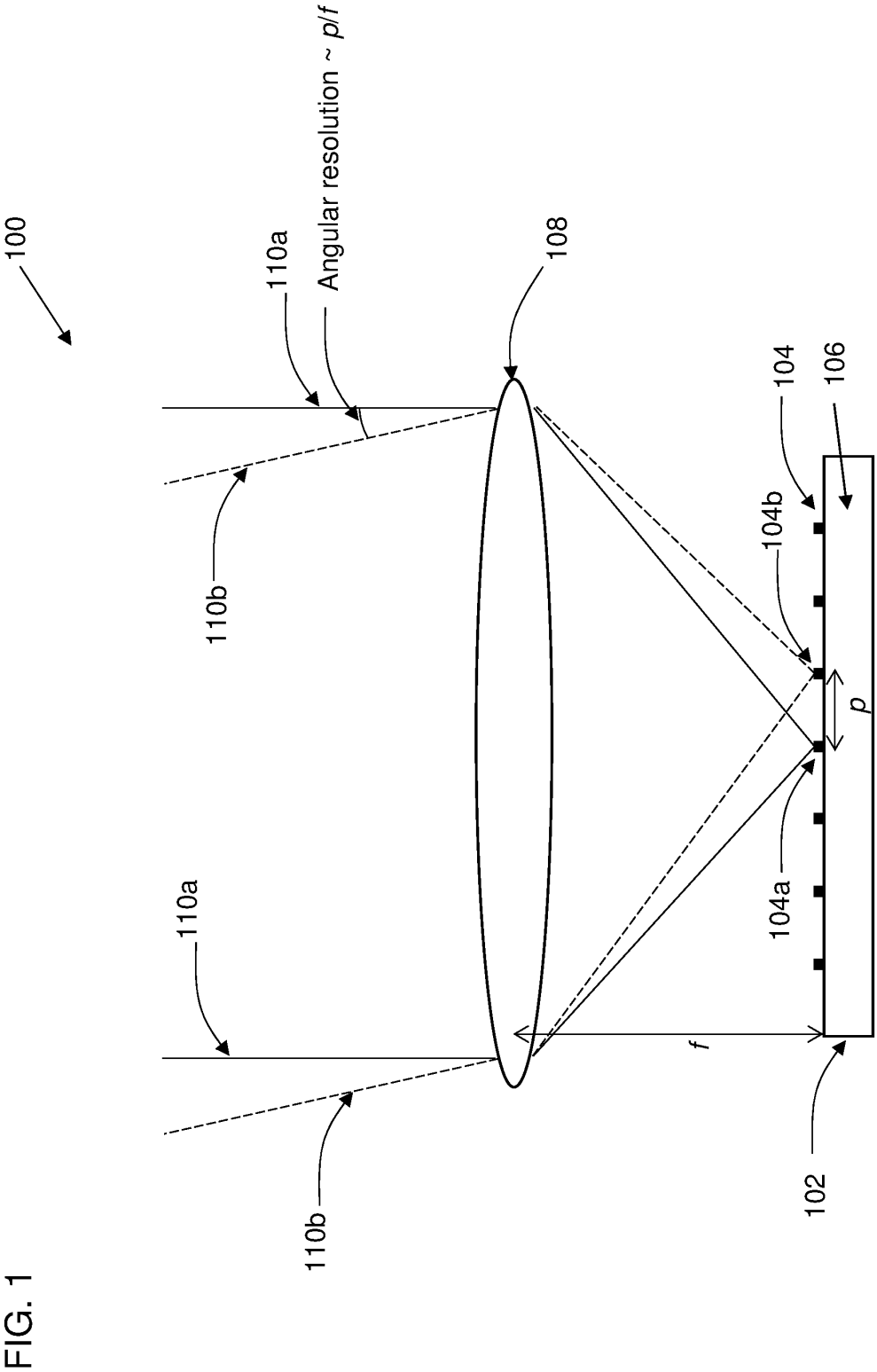
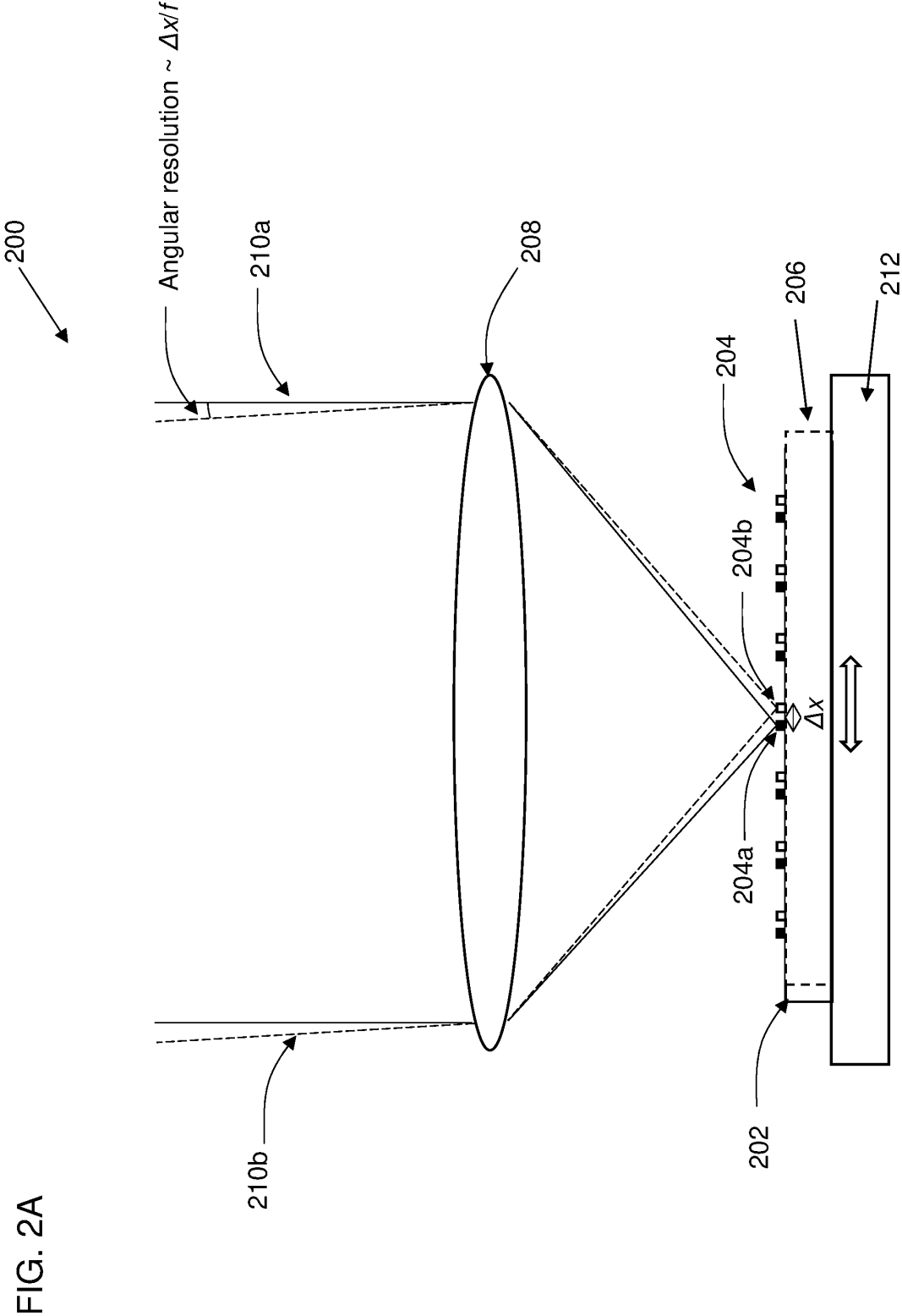
