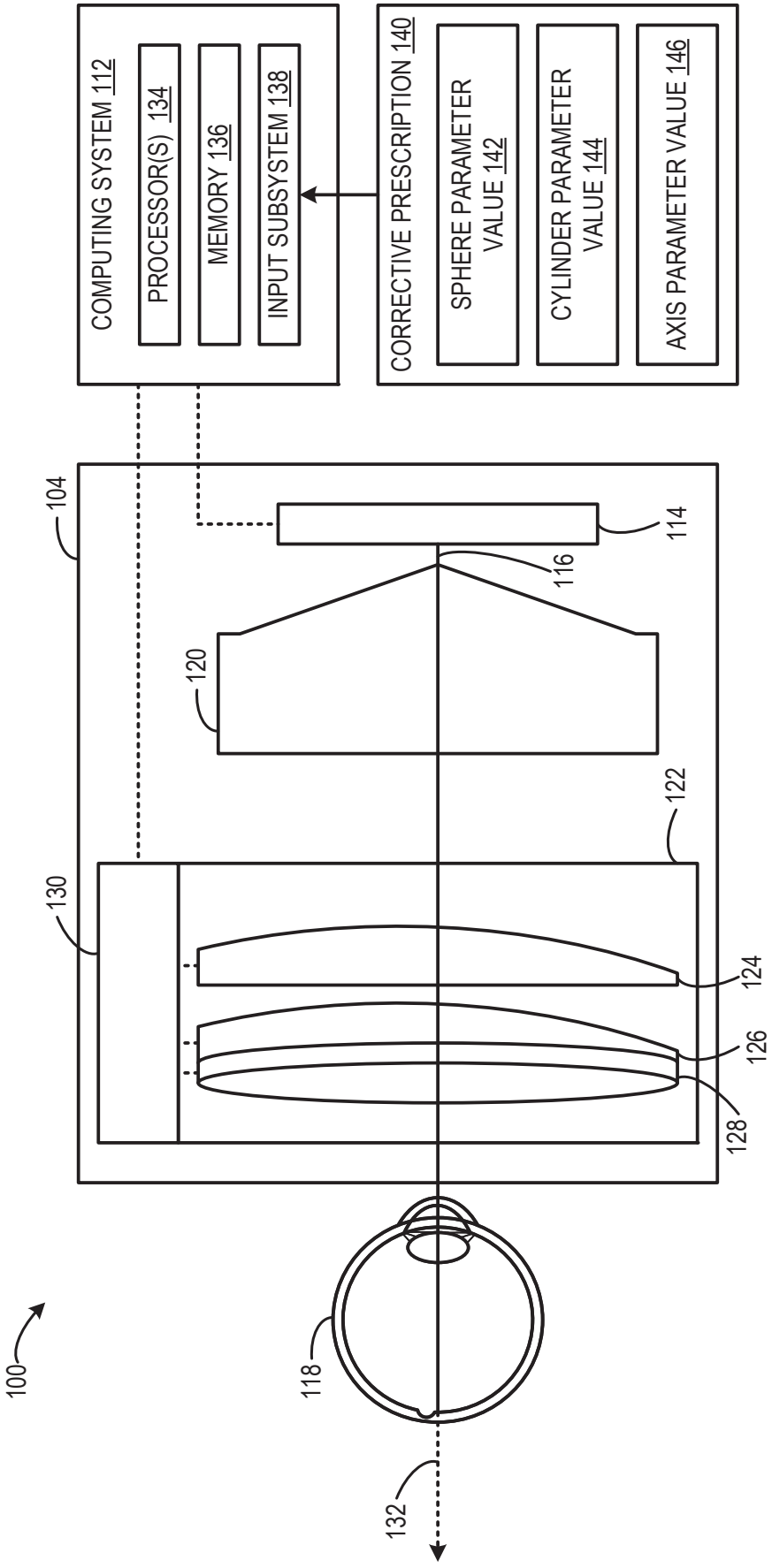

COMPUTING SYSTEM 112
PROCESSOR(S) 134
MEMORY 136
INPUT SUBSYSTEM 138
CORRECTIVE PRESCRIPTION 140
SPHERE PARAMETER VALUE 142
CYLINDER PARAMETER VALUE 144
AXIS PARAMETER VALUE 146
100
104
114
116
120
122
130
124
126
128
118
132

