

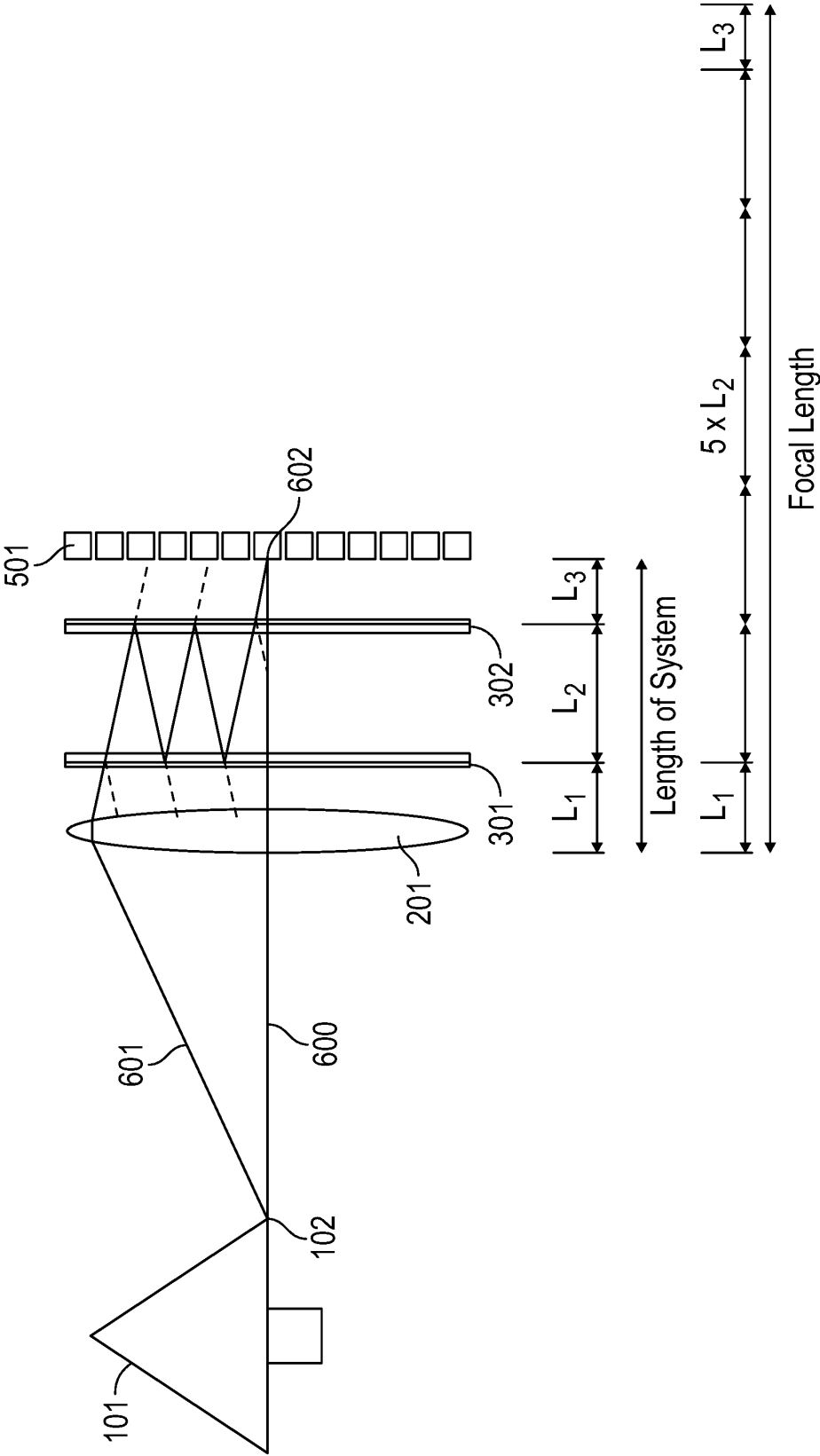


FIG. 1

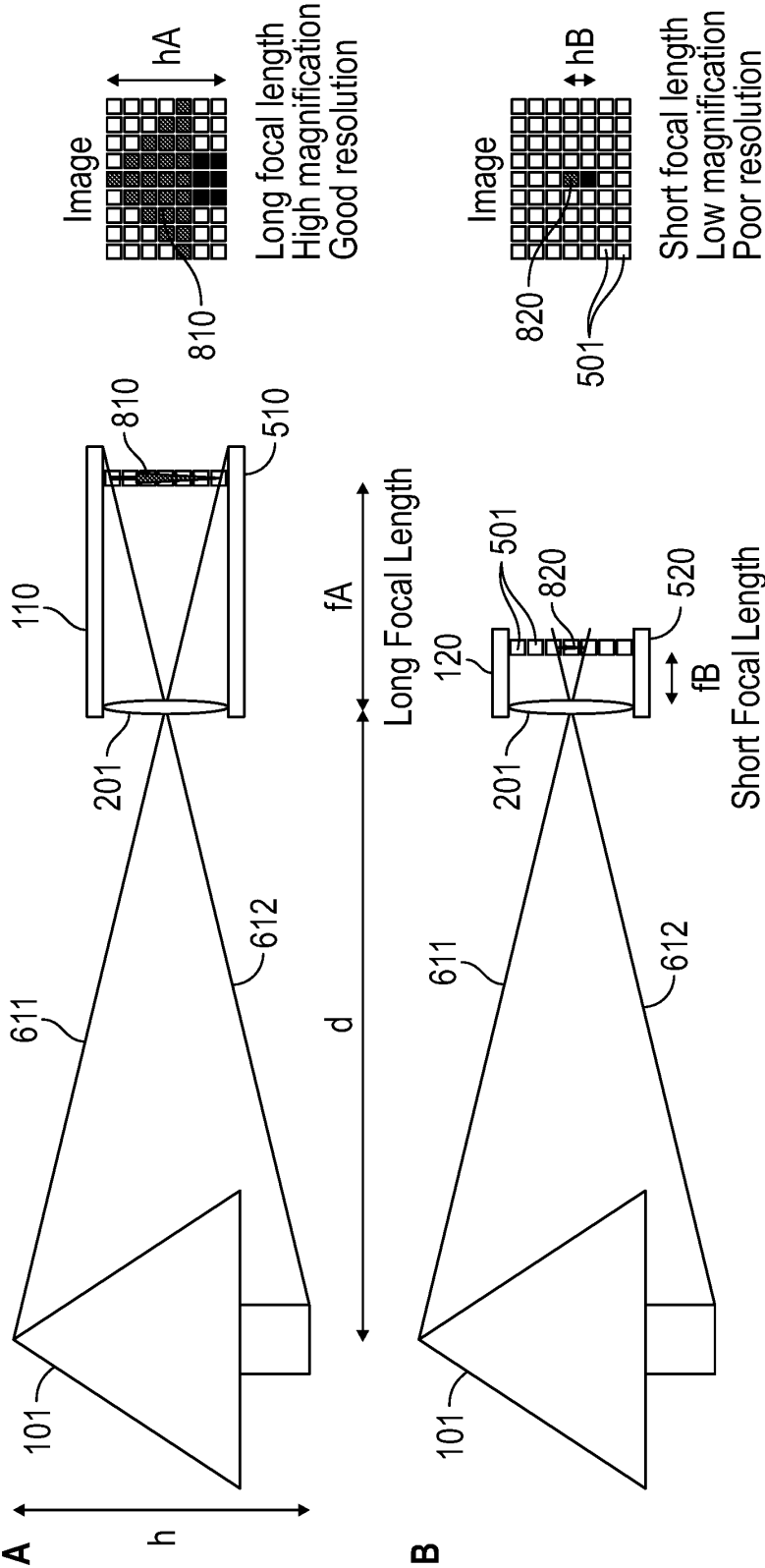
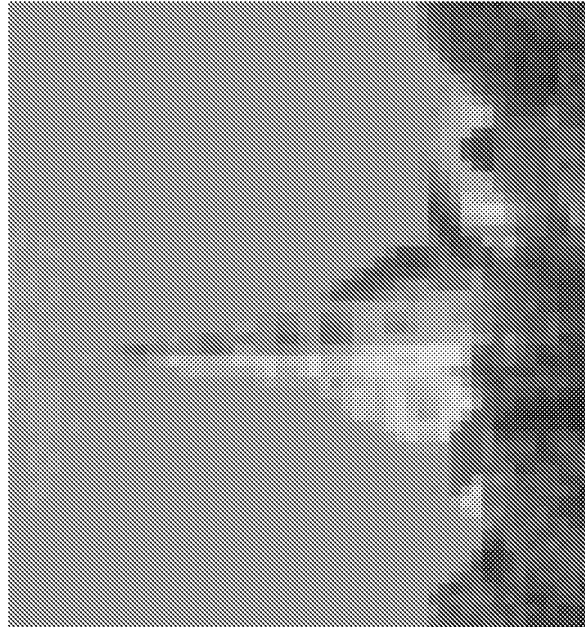
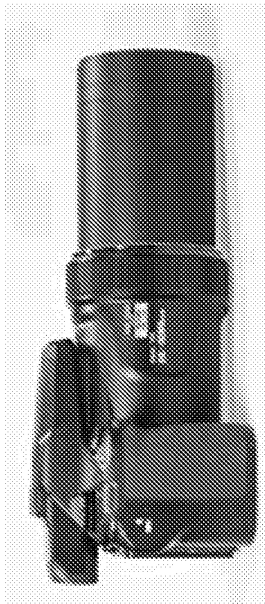


FIG. 2
(Prior Art)



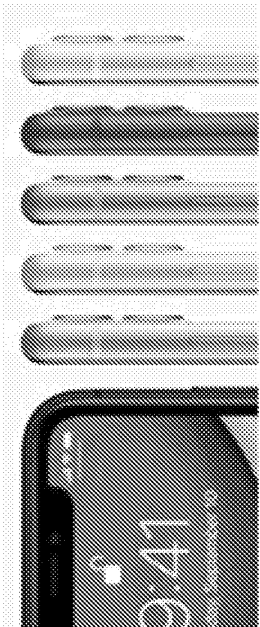
A1

B1



A2

B2



0.5 cm

20 cm

FIG. 3
(Prior Art)