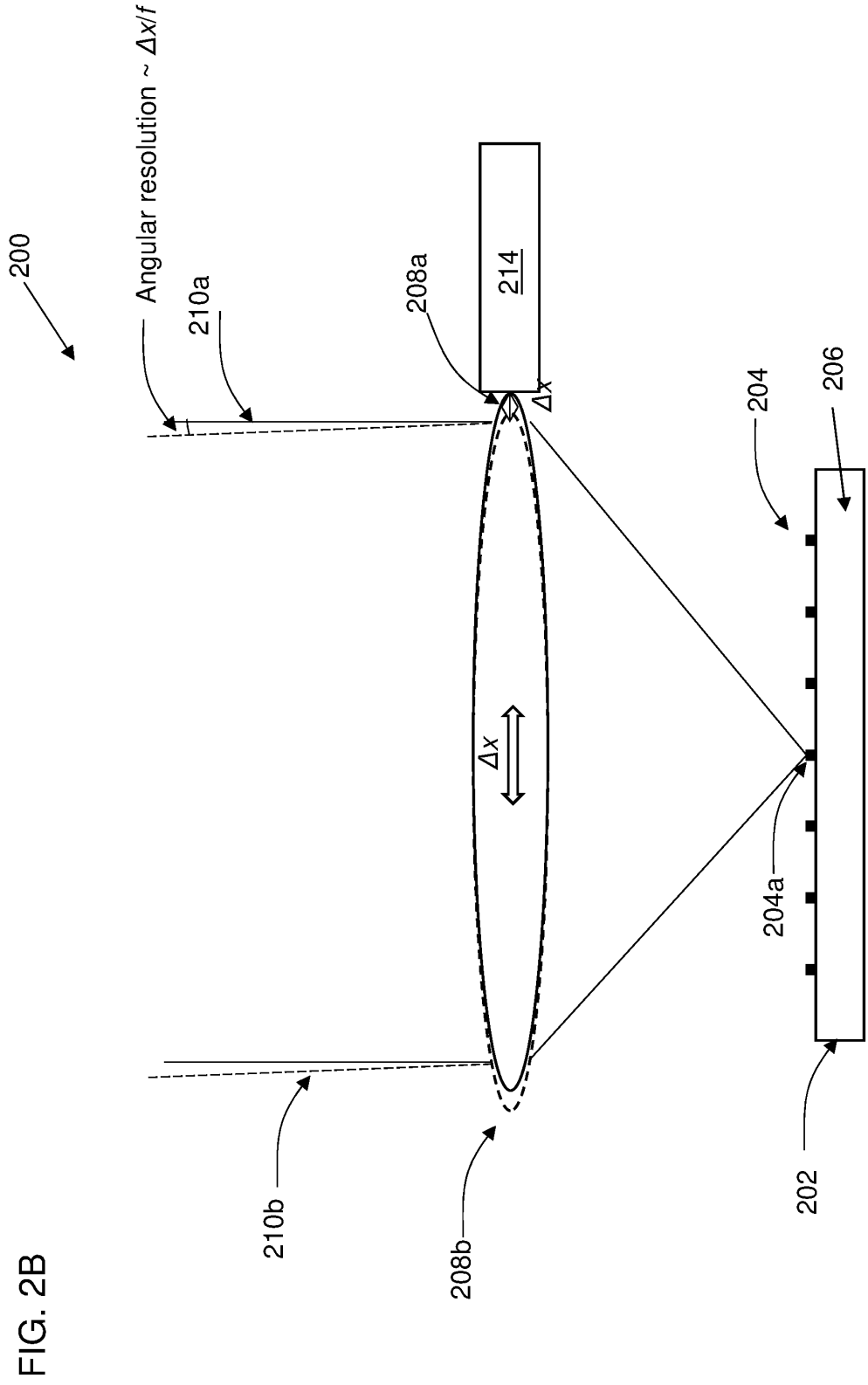


