

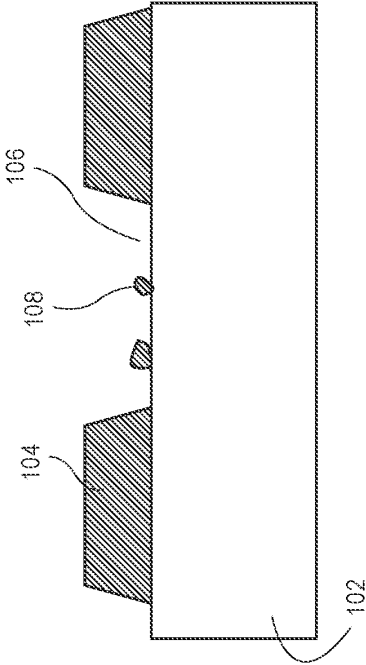


FIG. 1A

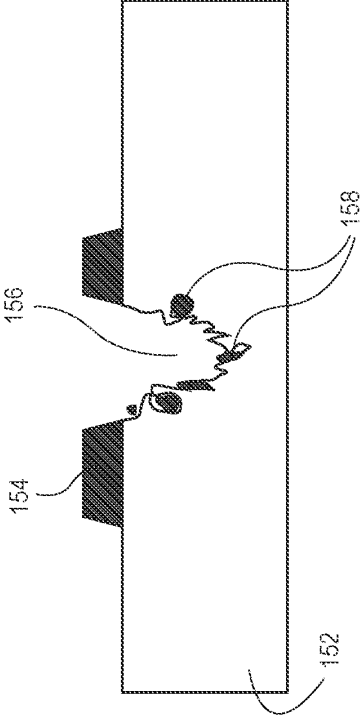


FIG. 1B

2/14