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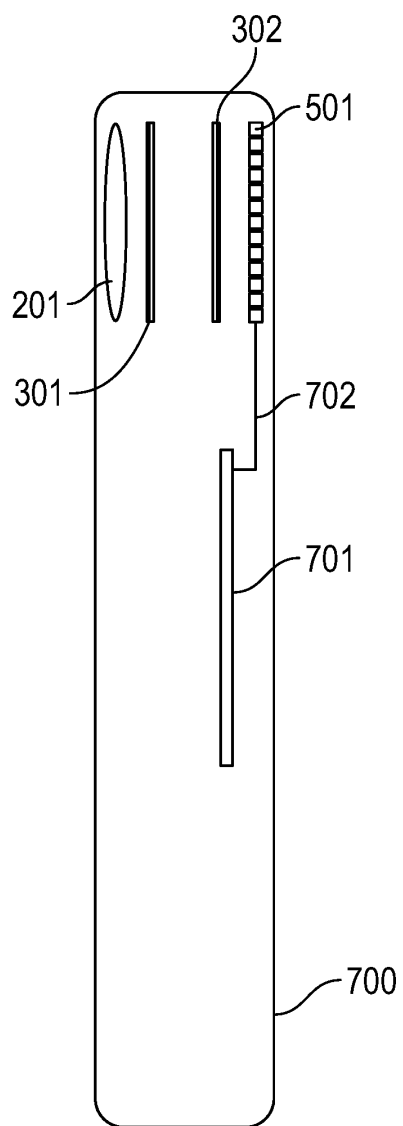
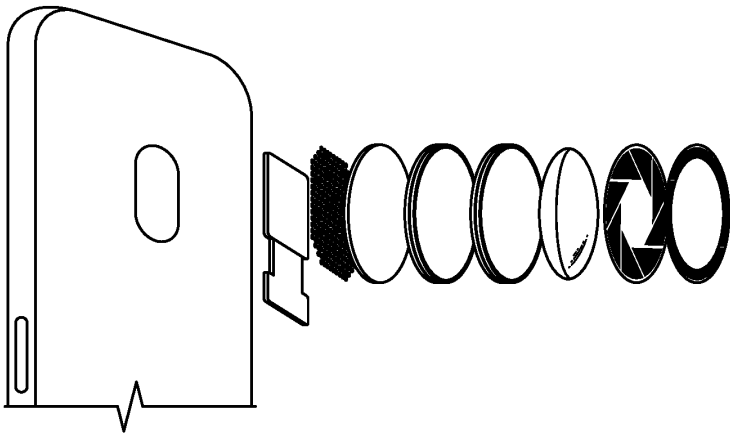


FIG. 4



Aperture



Shutter



Lens



1st Partial Reflector



2nd Partial Reflector



Filter



Sensor



PCB Board

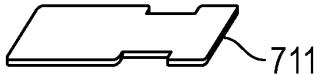
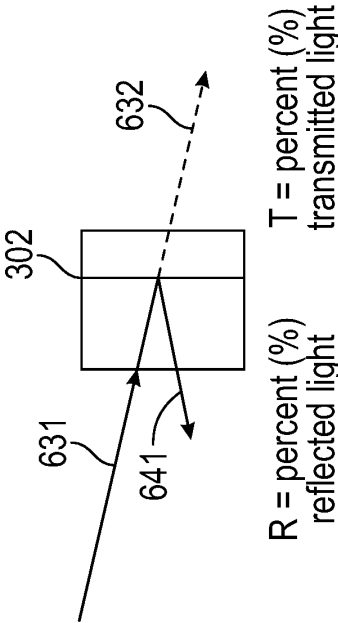
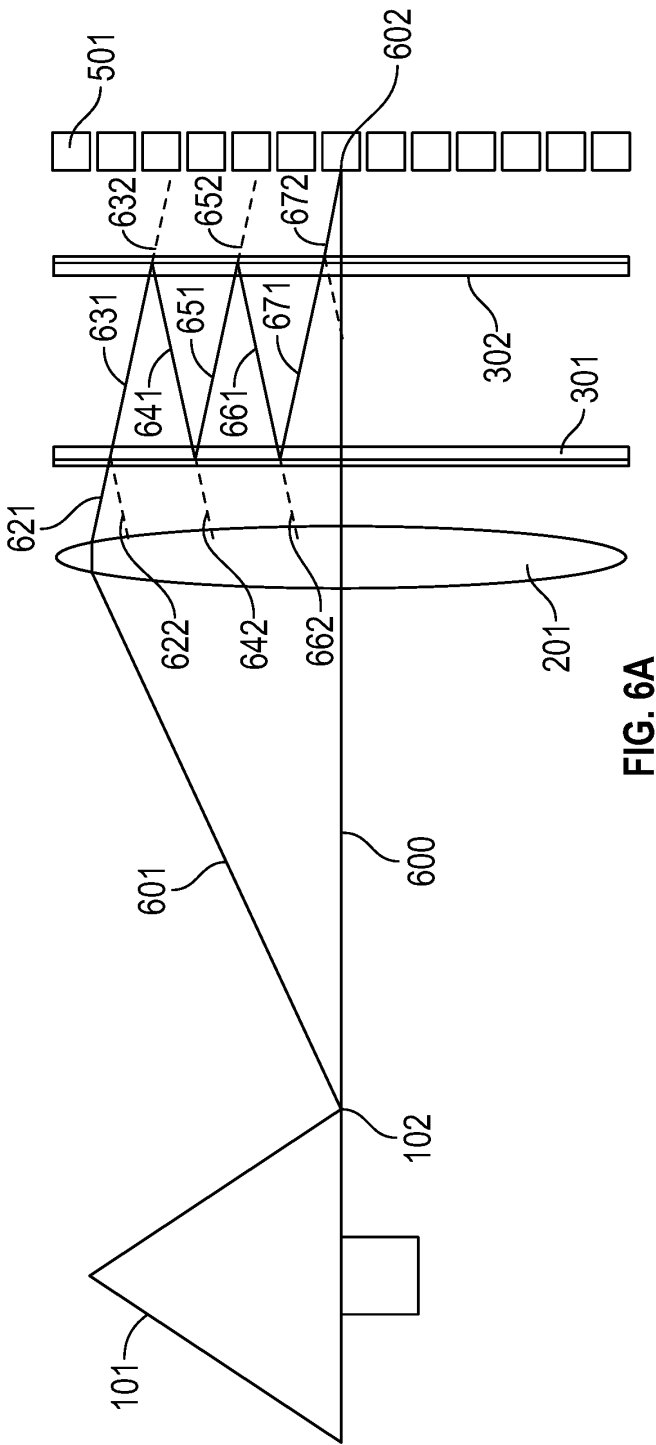


