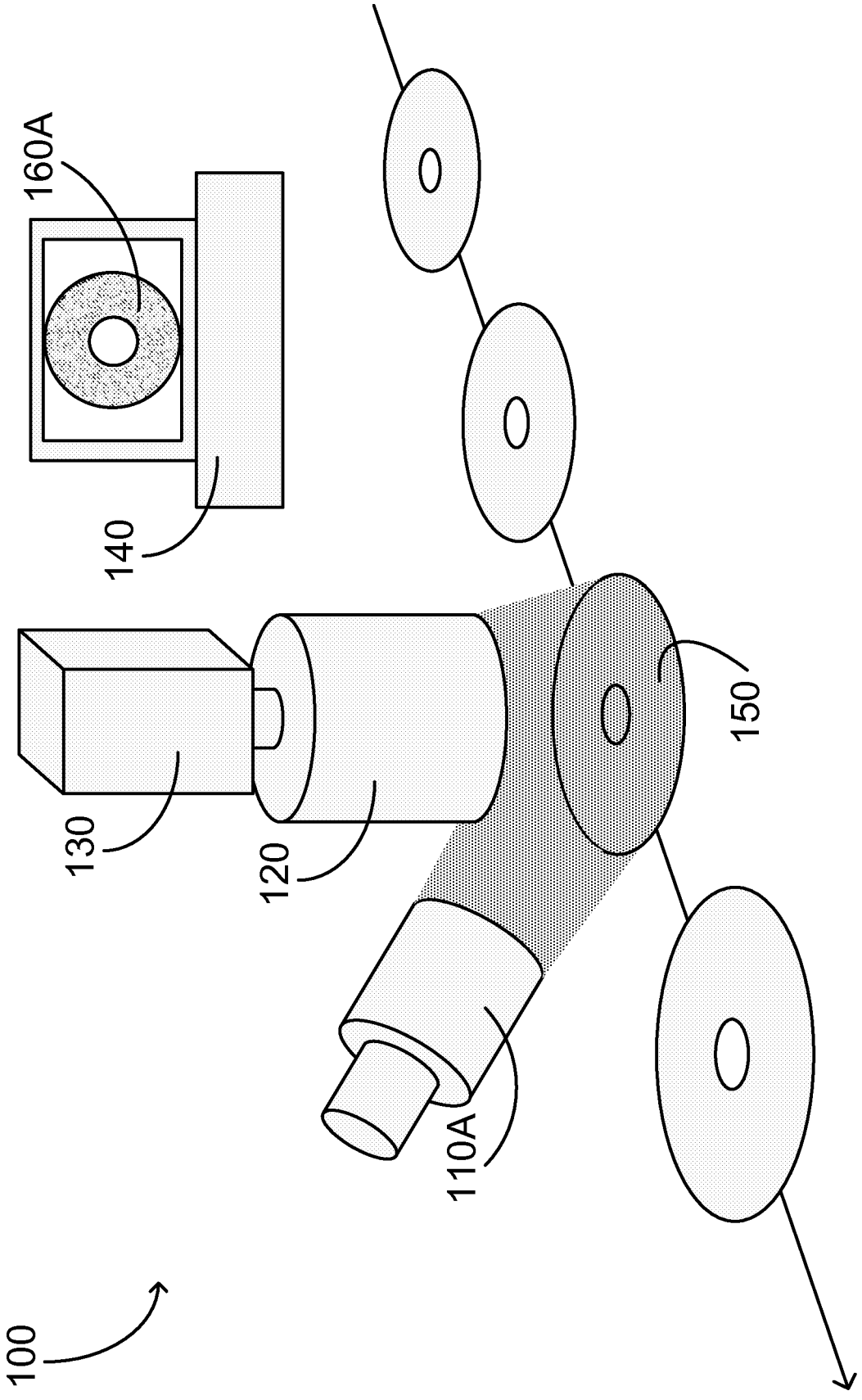


FIG. 1

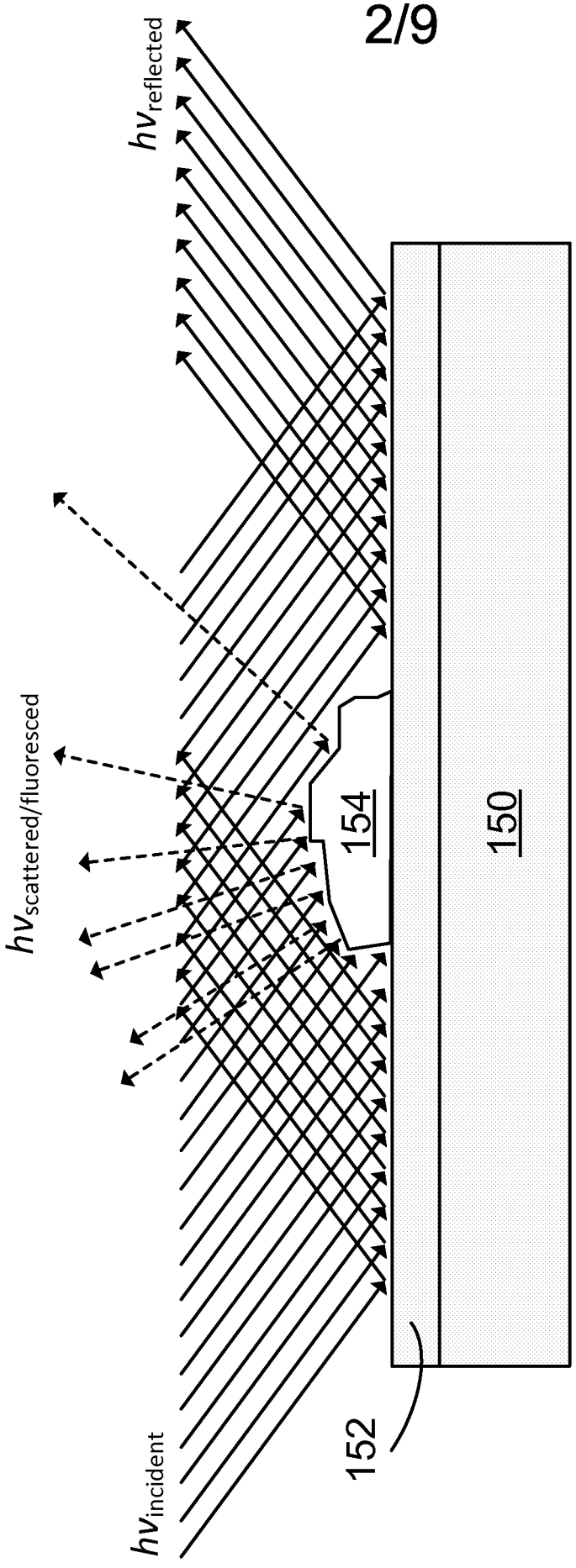

$hv_{reflected}$