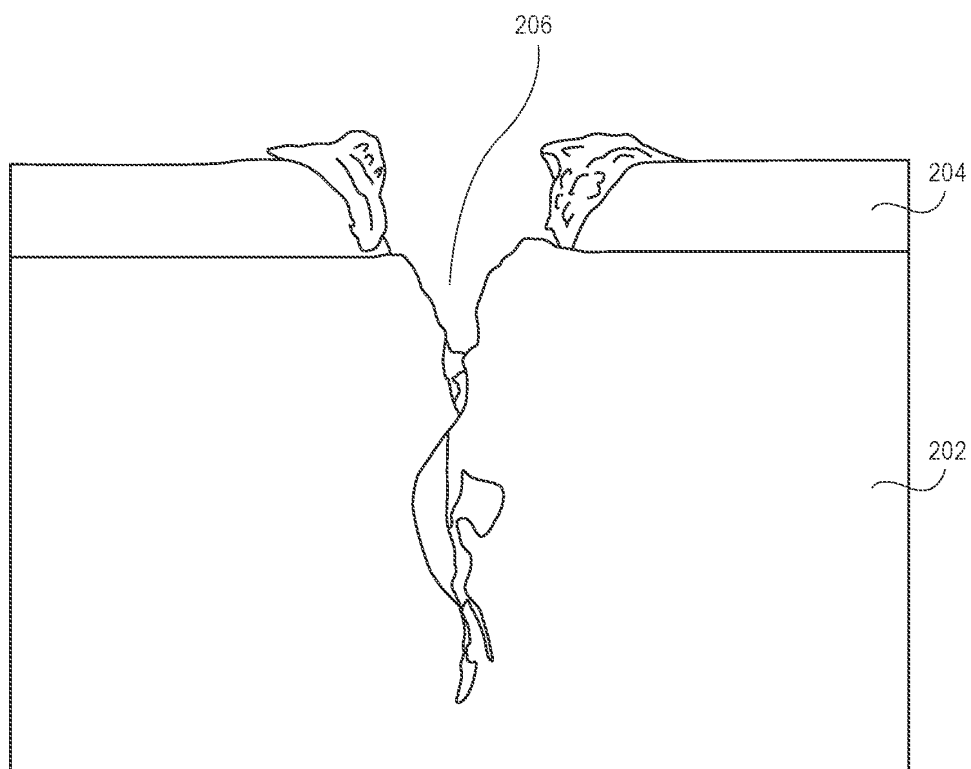


FIG. 2A

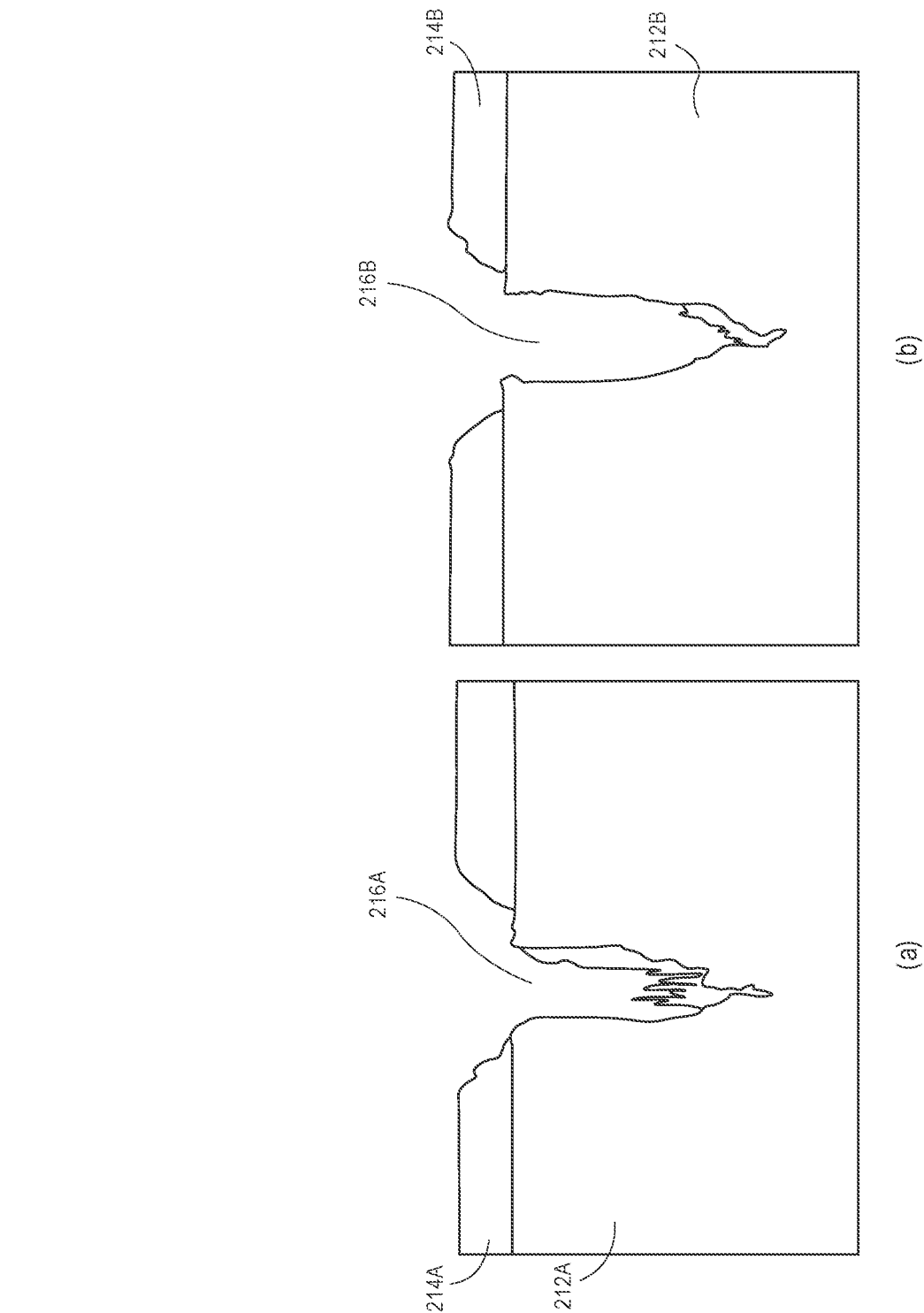


FIG. 2B

