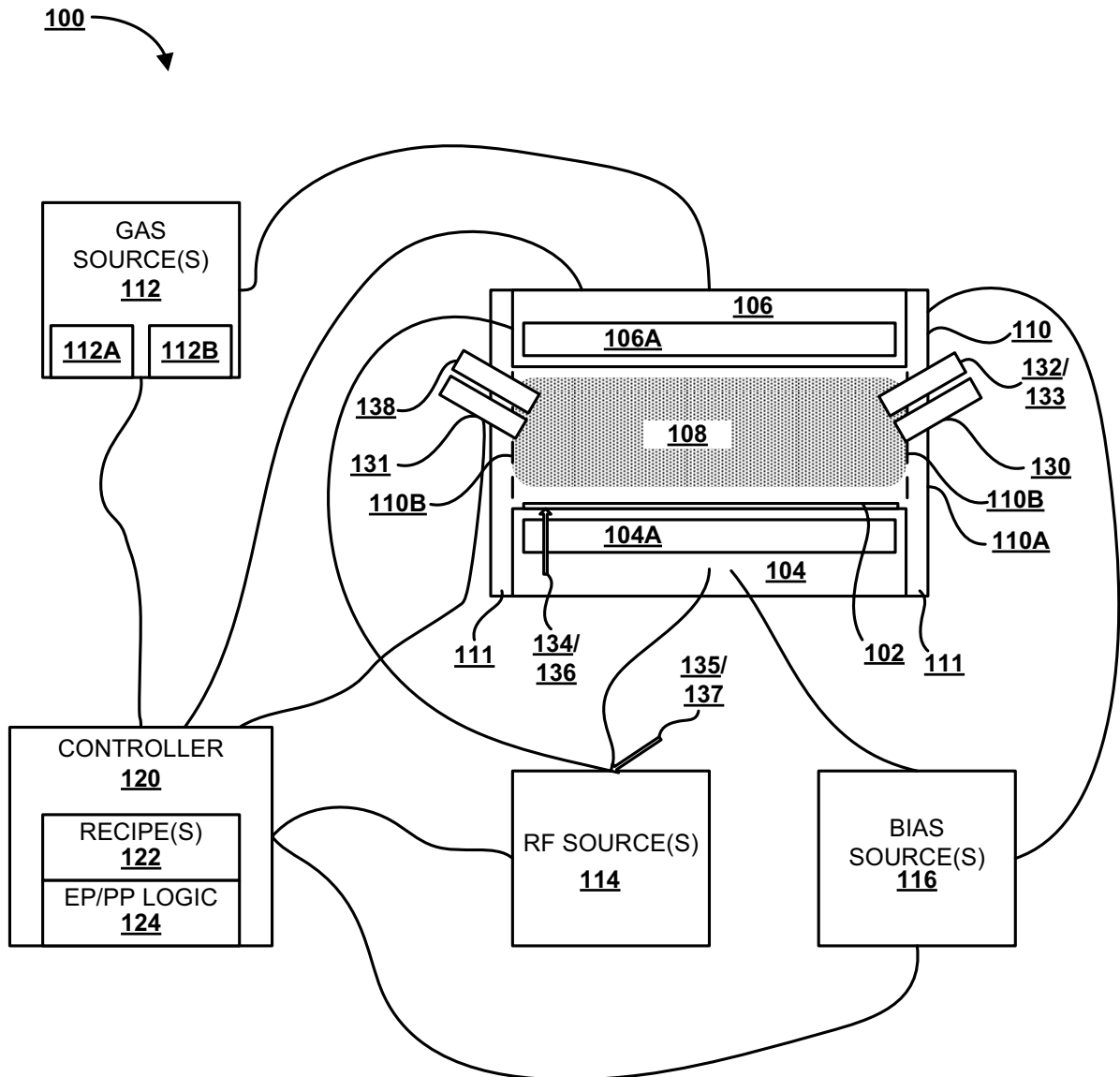
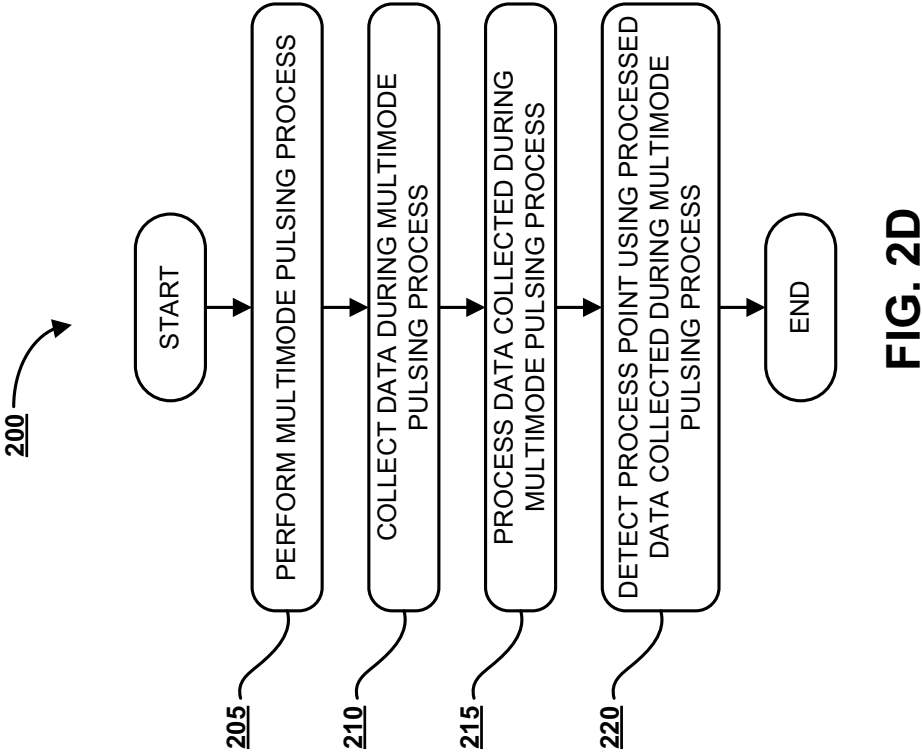