$hv_{scattered/fluoresced}$
154
150
152
$hv_{incident}$

FIG. 2

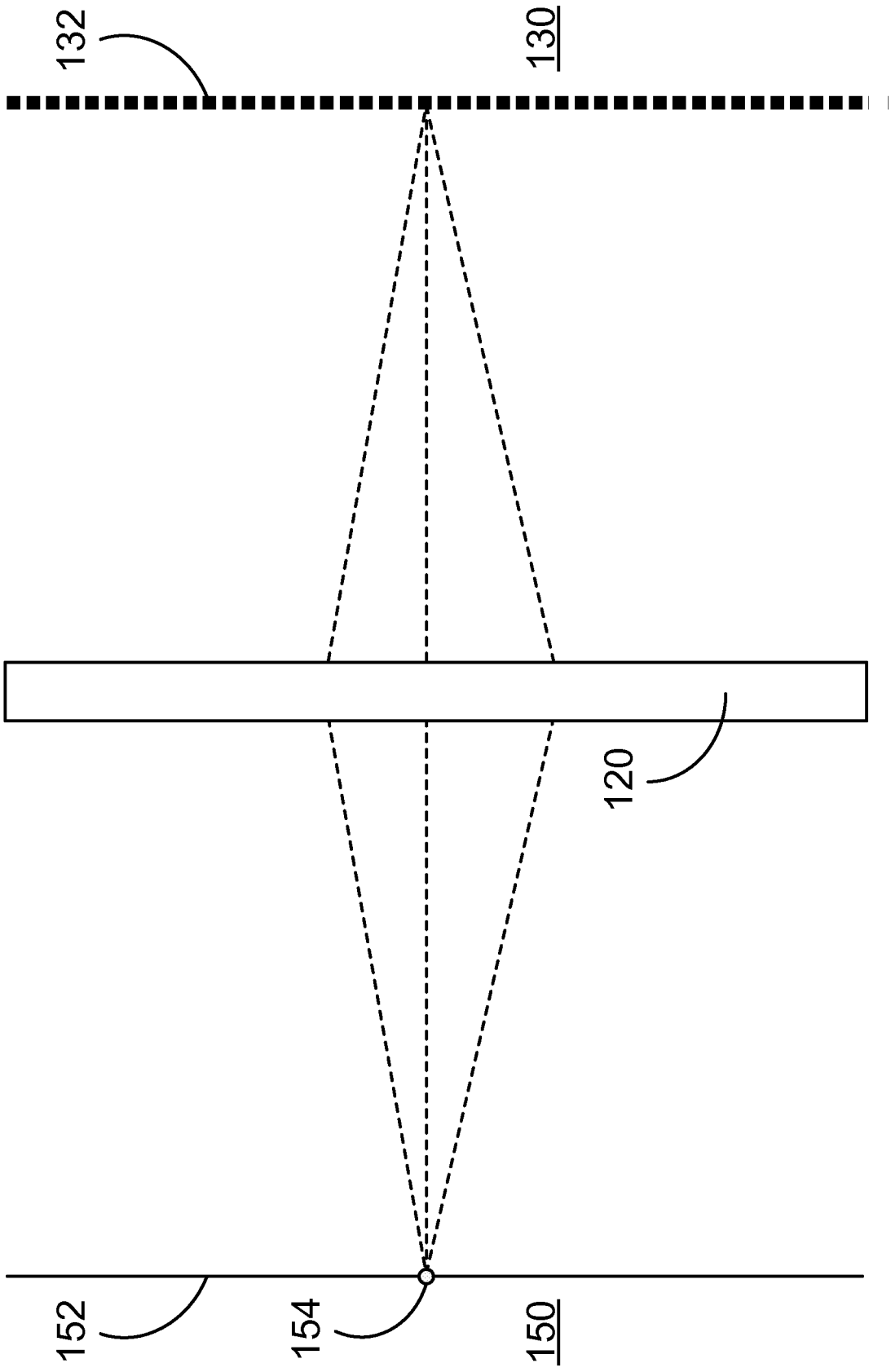


FIG. 3