FIG. 1B

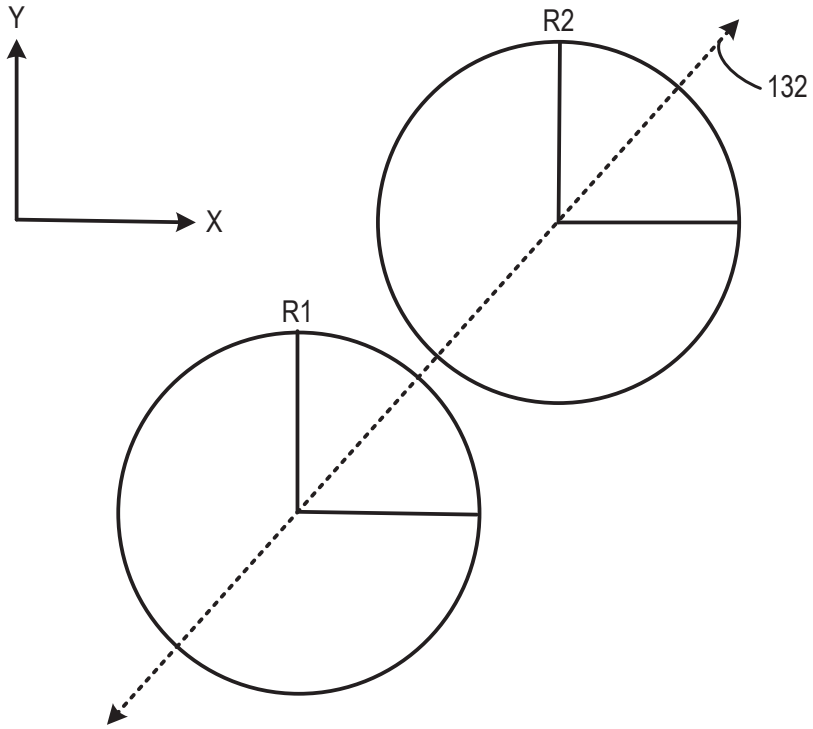


FIG. 2

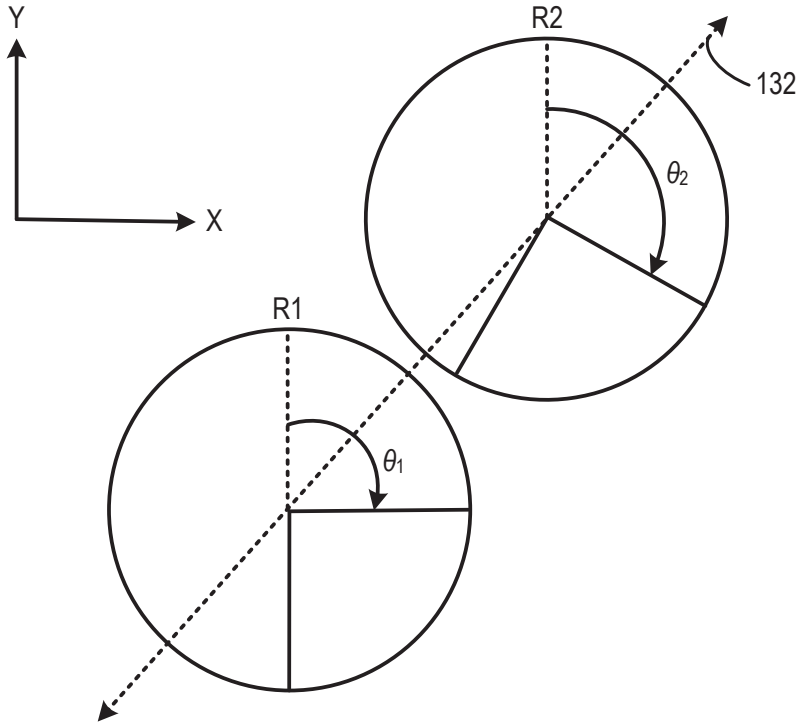


FIG. 3

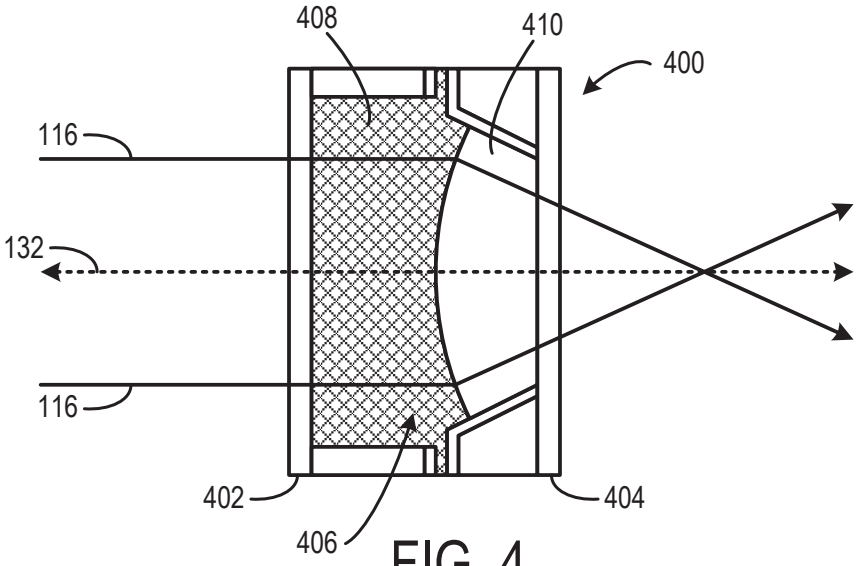


FIG. 4

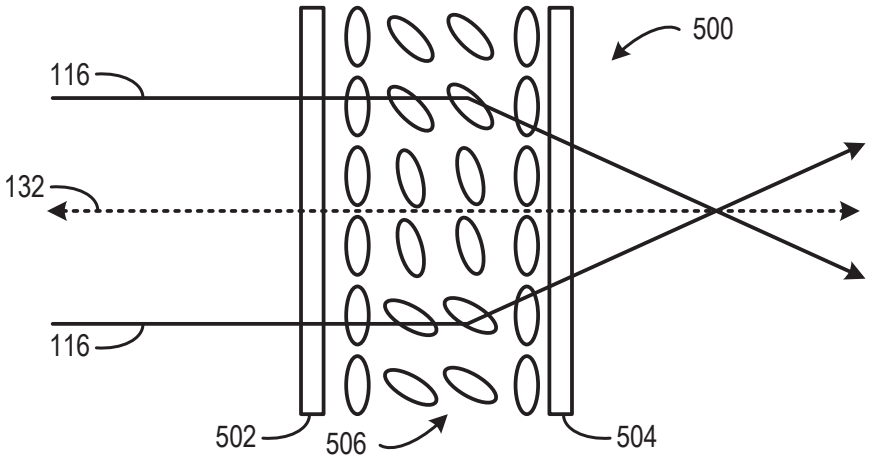


FIG. 5

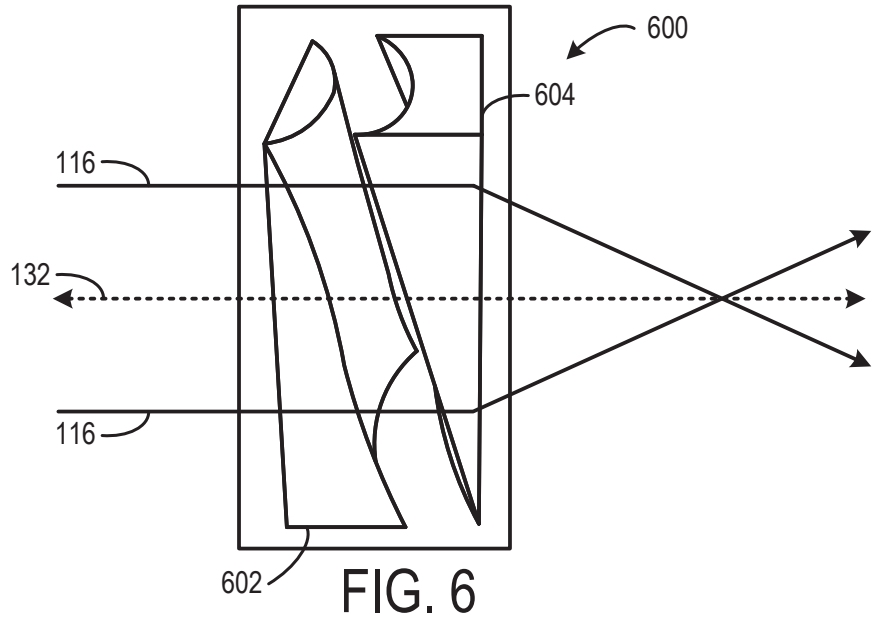


FIG. 6

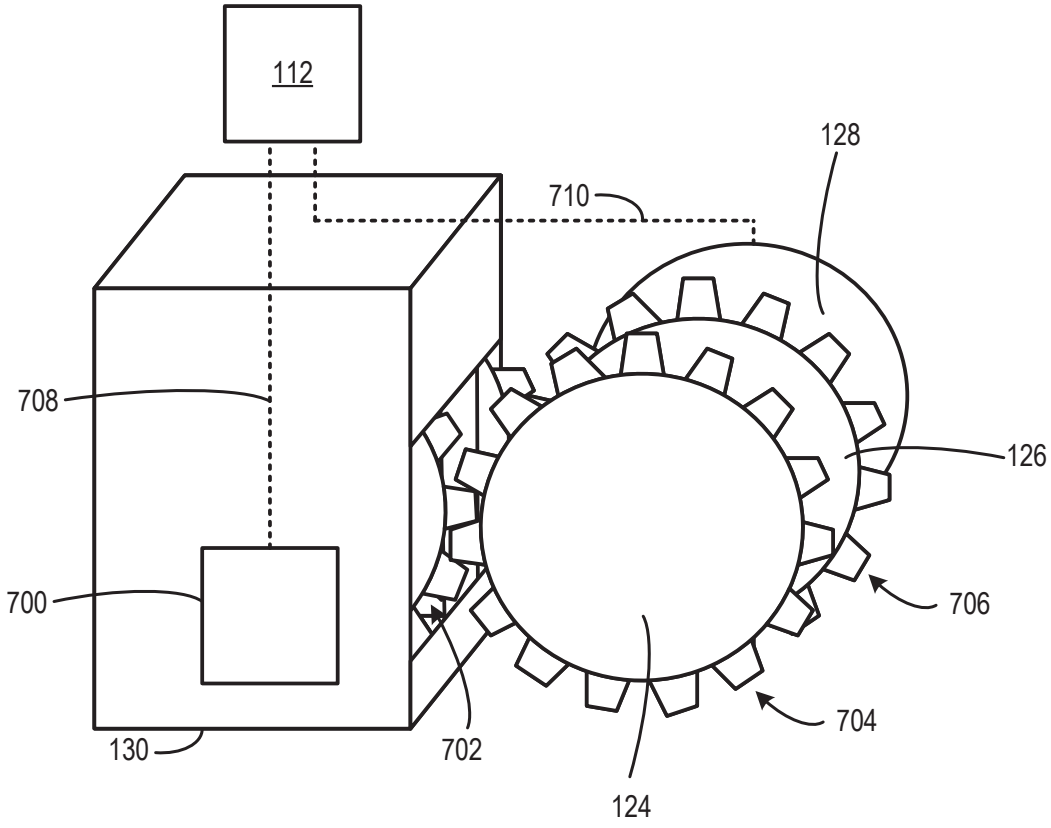


FIG. 7

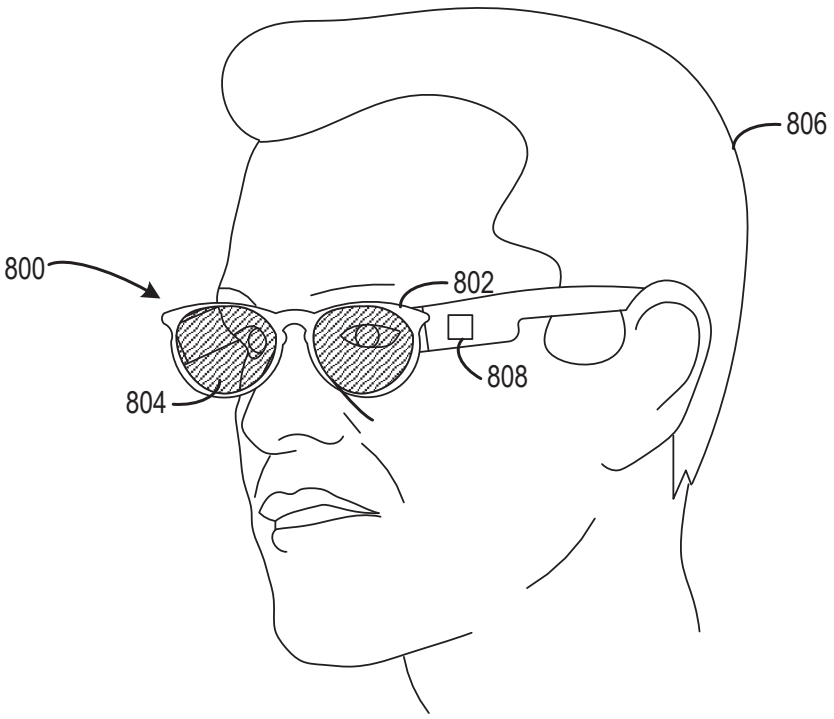

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FIG. 8A