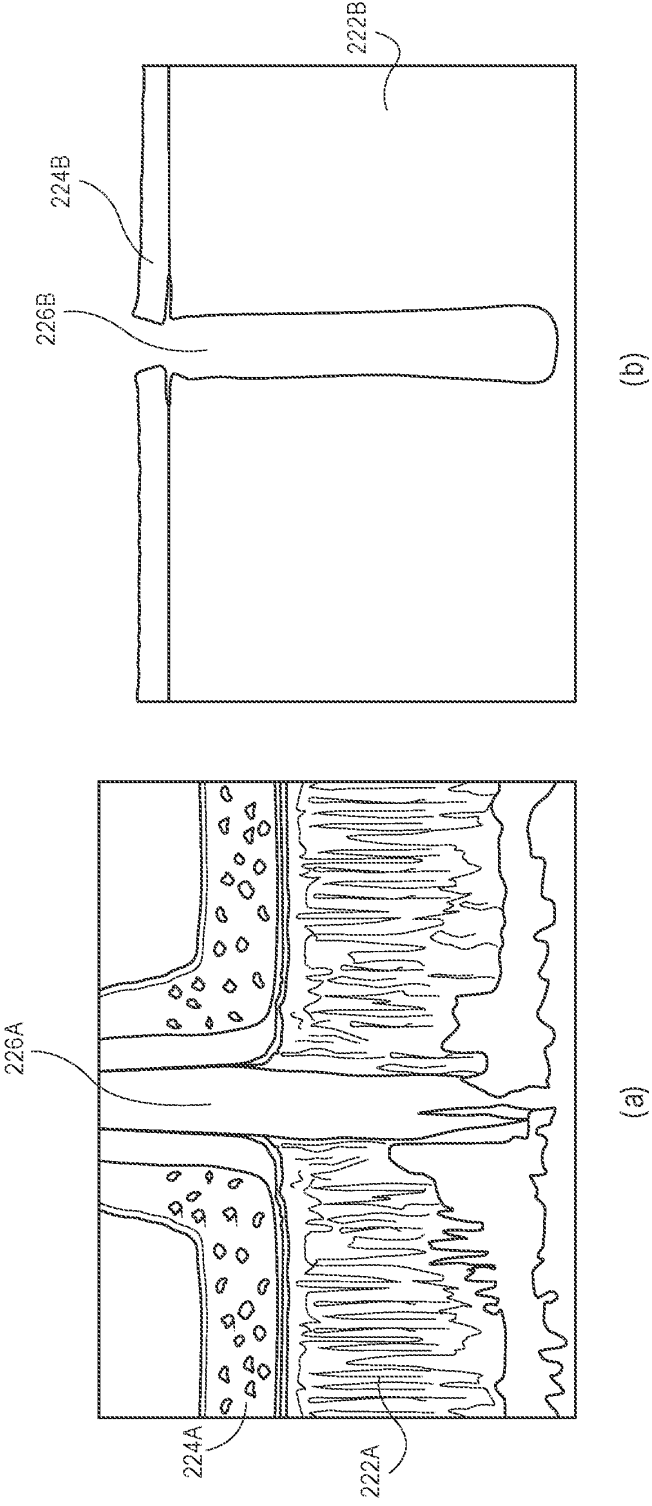
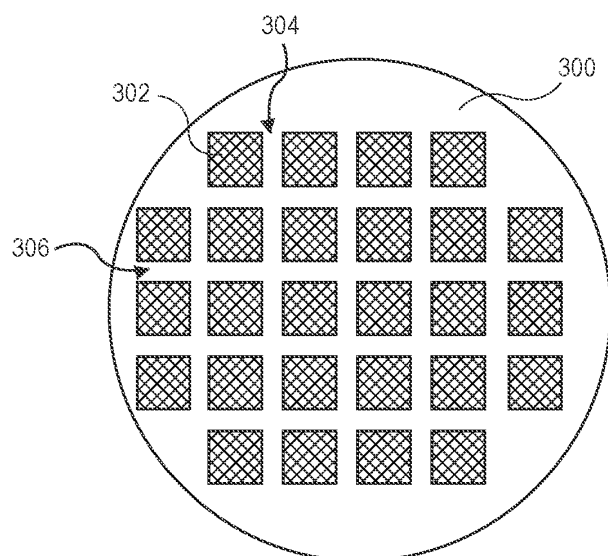
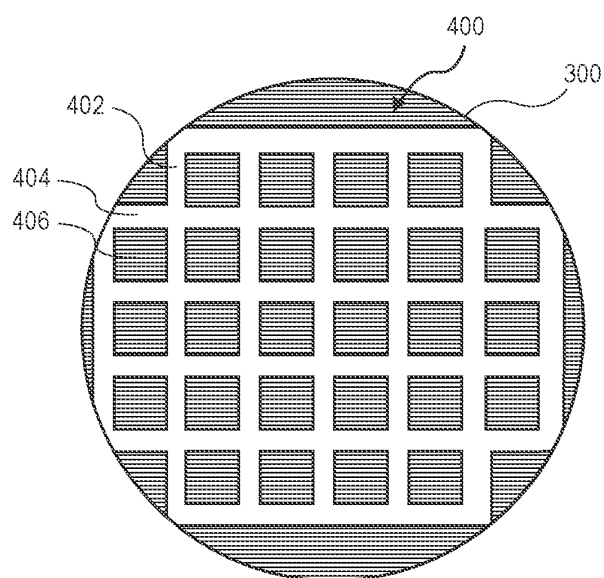