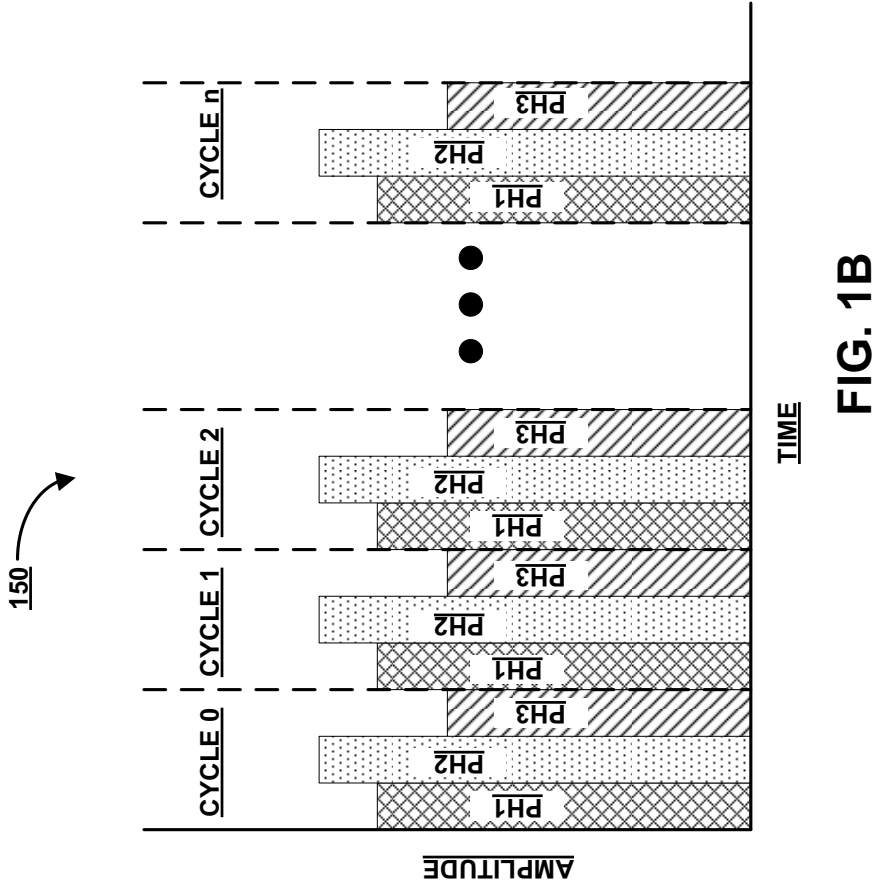


