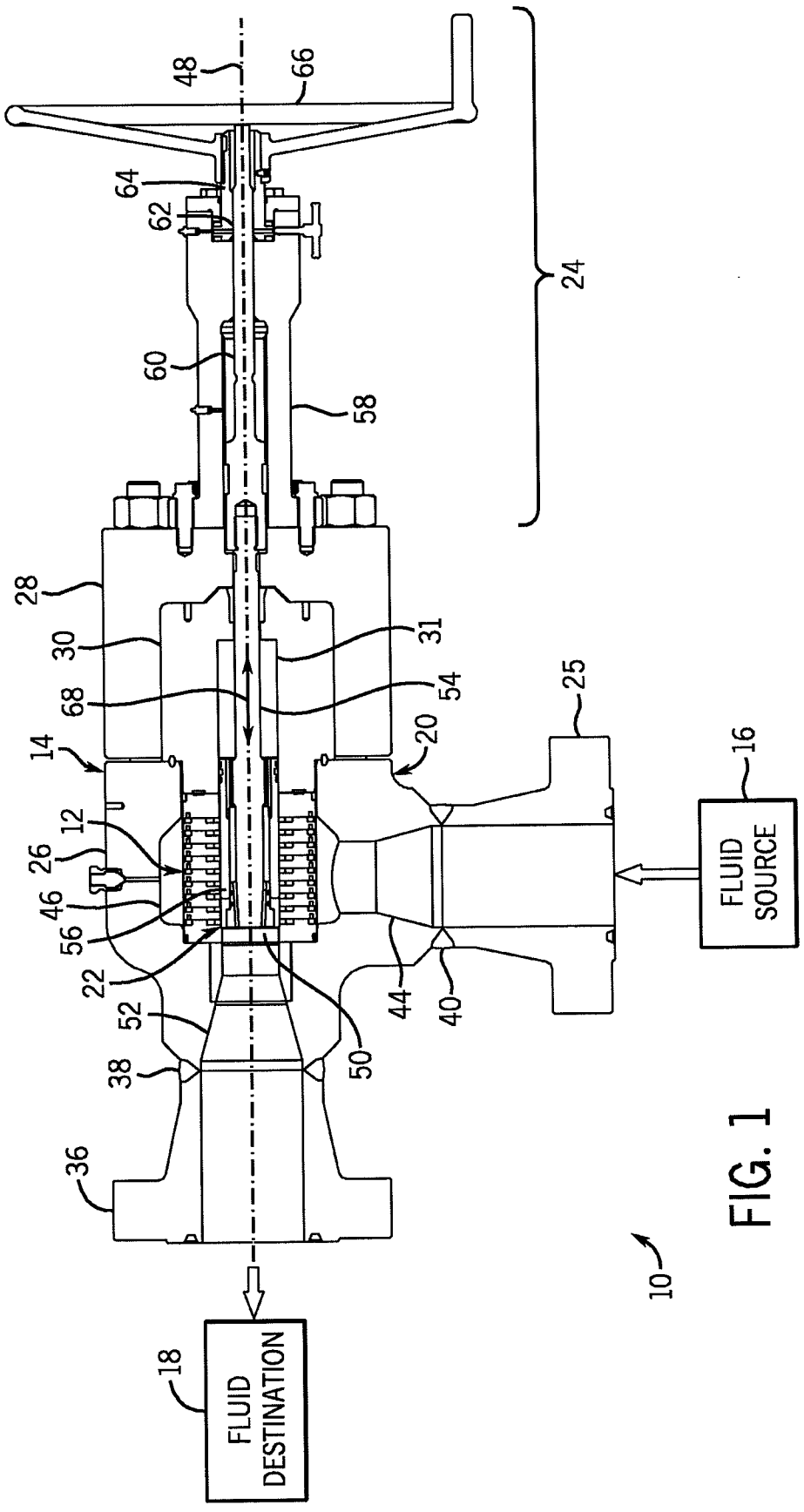

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FLUID SOURCE
FLUID DESTINATION
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FIG. 1