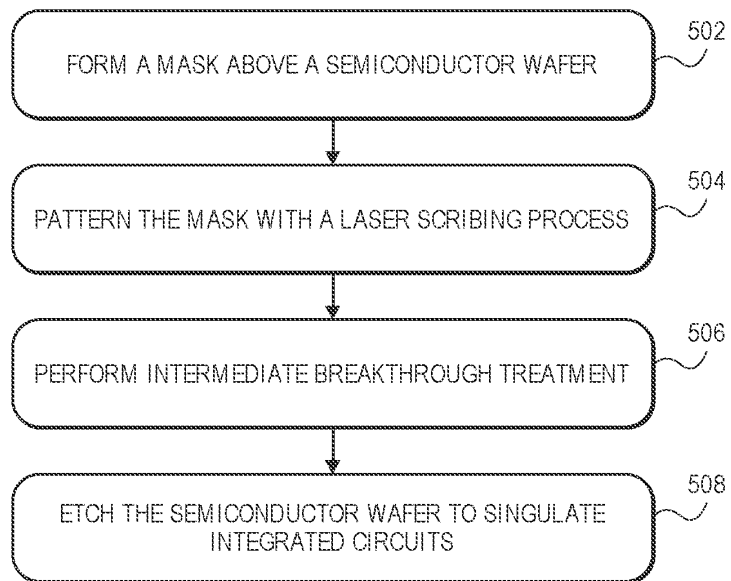
FIG. 2C

5/14

**FIG. 3****FIG. 4**

6/14

FLOWCHART 500

**FIG. 5**

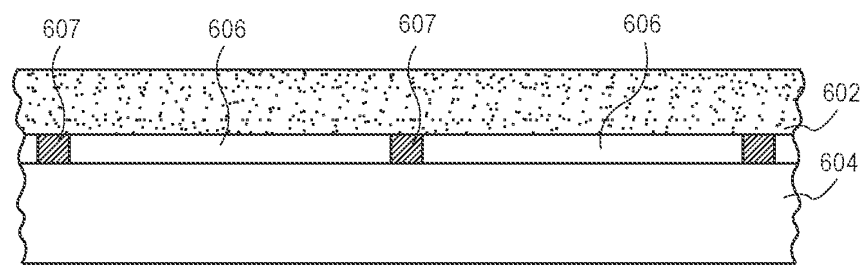


FIG. 6A