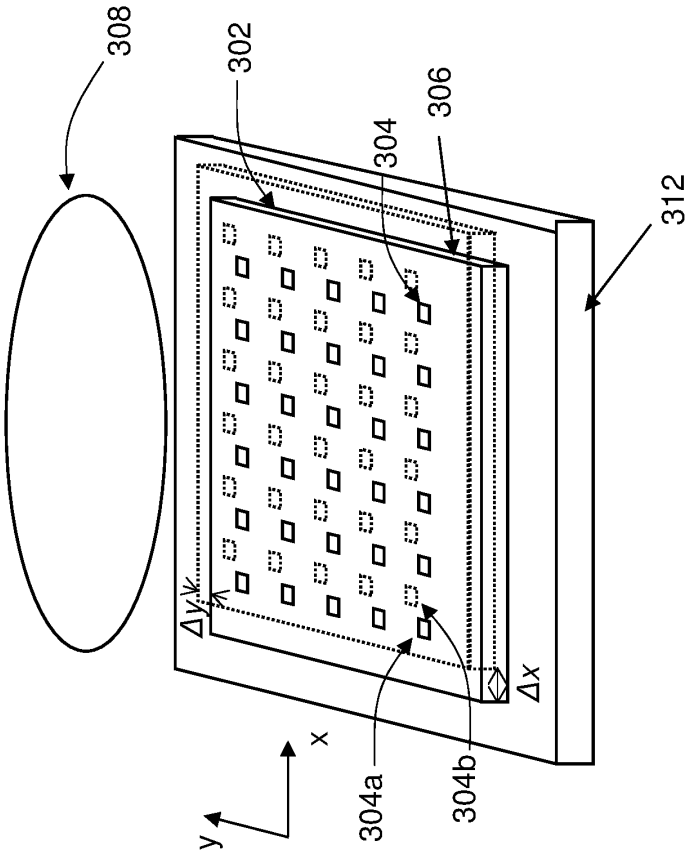


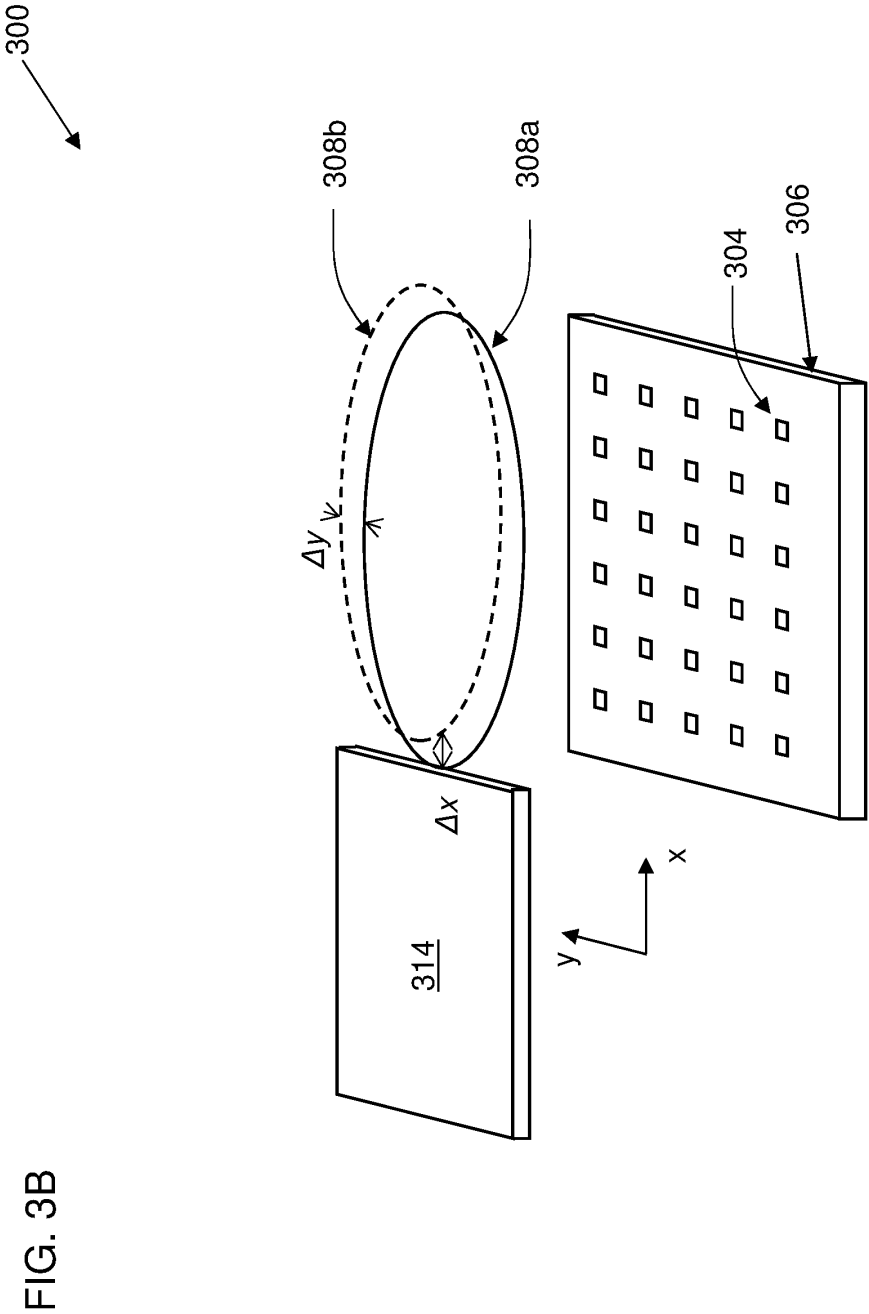


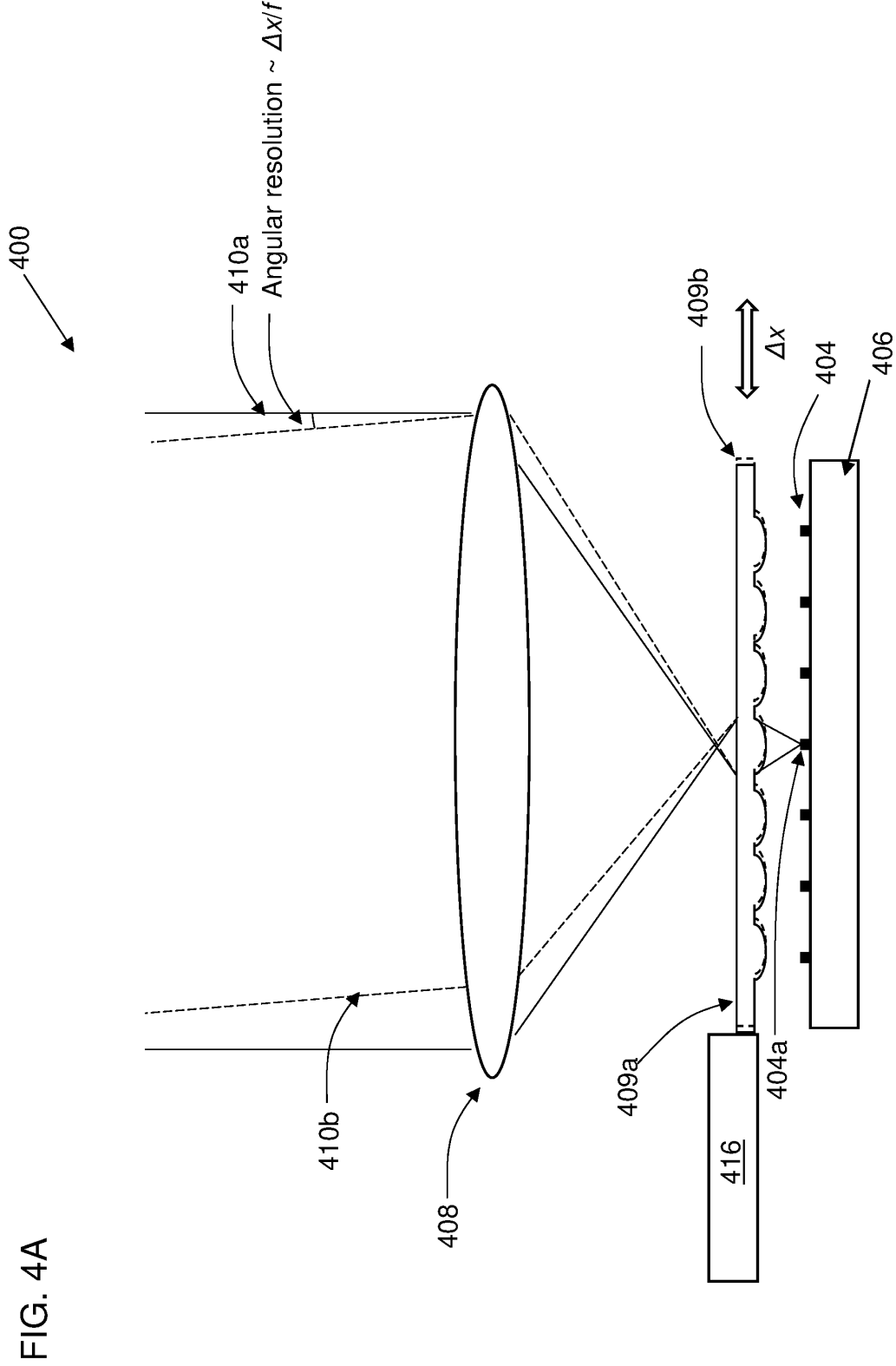


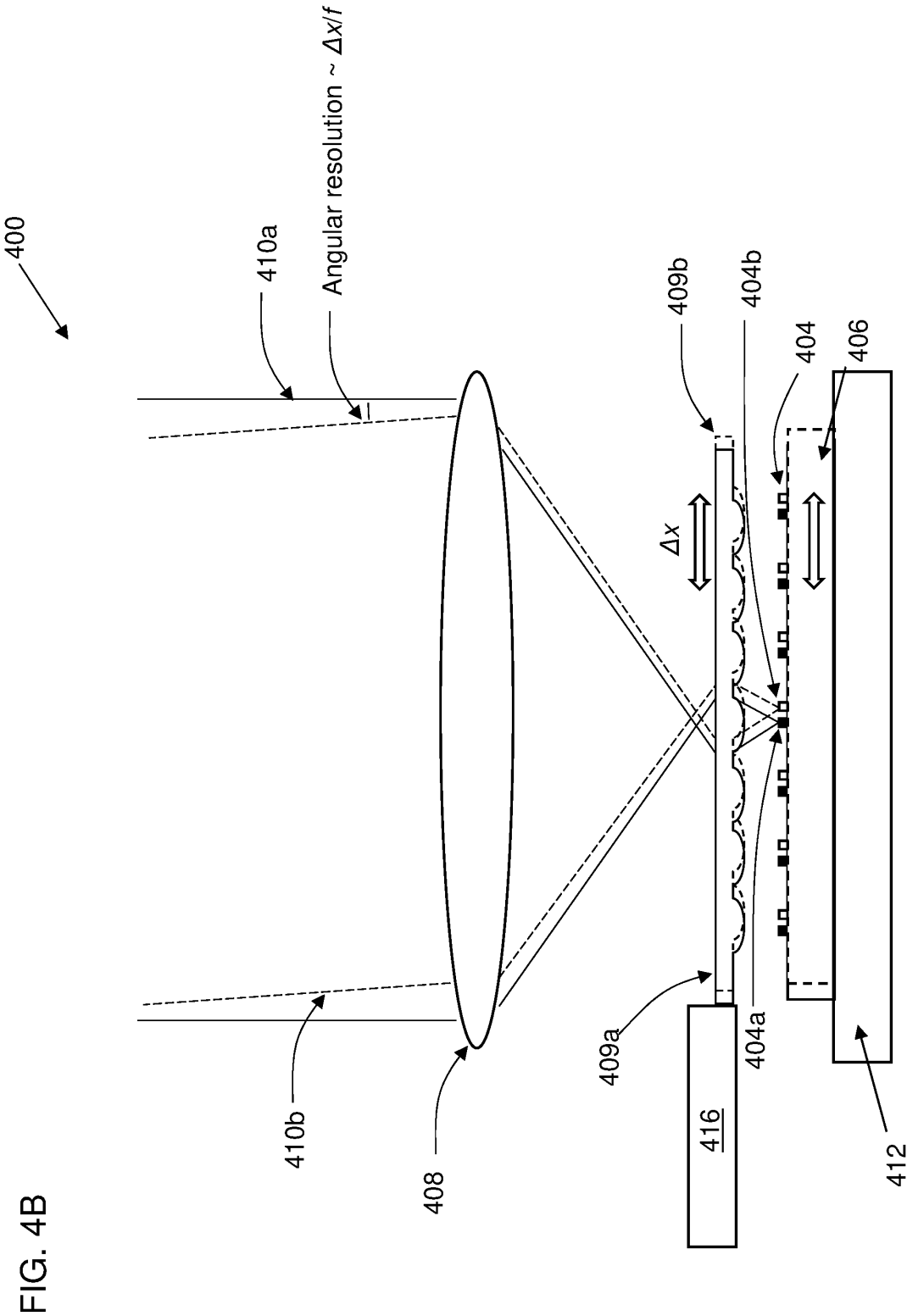