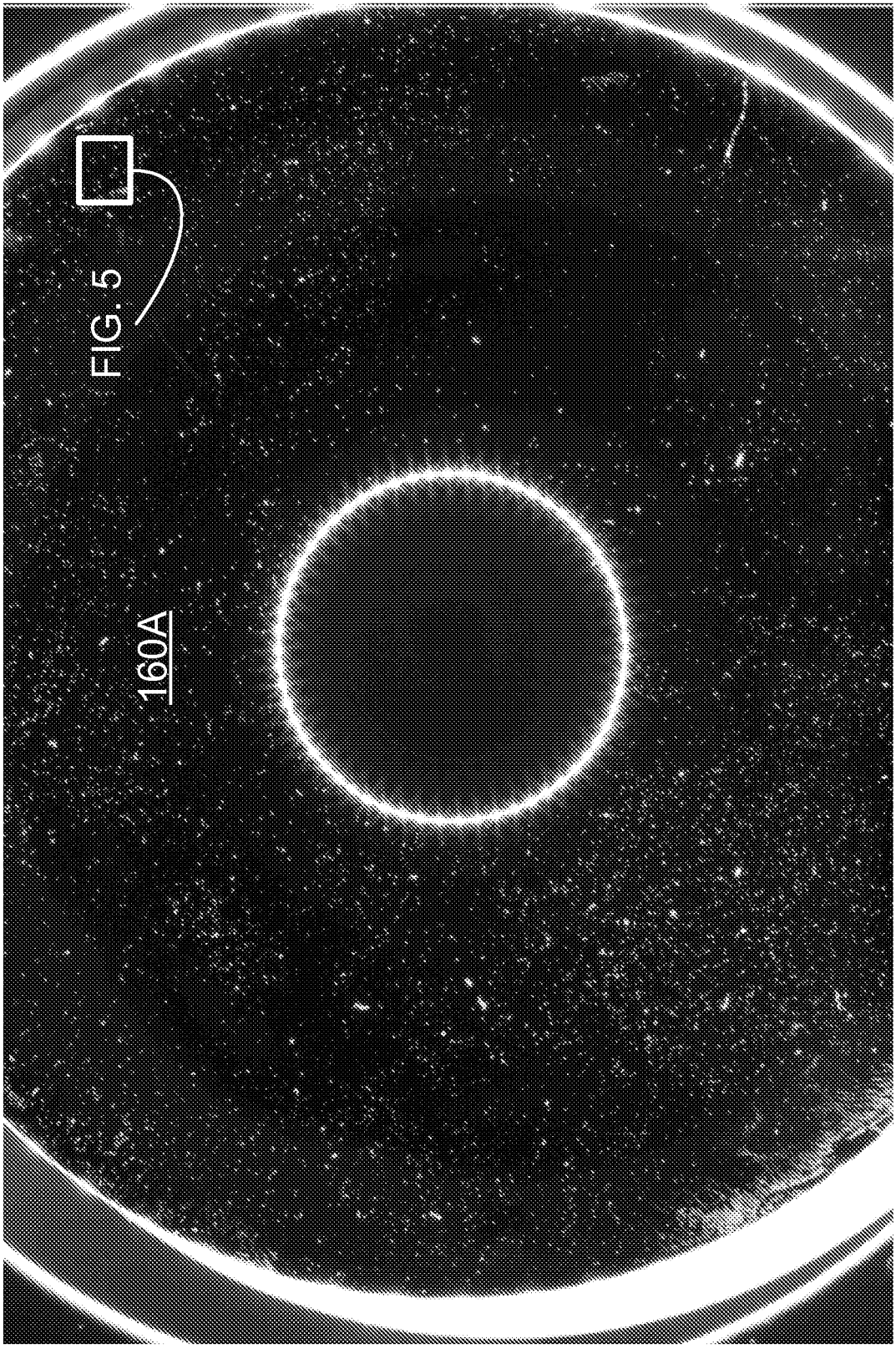


FIG. 4

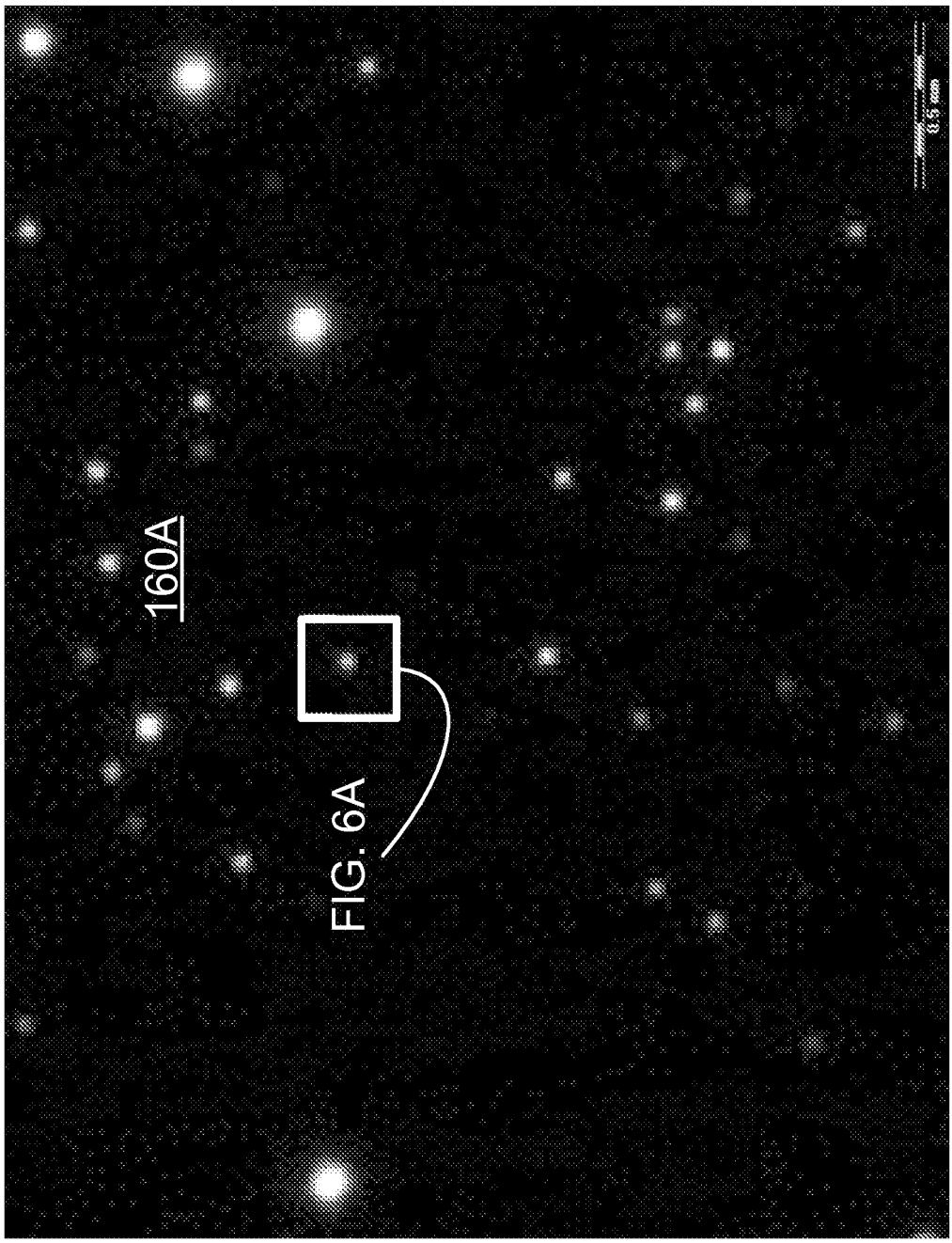


FIG. 5