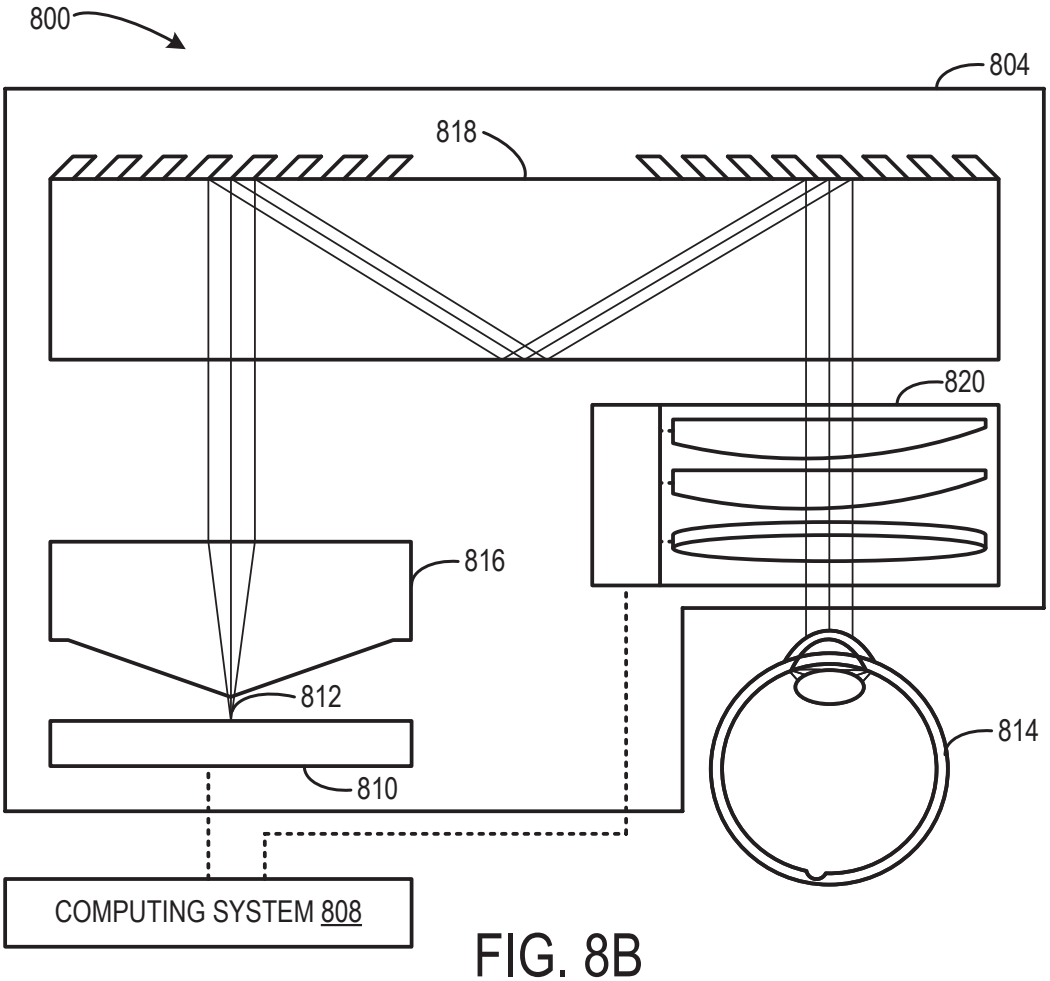

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COMPUTING SYSTEM 808

FIG. 8B

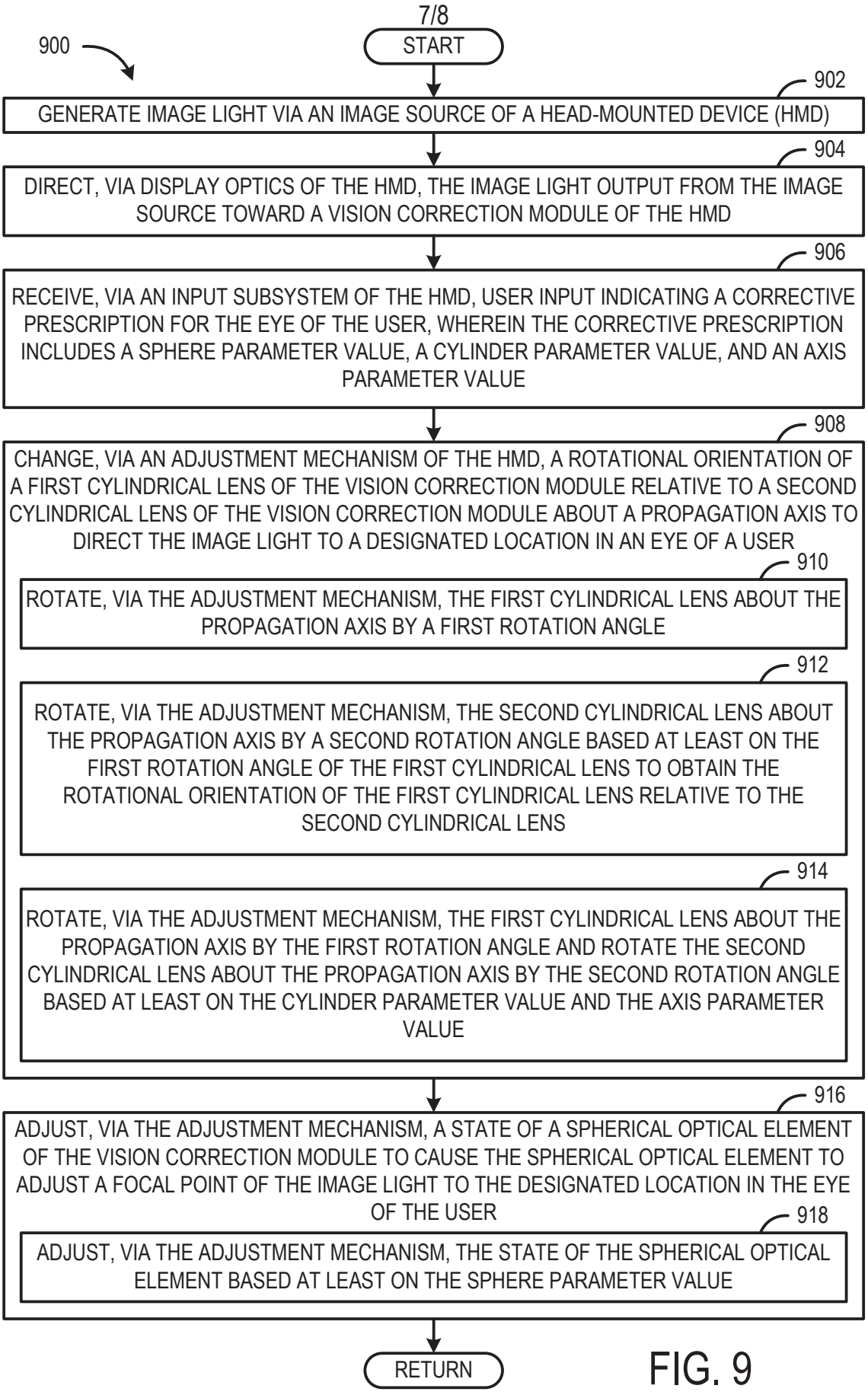

900
START
902
GENERATE IMAGE LIGHT VIA AN IMAGE SOURCE OF A HEAD-MOUNTED DEVICE (HMD)
904
DIRECT, VIA DISPLAY OPTICS OF THE HMD, THE IMAGE LIGHT OUTPUT FROM THE IMAGE SOURCE TOWARD A VISION CORRECTION MODULE OF THE HMD
906