300

FIG. 3A



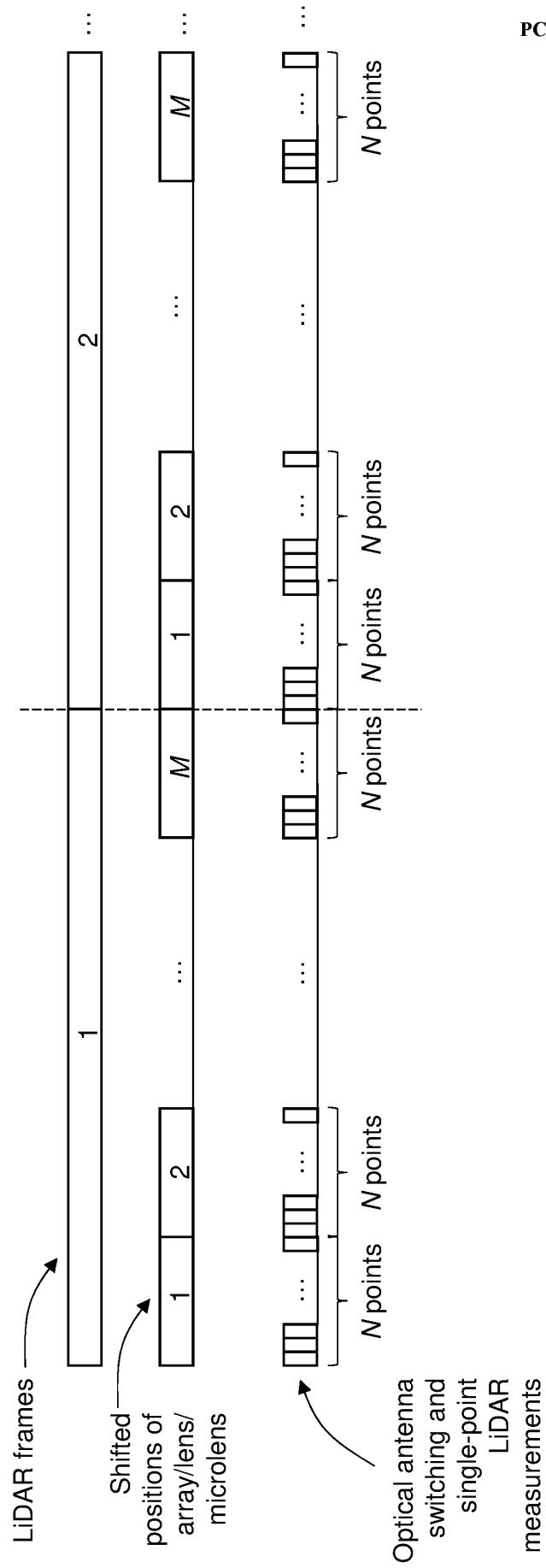






500

FIG. 5

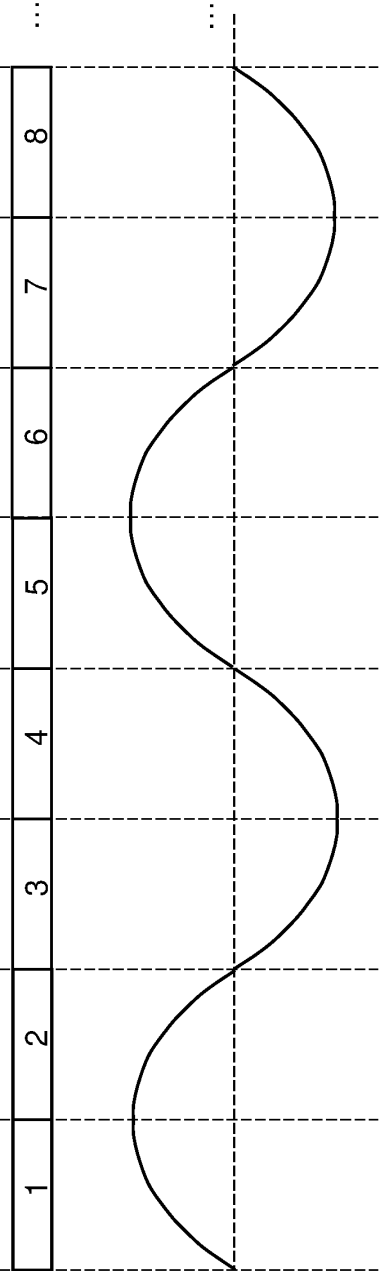


600

FIG. 6