**FIG. 1A**



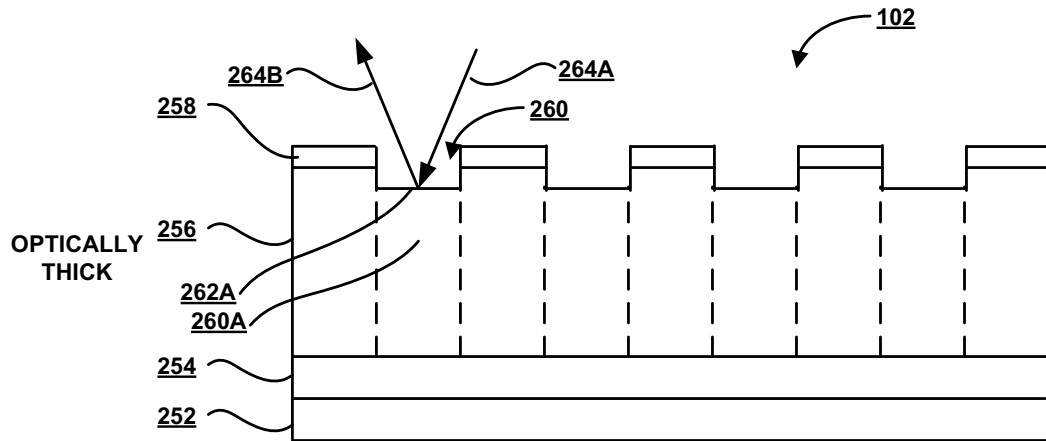


FIG. 2A

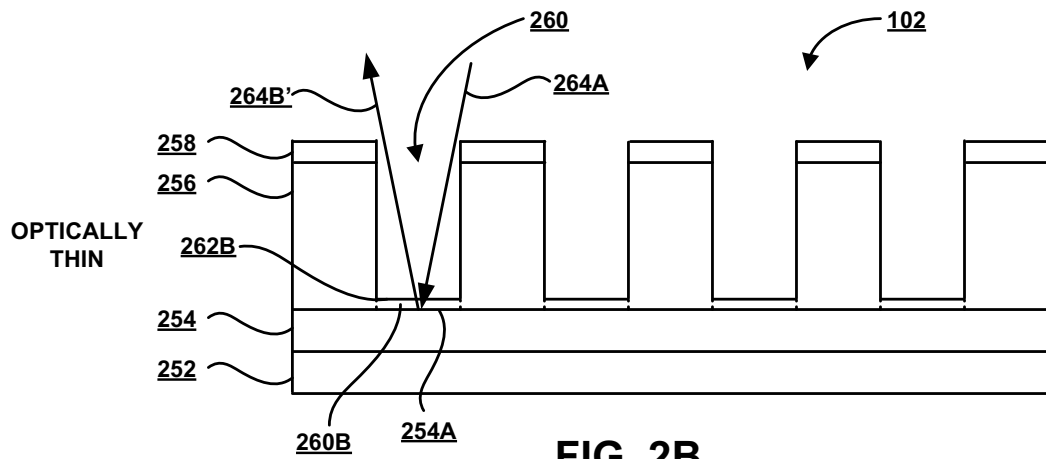


FIG. 2B