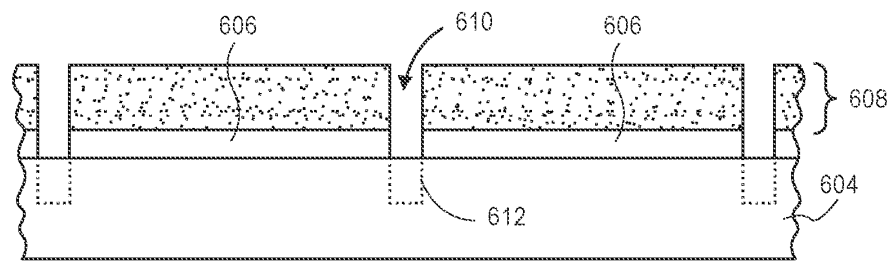


FIG. 6B

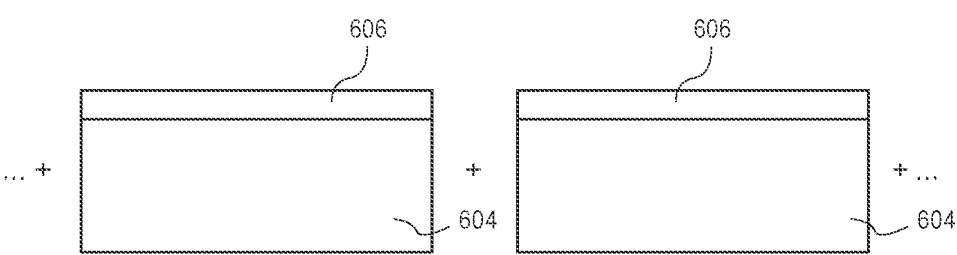


FIG. 6C

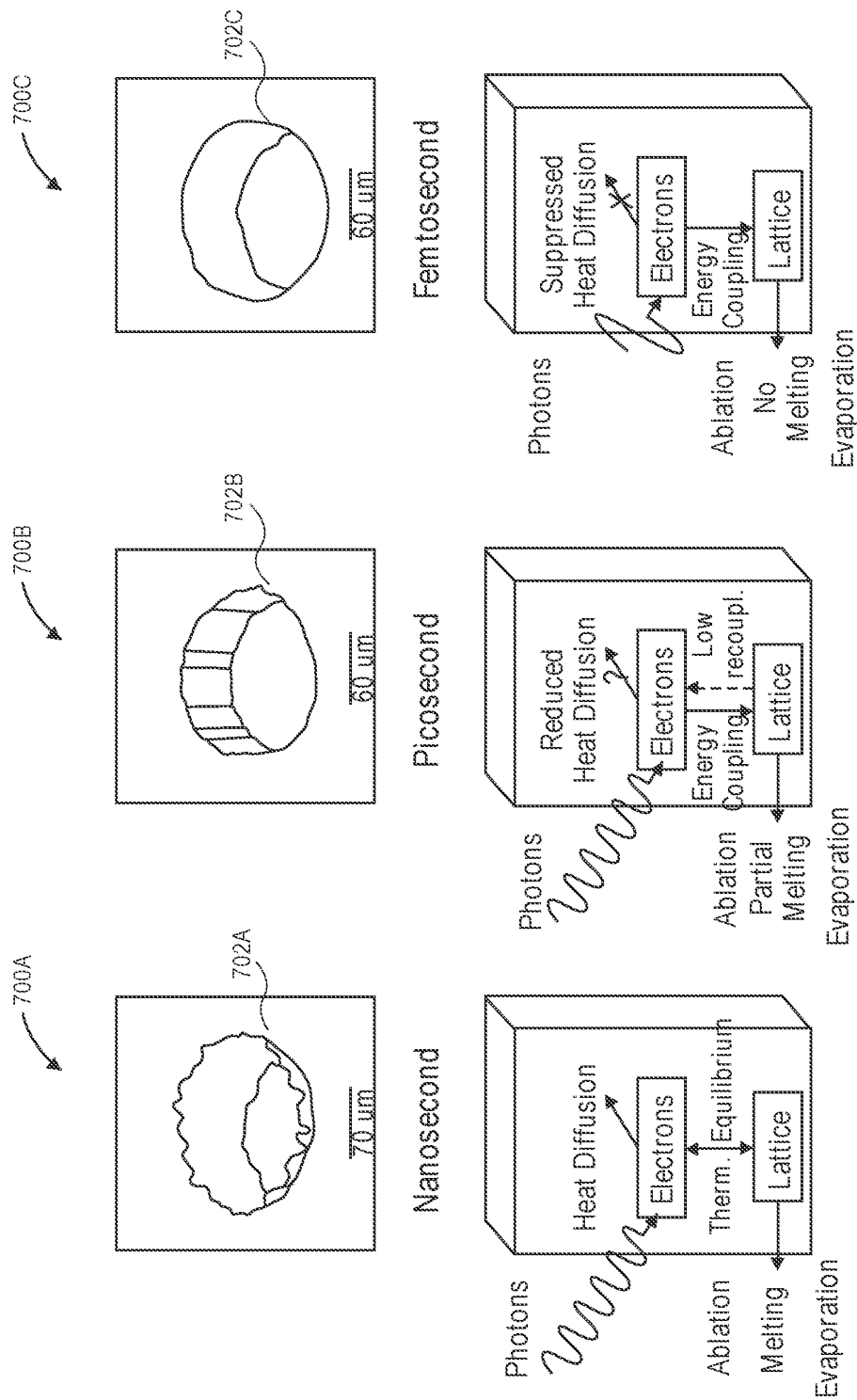


FIG. 7