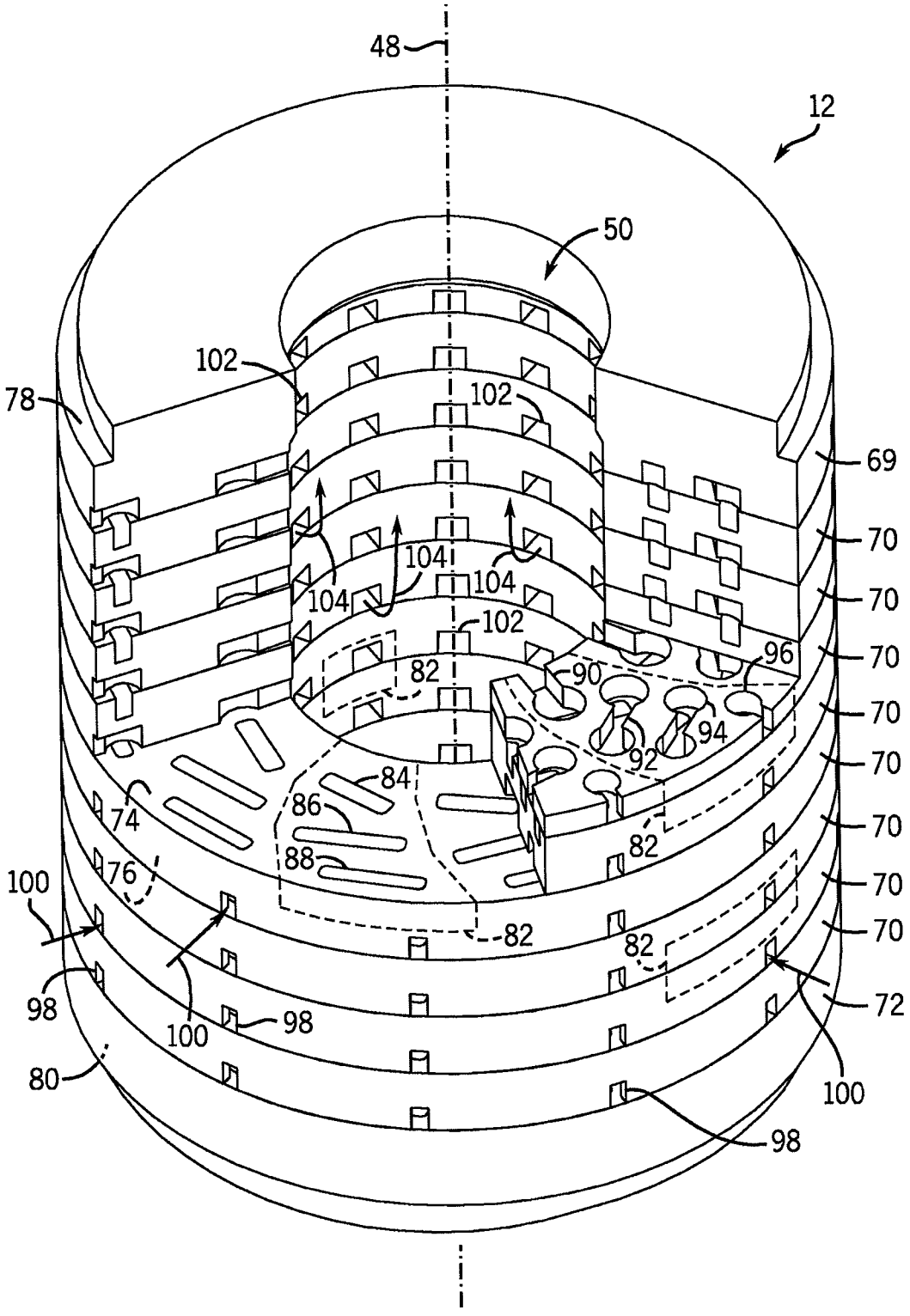

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FIG. 2

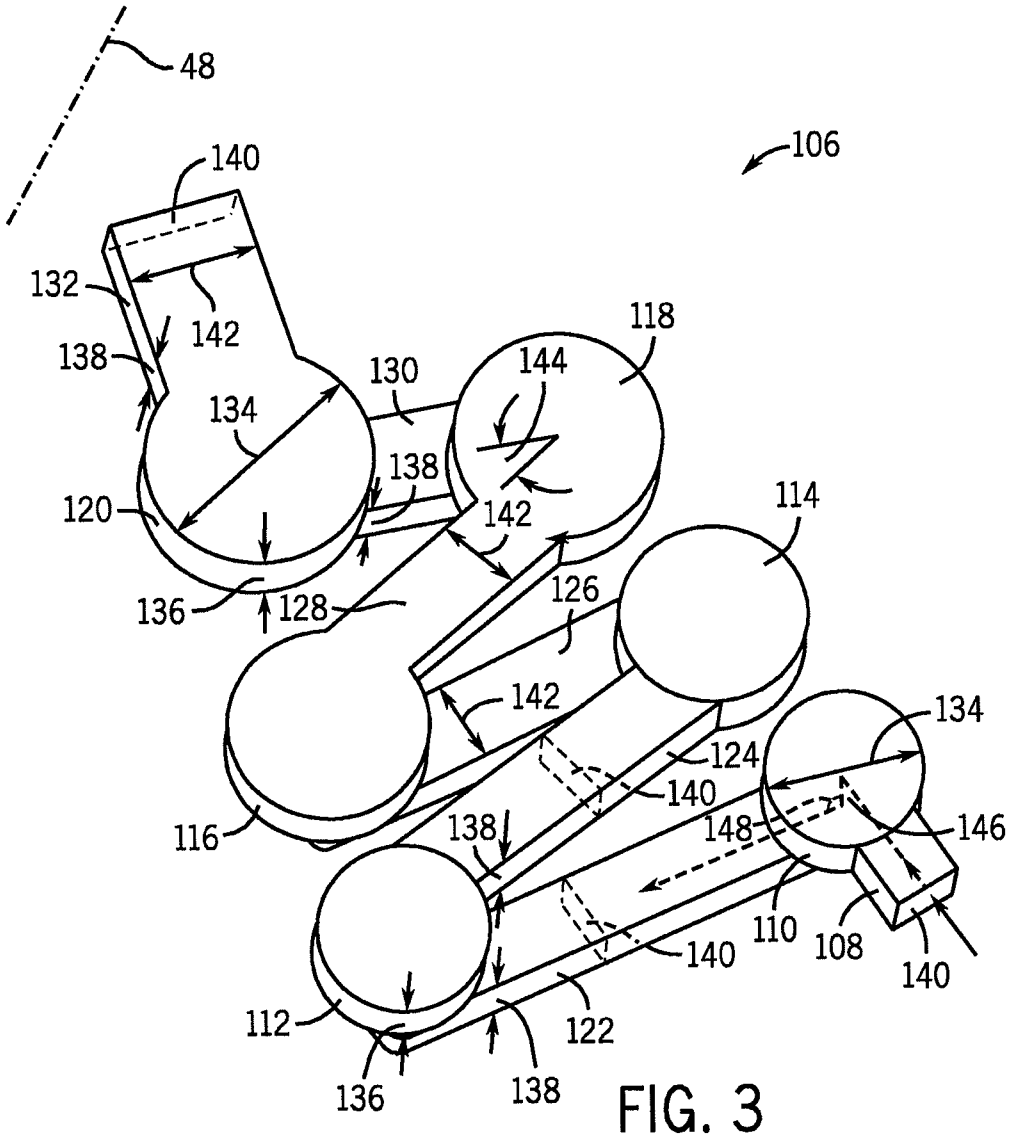

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FIG. 3

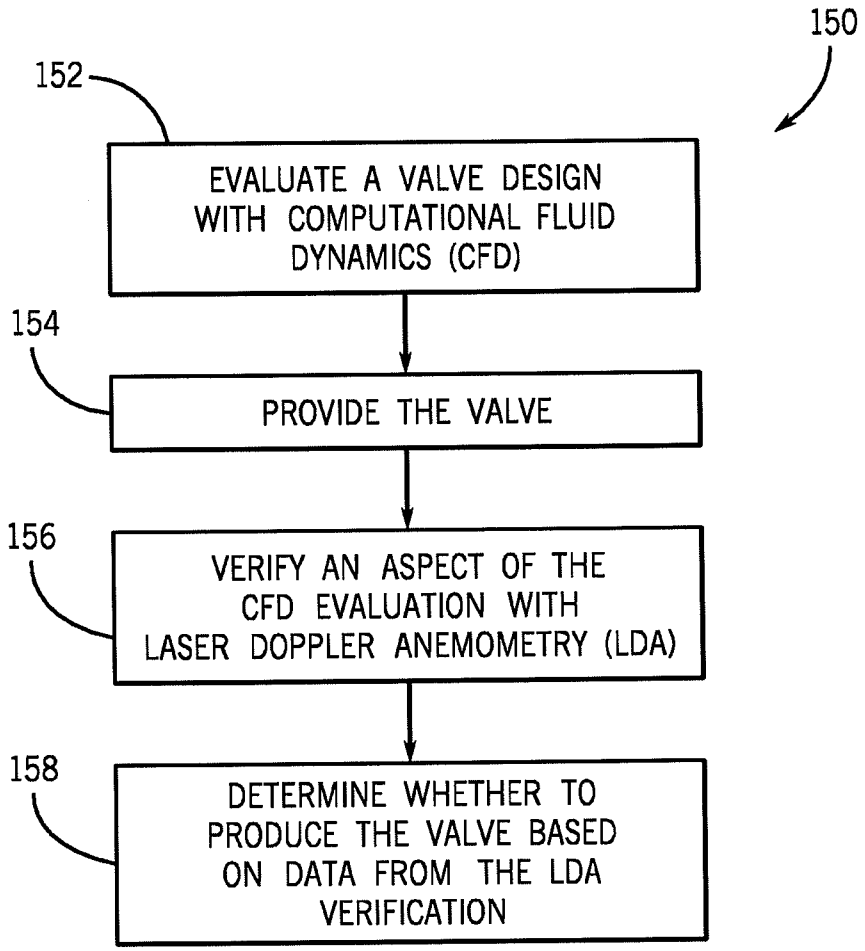

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152