RECEIVE, VIA AN INPUT SUBSYSTEM OF THE HMD, USER INPUT INDICATING A CORRECTIVE PRESCRIPTION FOR THE EYE OF THE USER, WHEREIN THE CORRECTIVE PRESCRIPTION INCLUDES A SPHERE PARAMETER VALUE, A CYLINDER PARAMETER VALUE, AND AN AXIS PARAMETER VALUE
908
CHANGE, VIA AN ADJUSTMENT MECHANISM OF THE HMD, A ROTATIONAL ORIENTATION OF A FIRST CYLINDRICAL LENS OF THE VISION CORRECTION MODULE RELATIVE TO A SECOND CYLINDRICAL LENS OF THE VISION CORRECTION MODULE ABOUT A PROPAGATION AXIS TO DIRECT THE IMAGE LIGHT TO A DESIGNATED LOCATION IN AN EYE OF A USER
910
ROTATE, VIA THE ADJUSTMENT MECHANISM, THE FIRST CYLINDRICAL LENS ABOUT THE PROPAGATION AXIS BY A FIRST ROTATION ANGLE
912
ROTATE, VIA THE ADJUSTMENT MECHANISM, THE SECOND CYLINDRICAL LENS ABOUT THE PROPAGATION AXIS BY A SECOND ROTATION ANGLE BASED AT LEAST ON THE FIRST ROTATION