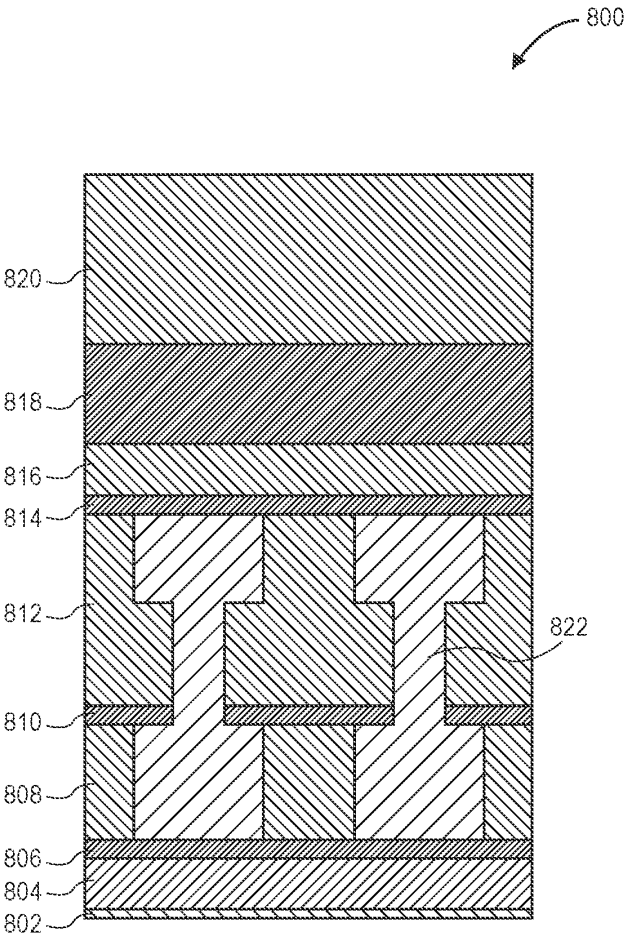


FIG. 8

10/14

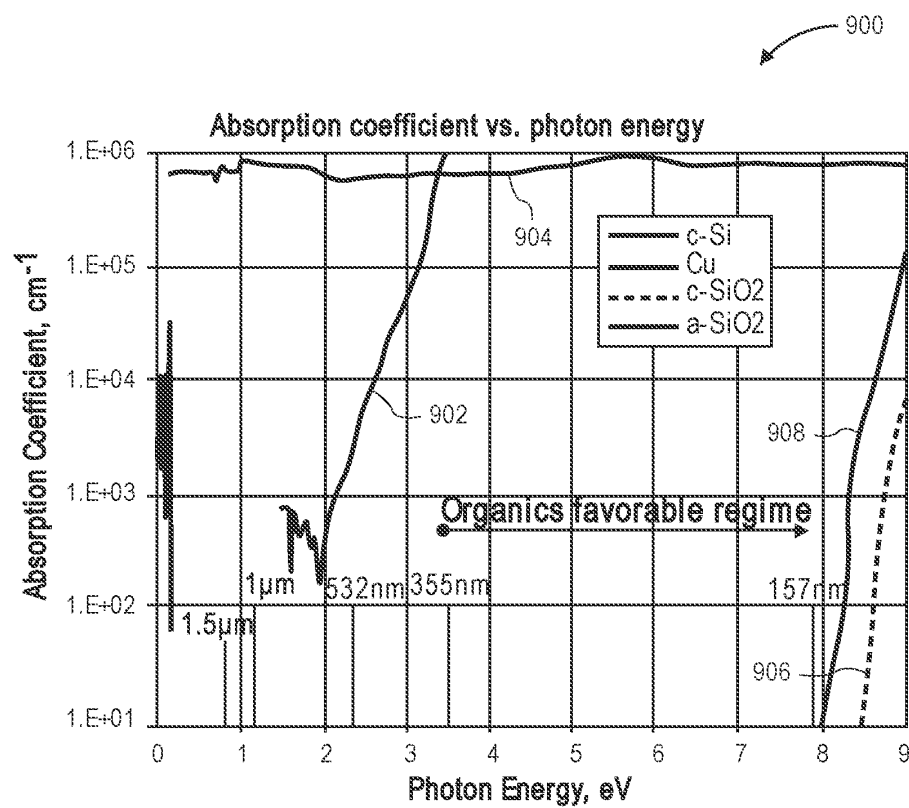


FIG. 9

$$I = \frac{E_p}{\pi \cdot w_0^2 \cdot \tau}$$

Beam Radius

Pulse Width