Optical antenna switching and
single-point LiDAR
measurements

Dithering displacement



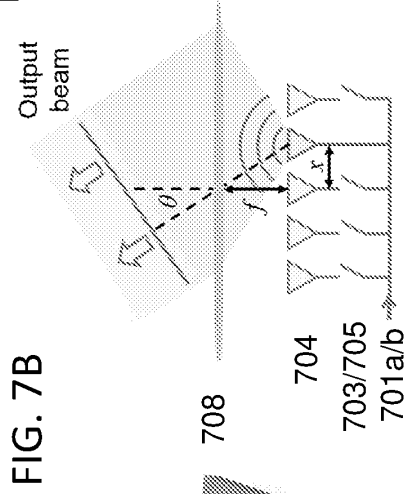
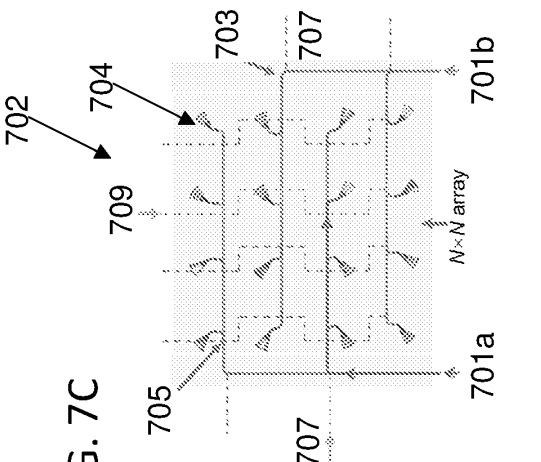