ANGLE OF THE FIRST CYLINDRICAL LENS TO OBTAIN THE ROTATIONAL ORIENTATION OF THE FIRST CYLINDRICAL LENS RELATIVE TO THE SECOND CYLINDRICAL LENS
914
ROTATE, VIA THE ADJUSTMENT MECHANISM, THE FIRST CYLINDRICAL LENS ABOUT THE PROPAGATION AXIS BY THE FIRST ROTATION ANGLE AND ROTATE THE SECOND CYLINDRICAL LENS ABOUT THE PROPAGATION AXIS BY THE SECOND ROTATION ANGLE BASED AT LEAST ON THE CYLINDER PARAMETER VALUE AND THE AXIS PARAMETER VALUE
916
ADJUST, VIA THE ADJUSTMENT MECHANISM, A STATE OF A SPHERICAL OPTICAL ELEMENT OF THE VISION CORRECTION MODULE TO CAUSE THE SPHERICAL OPTICAL ELEMENT TO ADJUST A FOCAL POINT OF THE IMAGE LIGHT TO THE DESIGNATED LOCATION IN THE EYE OF THE USER
918
ADJUST, VIA THE ADJUSTMENT MECHANISM, THE STATE OF THE SPHERICAL OPTICAL ELEMENT BASED AT LEAST ON THE SPHERE PARAMETER VALUE
RETURN