FIG. 5



R = percent (%)
reflected light

T = percent (%)
transmitted light

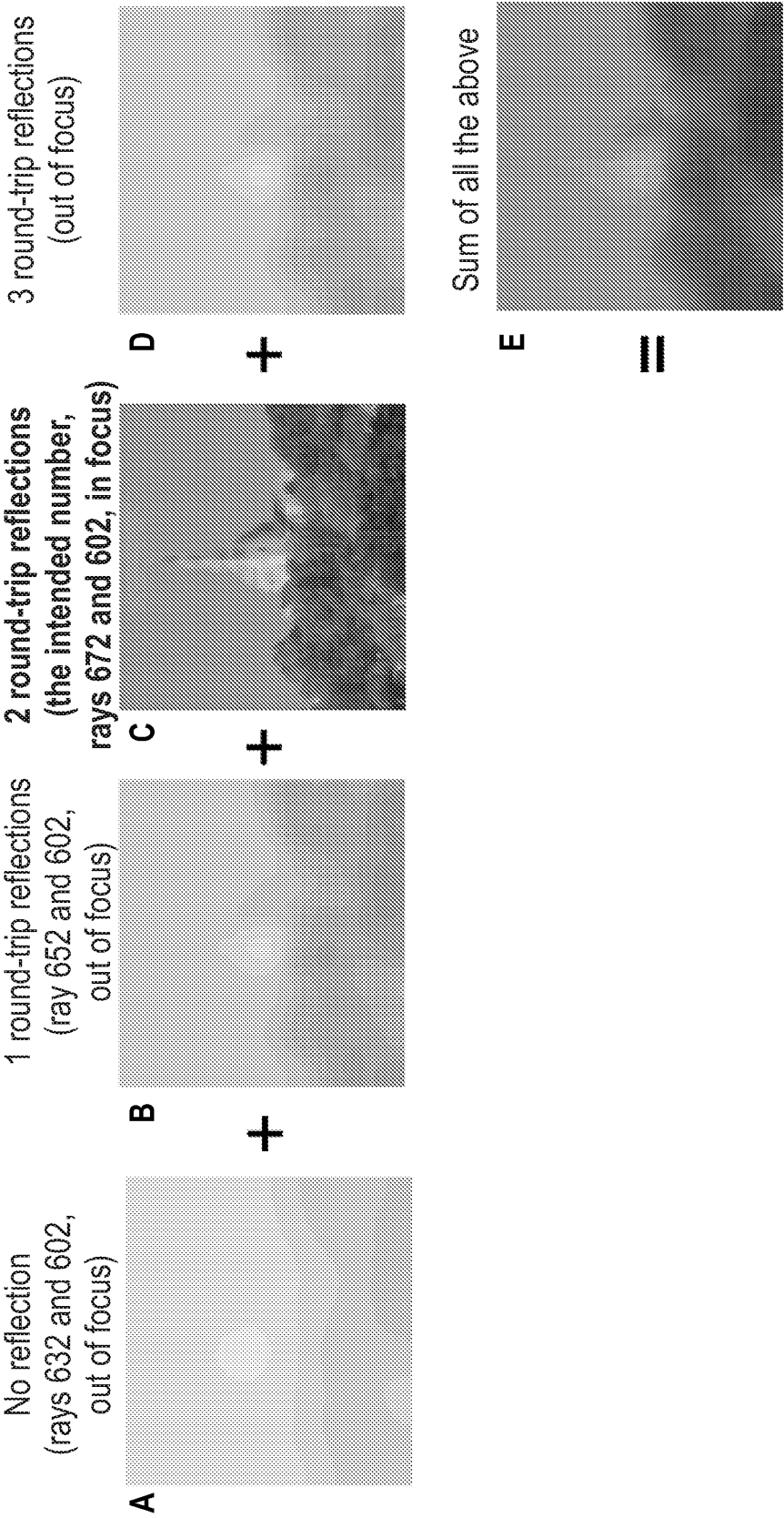


FIG. 7

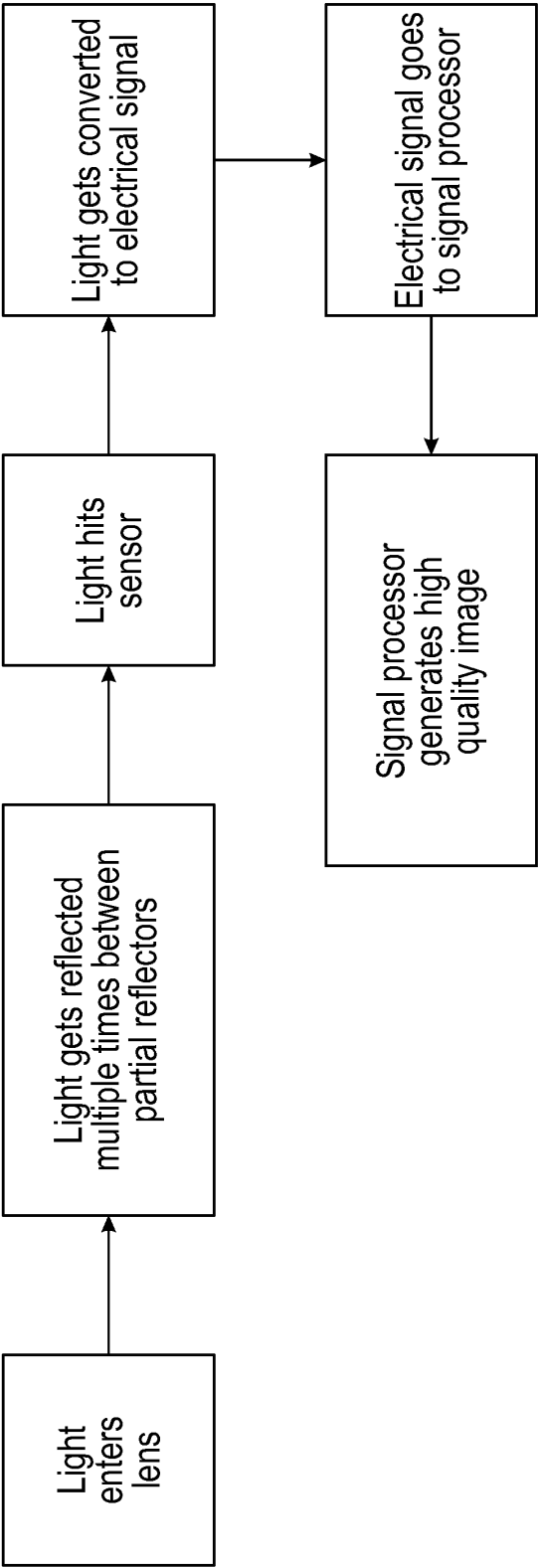