EVALUATE A VALVE DESIGN WITH COMPUTATIONAL FLUID DYNAMICS (CFD)
154
PROVIDE THE VALVE
156
VERIFY AN ASPECT OF THE CFD EVALUATION WITH LASER DOPPLER ANEMOMETRY (LDA)
158
DETERMINE WHETHER TO PRODUCE THE VALVE BASED ON DATA FROM THE LDA VERIFICATION

FIG. 4

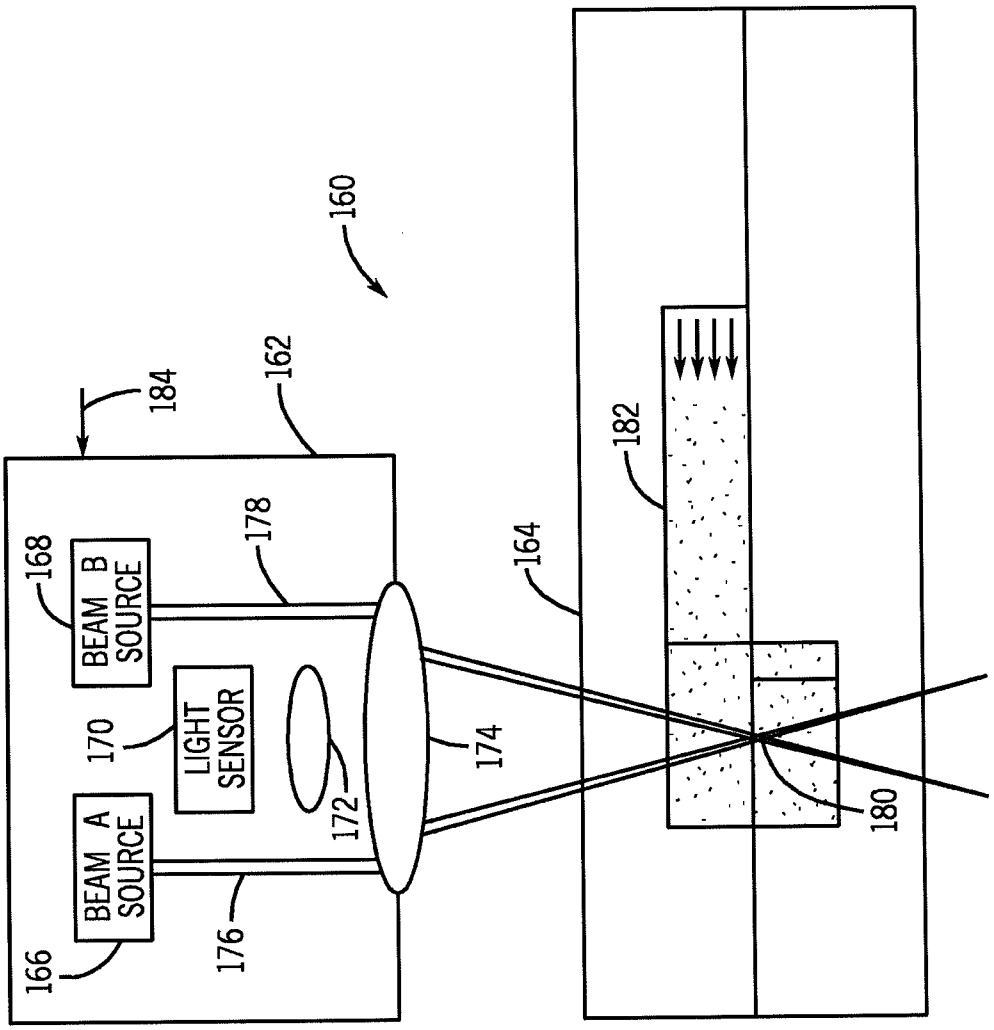

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168
BEAM B SOURCE
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182
170
LIGHT SENSOR
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172
180
BEAM A SOURCE
176
166

FIG. 5