FIG. 10

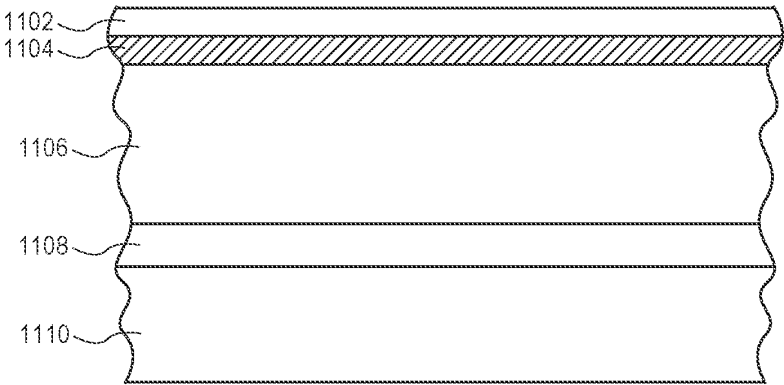


FIG. 11A

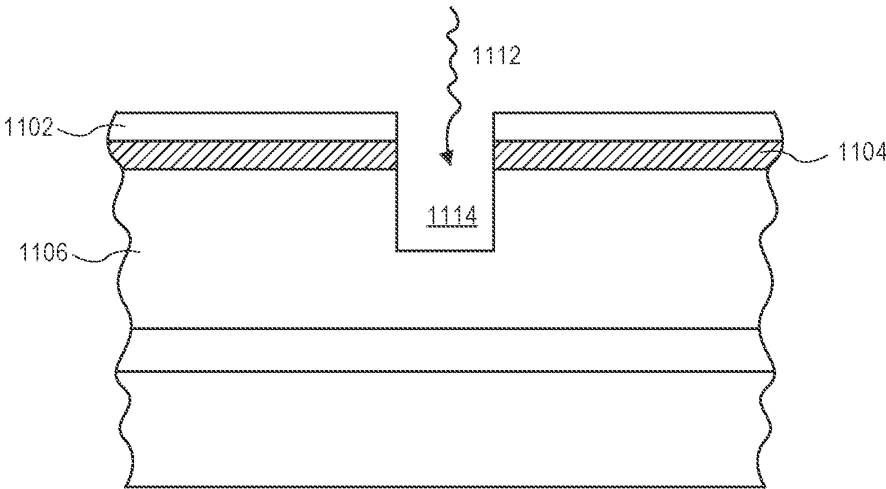


FIG. 11B

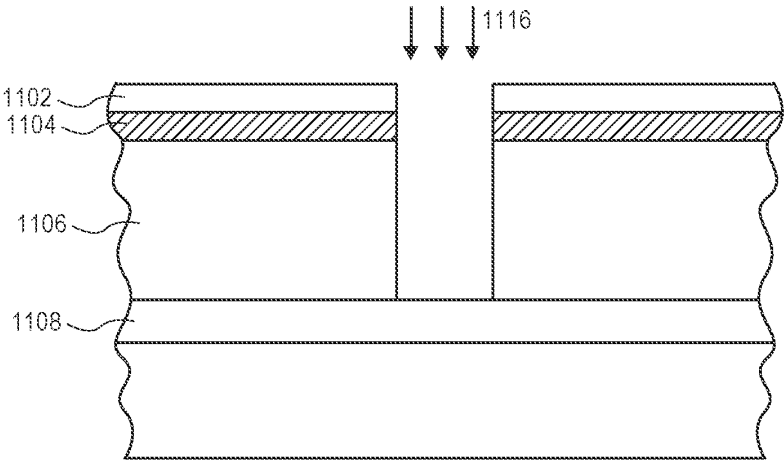


FIG. 11C