FIG. 8

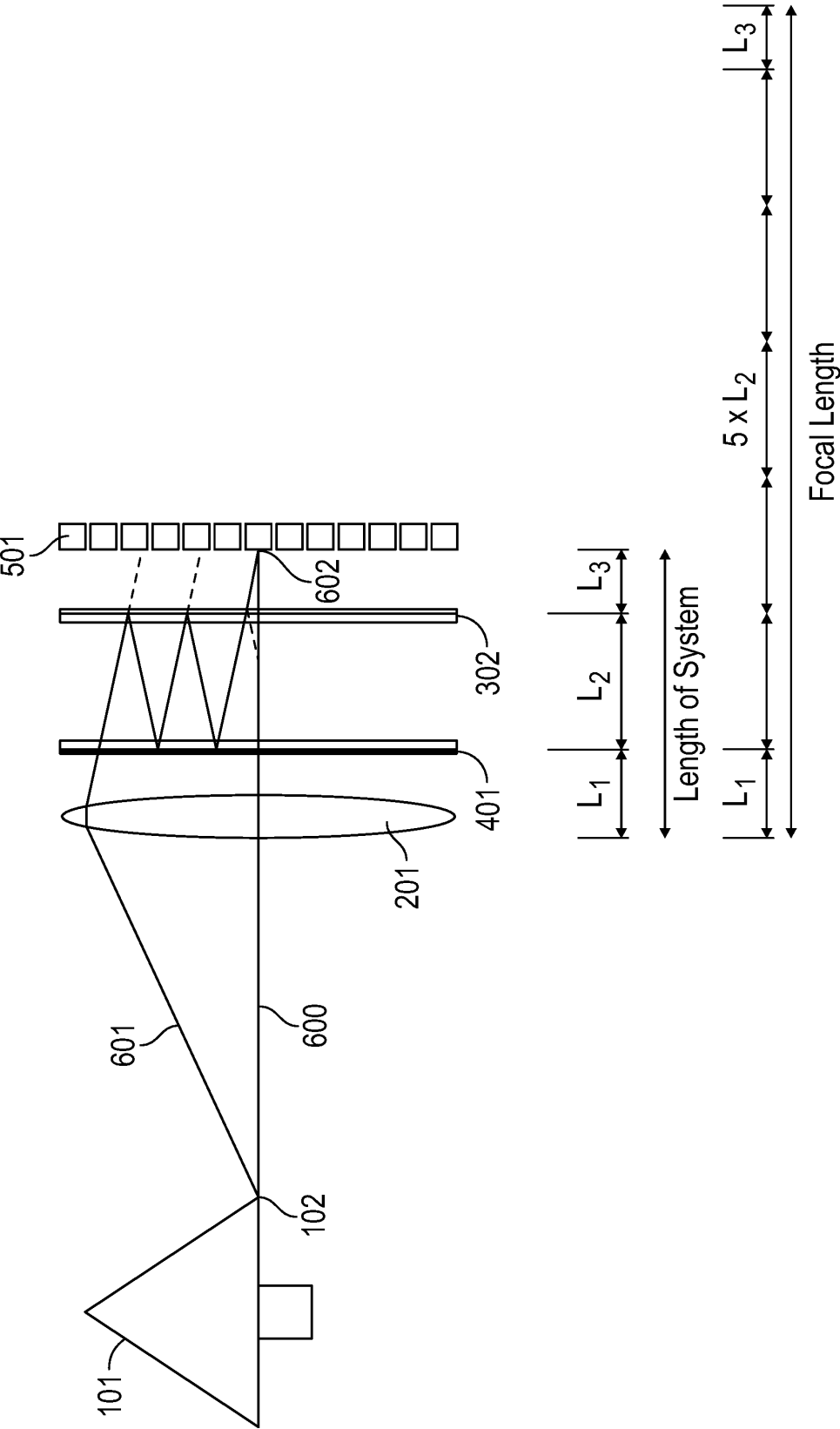


FIG. 9

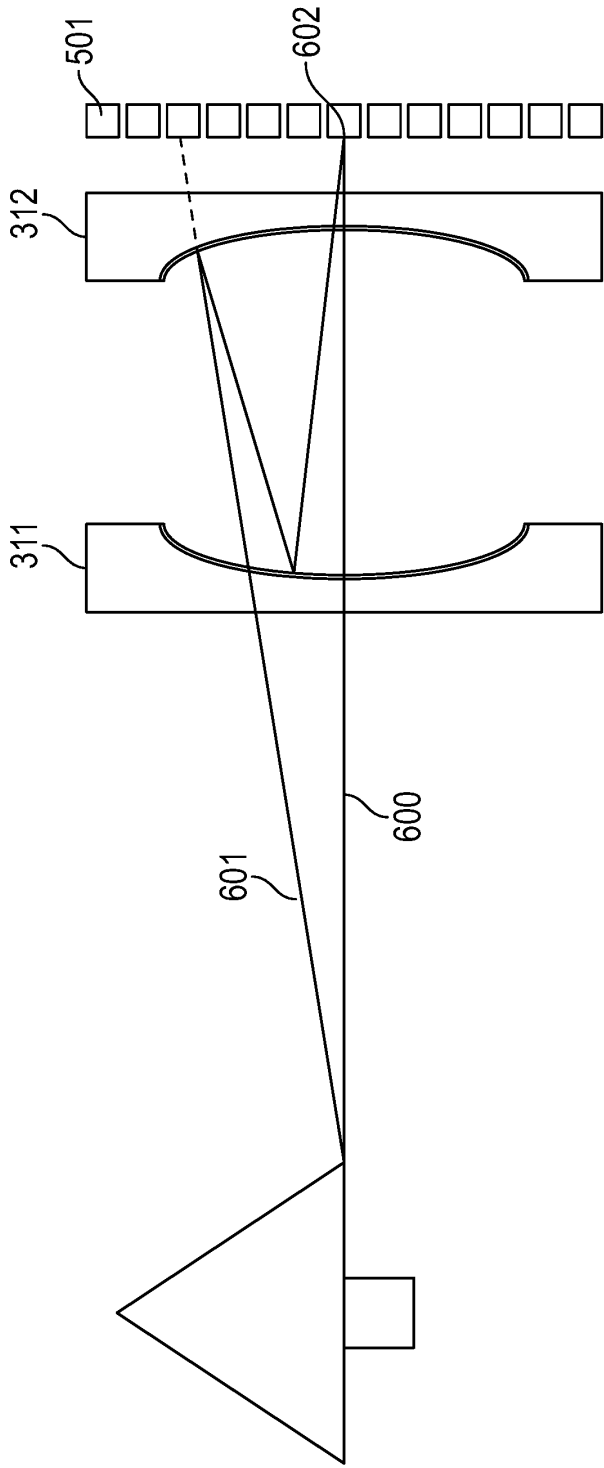