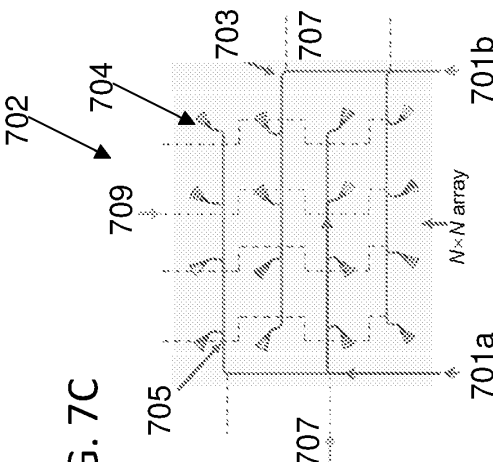


FIG. 7C



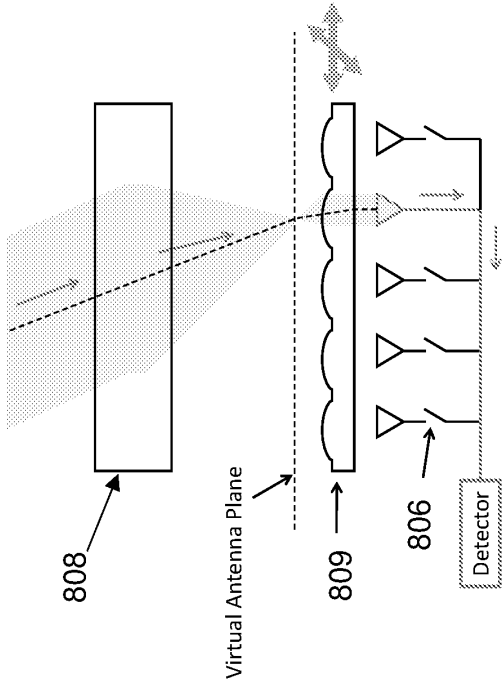
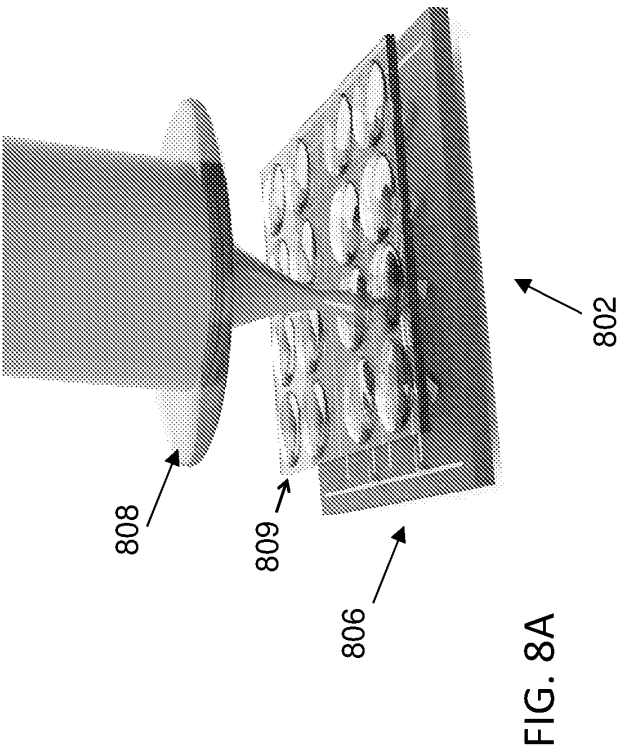