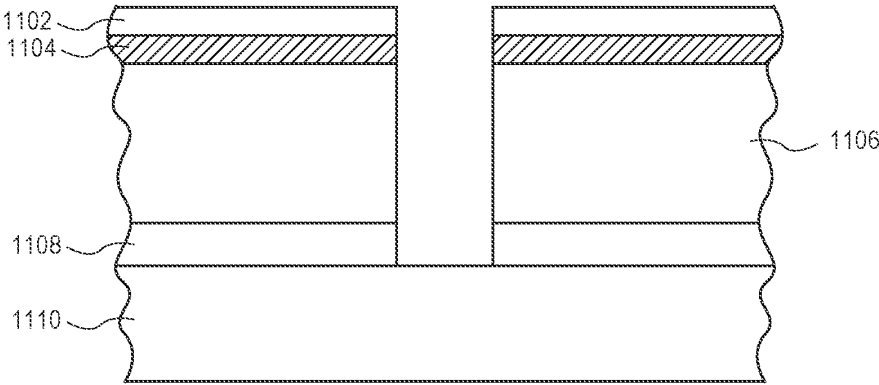


FIG. 11D

13/14

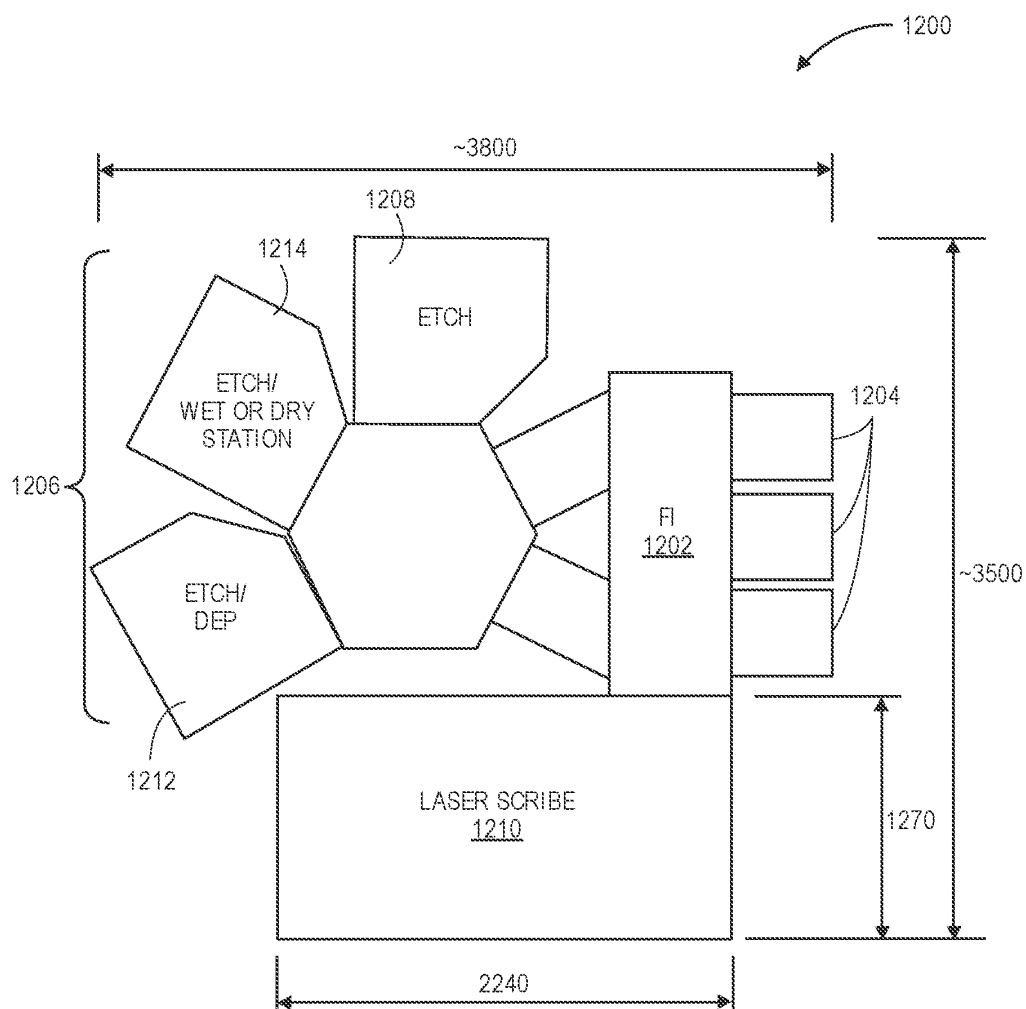


FIG. 12

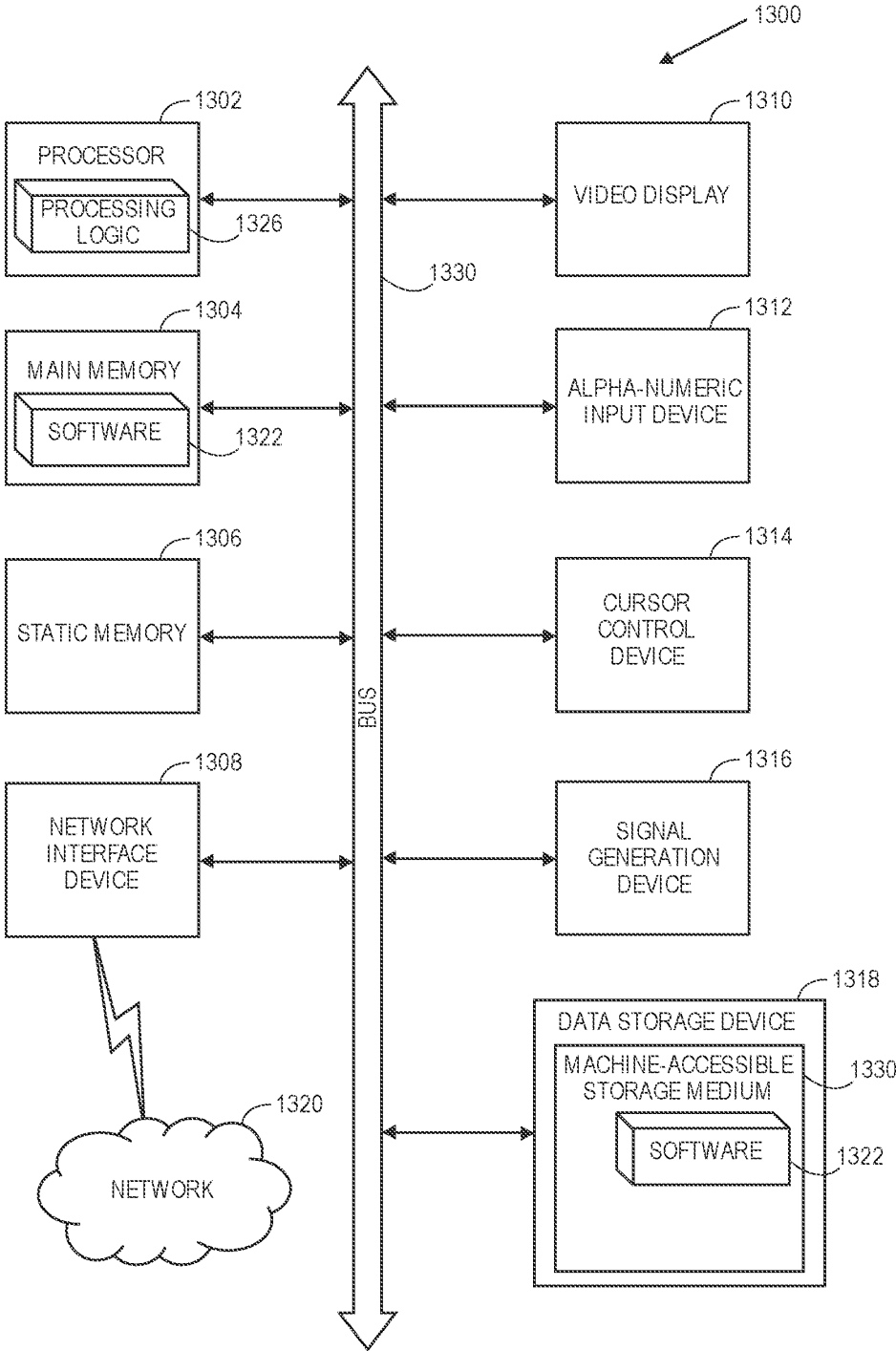


FIG. 13