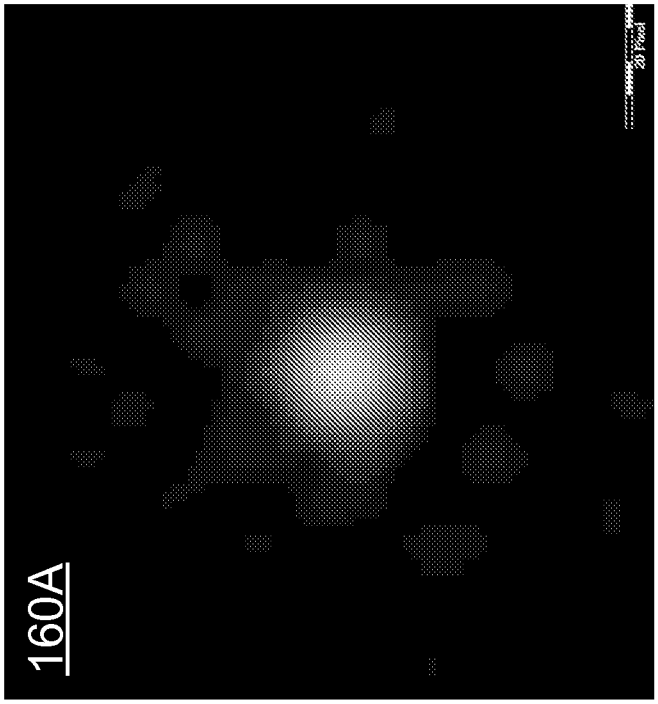


FIG. 6B

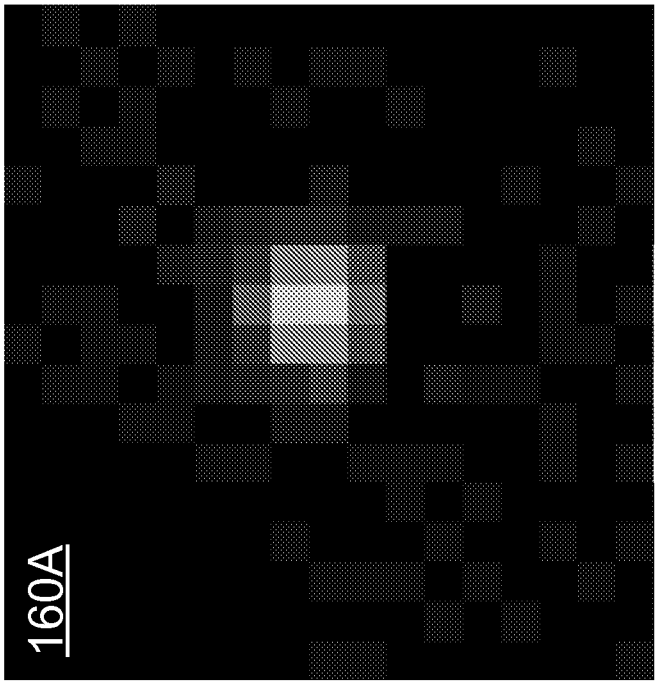


FIG. 6A

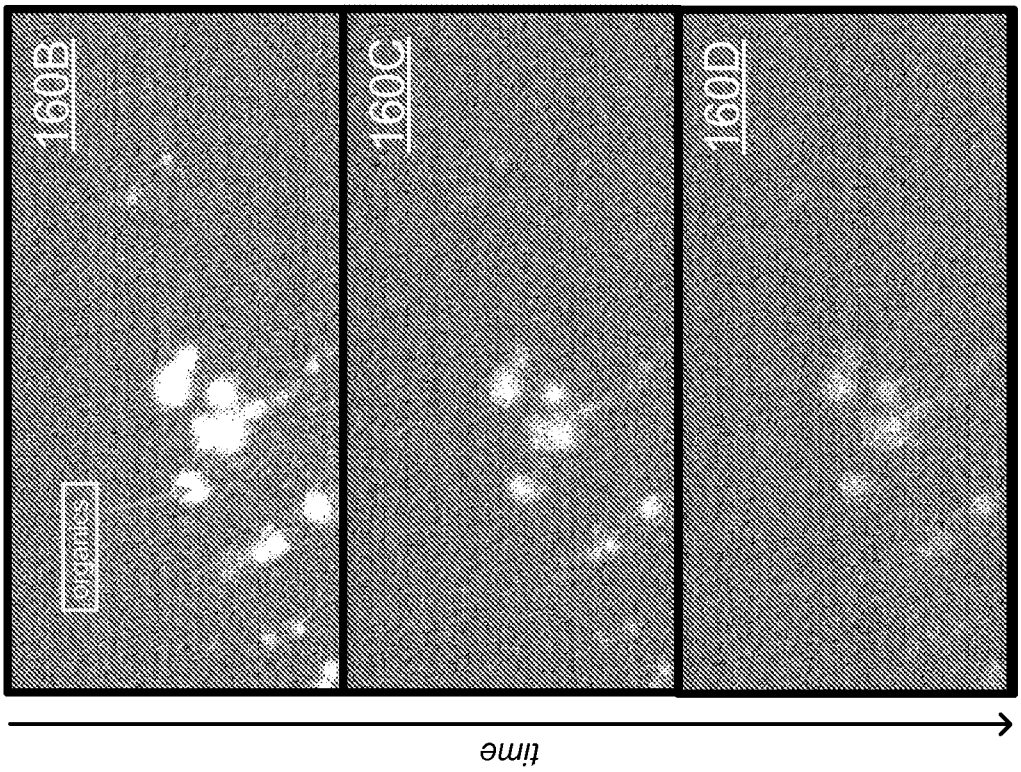