FIG. 9A

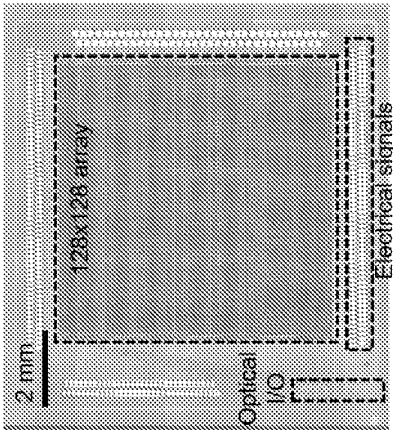


FIG. 9B

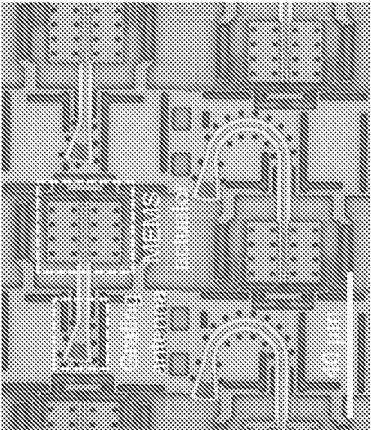


FIG. 9C

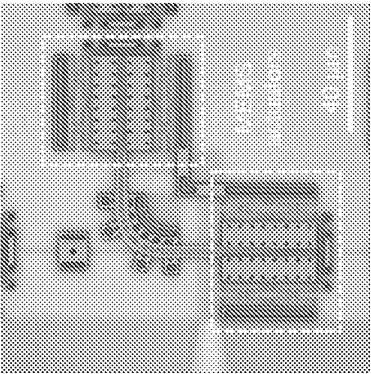


FIG. 9D

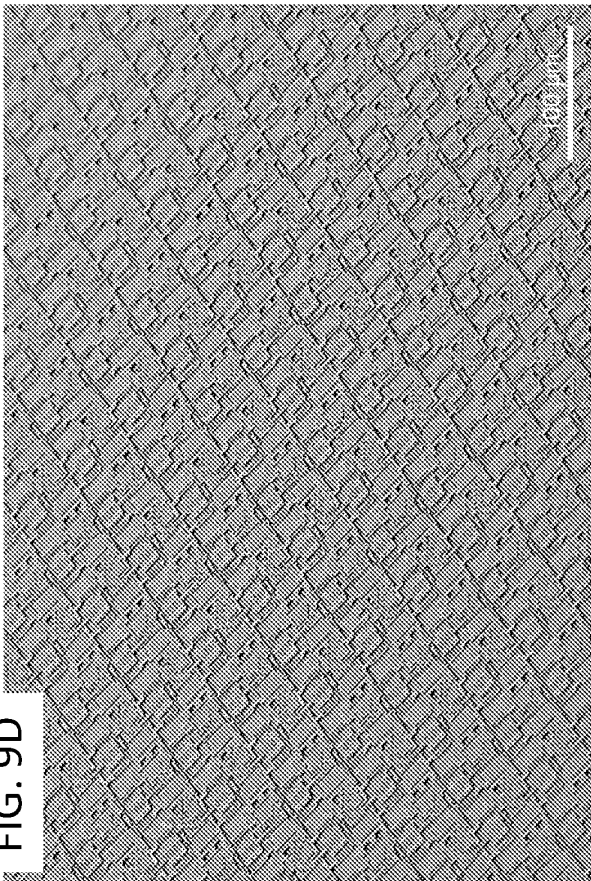


FIG. 9E

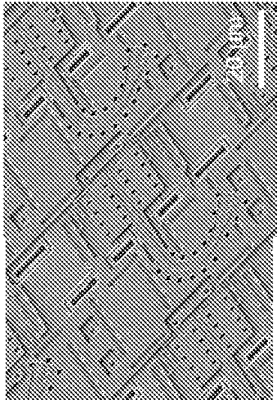
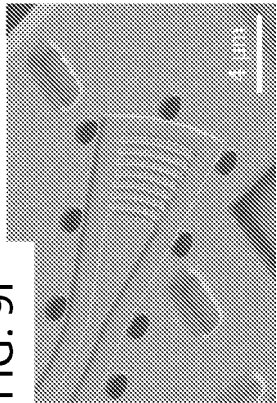


FIG. 9F



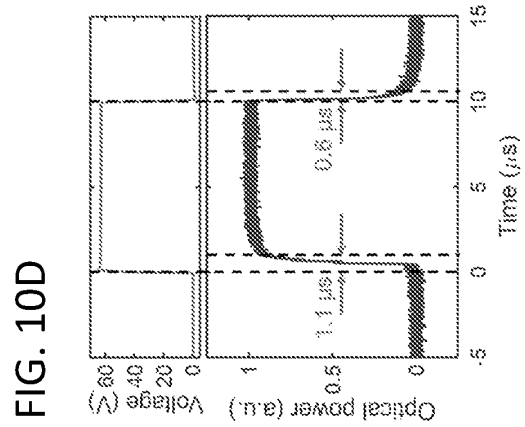
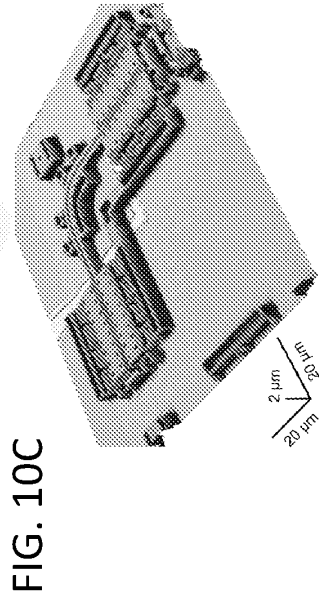
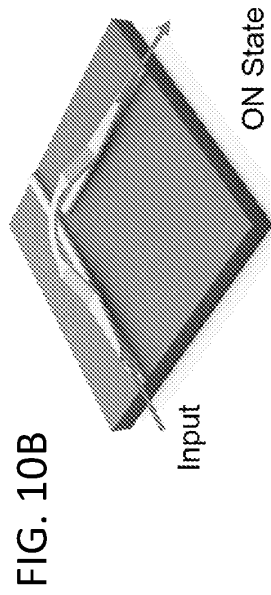
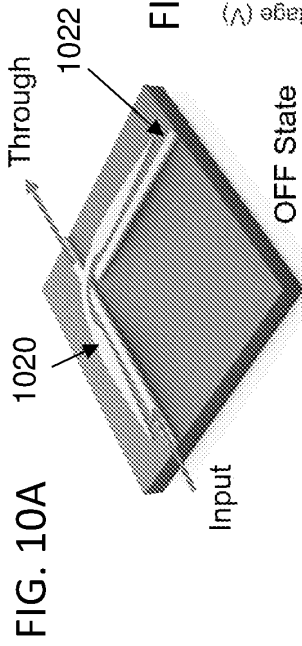
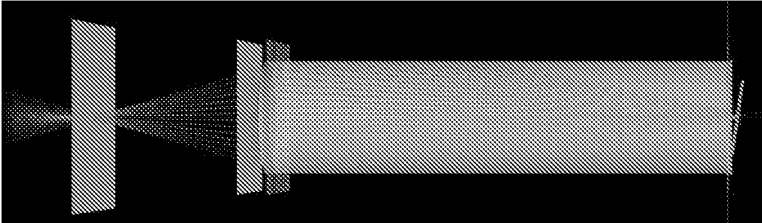