FIG. 10

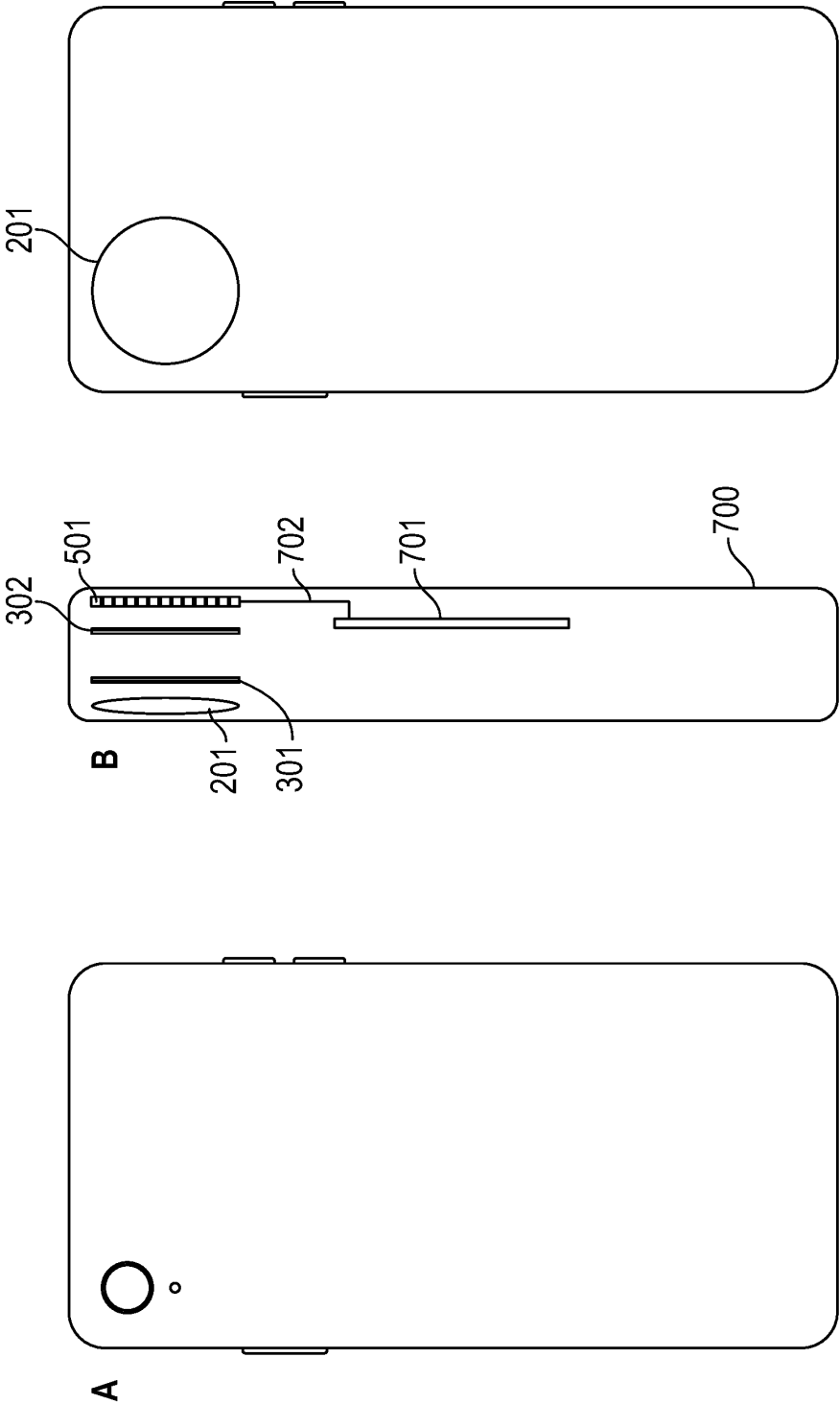


FIG. 11