FIG. 7B

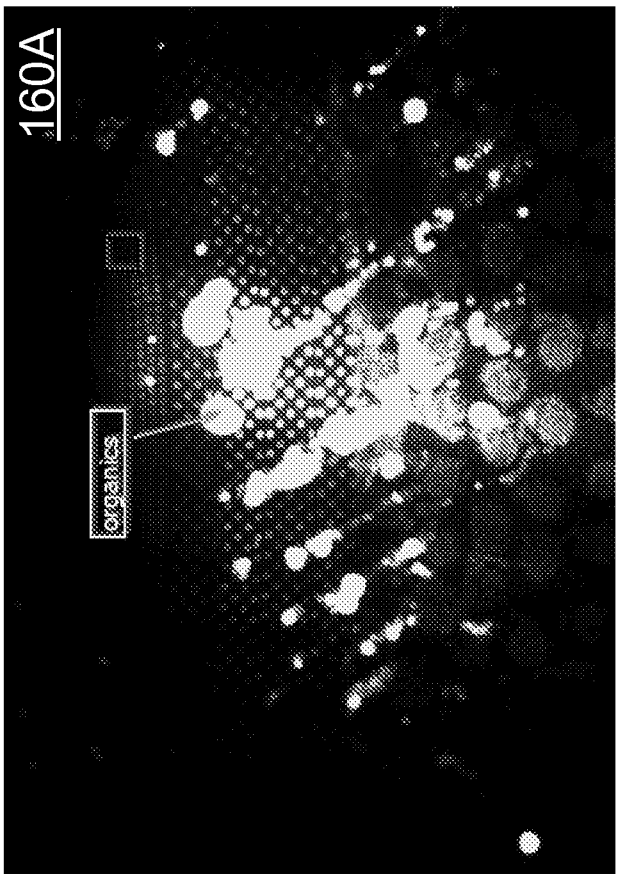


FIG. 7A

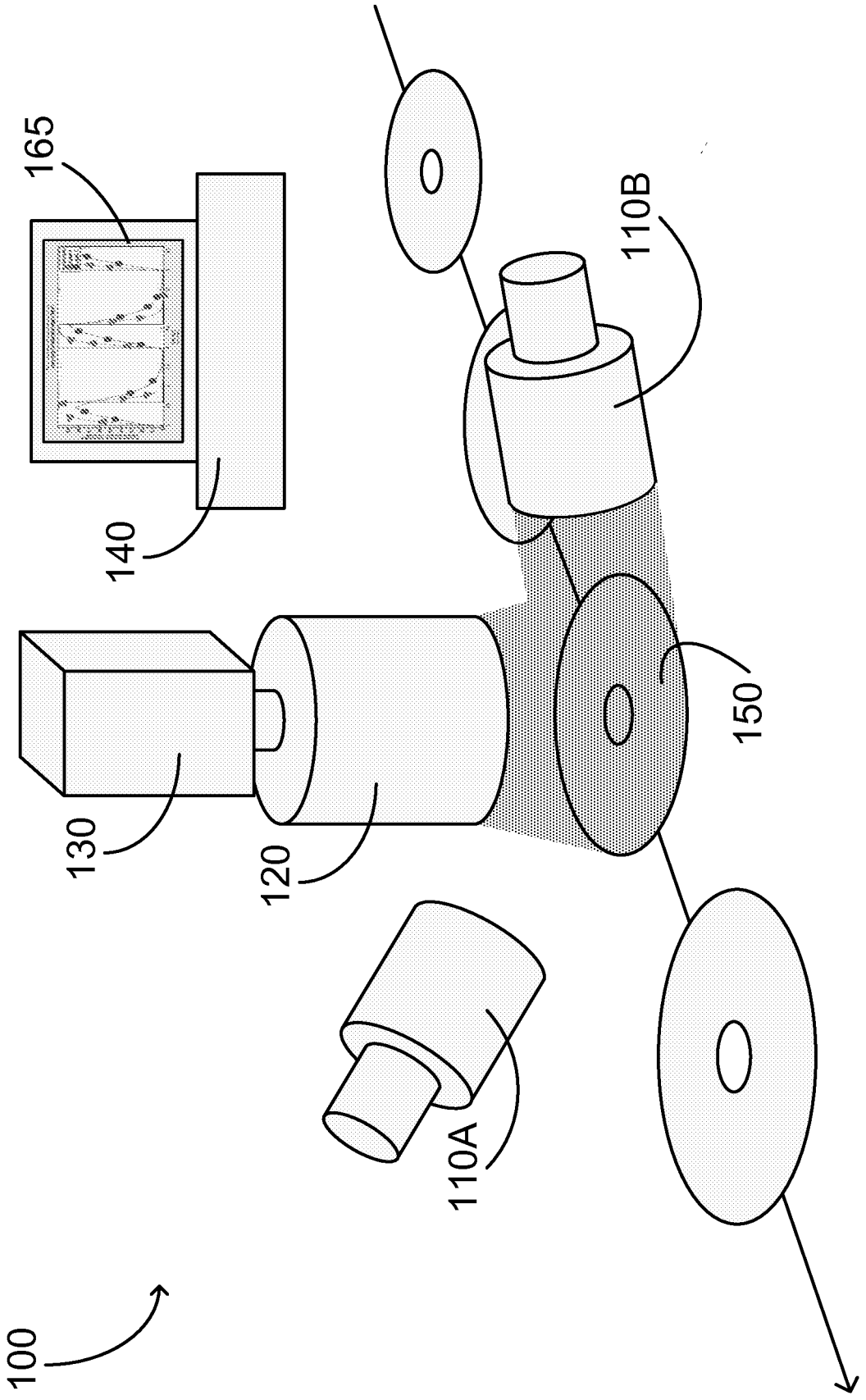