FIG. 11A



“virtual antenna plane” 88 um from lens surface

60um Diameter Microlens on 250um-thick Si

Optical Antenna On FPSA

FIG. 11B

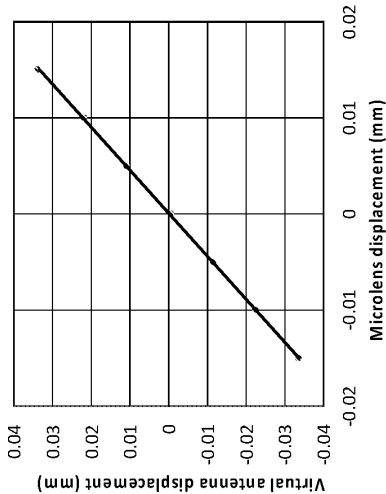
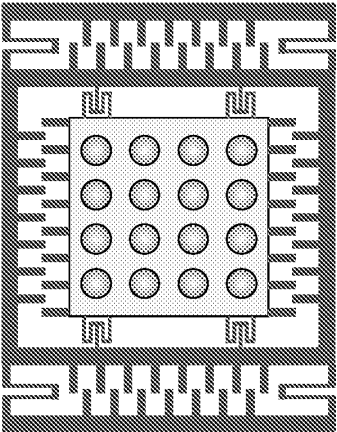
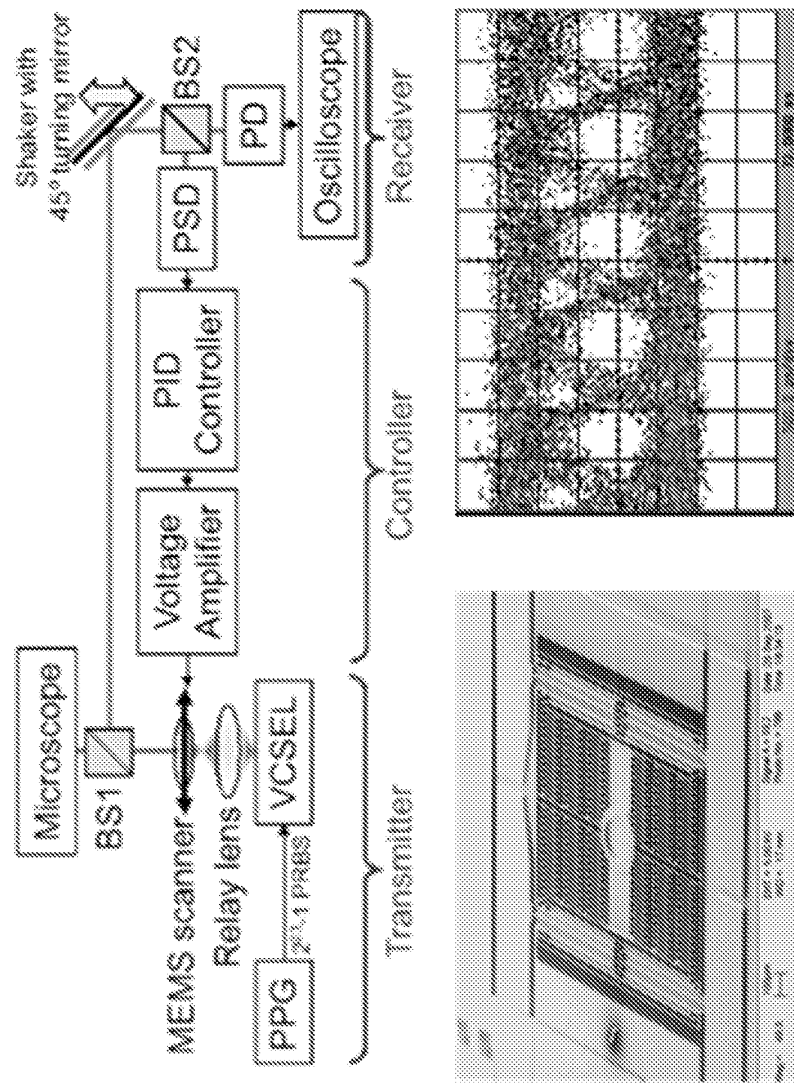


FIG. 11C

FIG. 12



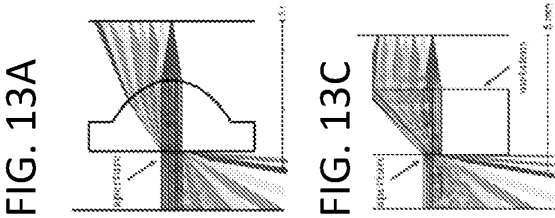


FIG. 13E