FIG. 9

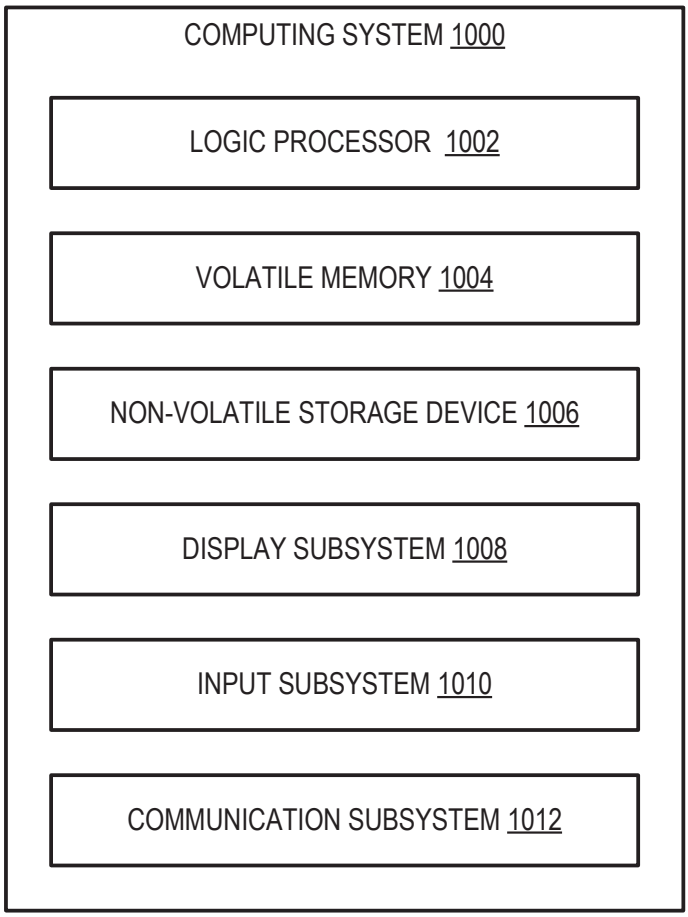

COMPUTING SYSTEM 1000
LOGIC PROCESSOR 1002
VOLATILE MEMORY 1004
NON-VOLATILE STORAGE DEVICE 1006
DISPLAY SUBSYSTEM 1008
INPUT SUBSYSTEM 1010
COMMUNICATION SUBSYSTEM 1012

FIG. 10