FIG. 8

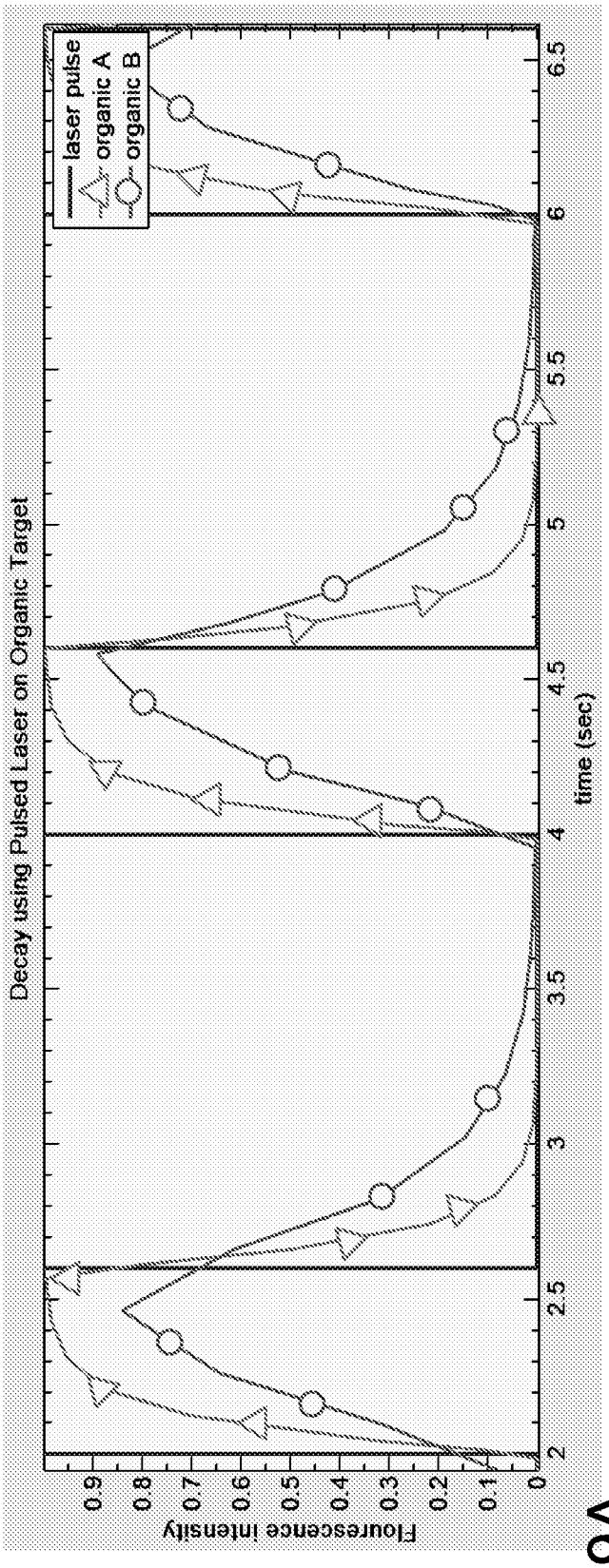

Decay using Pulsed Laser on Organic Target
laser pulse
organic A