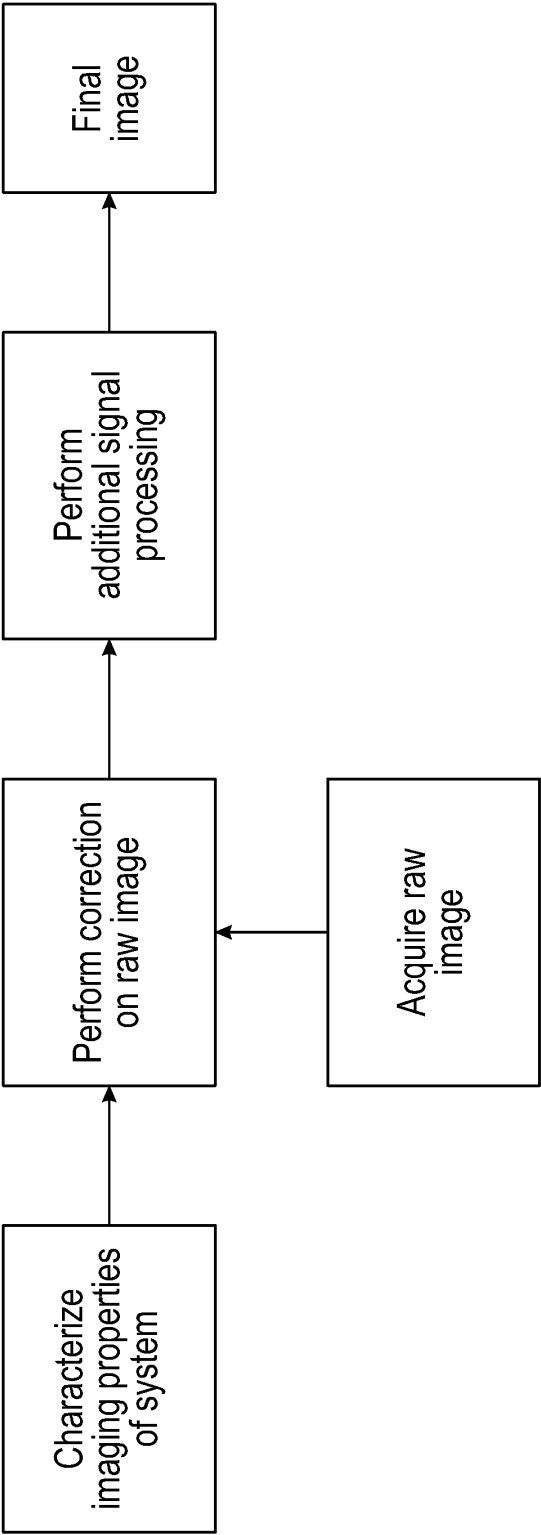


FIG. 12

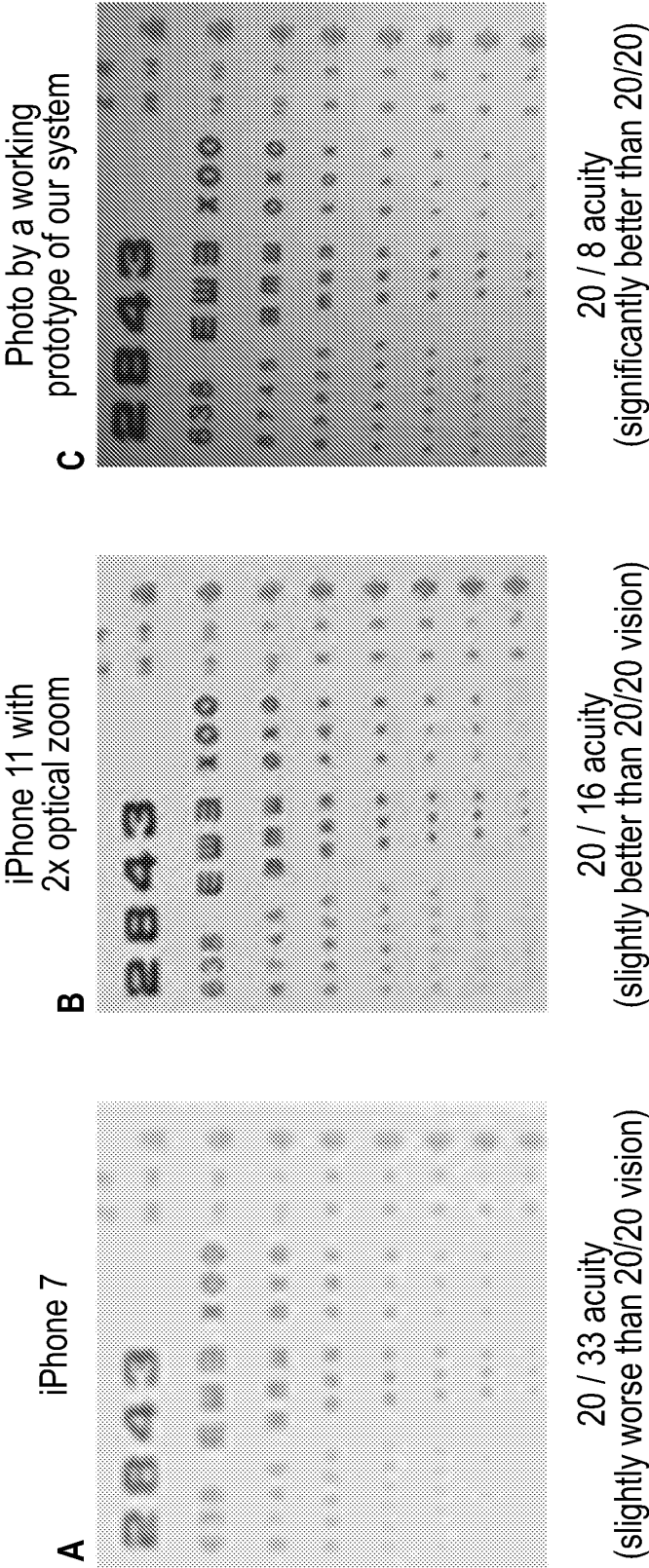


FIG. 13