organic B
Flourescence intensity
time (sec)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
2
2.5
3
3.5
4
4.5
5
5.5
6
6.5

FIG. 9A

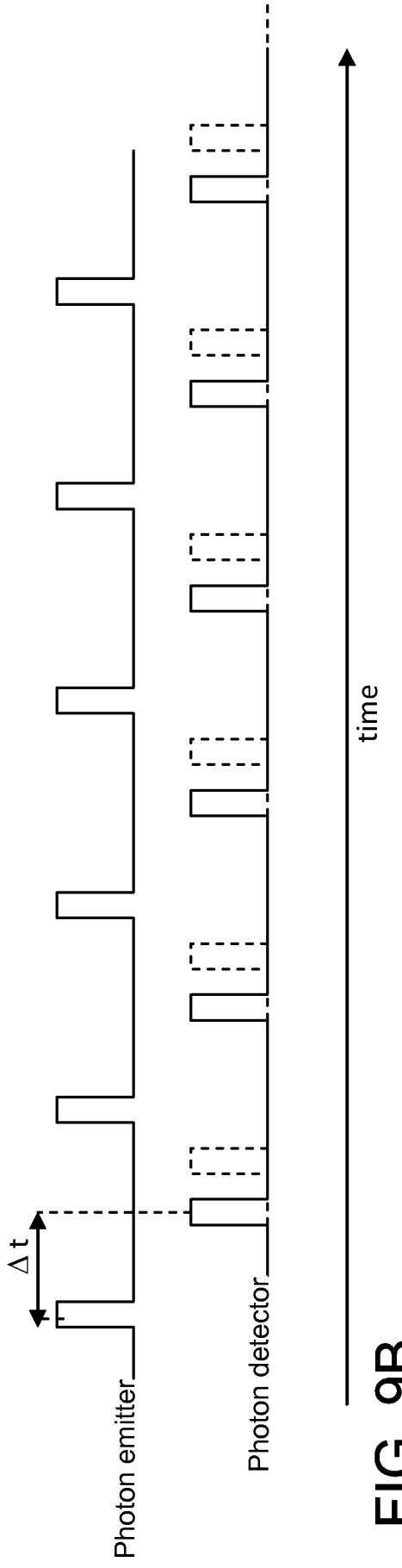

Δ t
Photon emitter
Photon detector
time

FIG. 9B