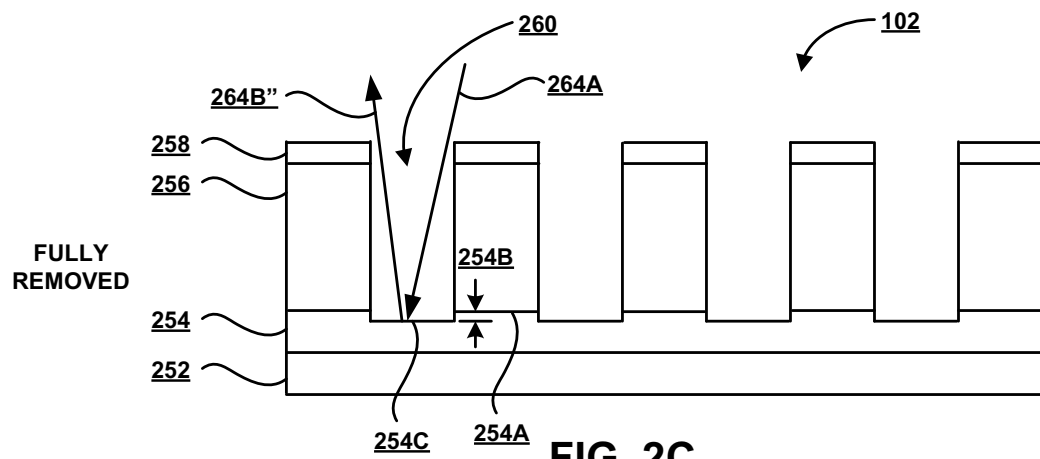
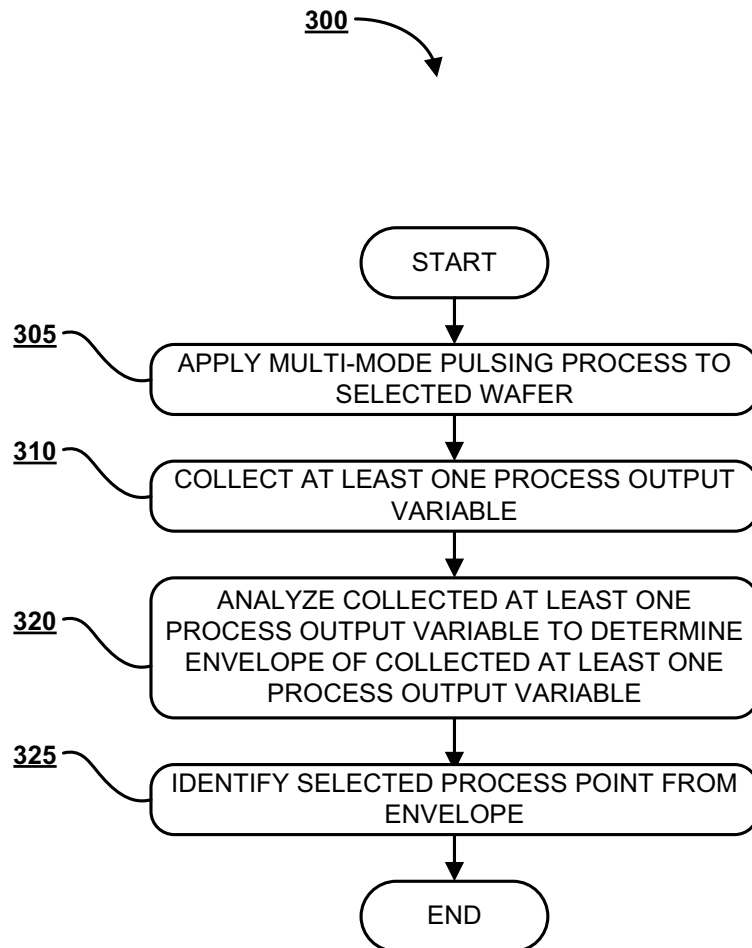


FIG. 2C

**FIG. 3**

LSR Time Trace @ 387nm

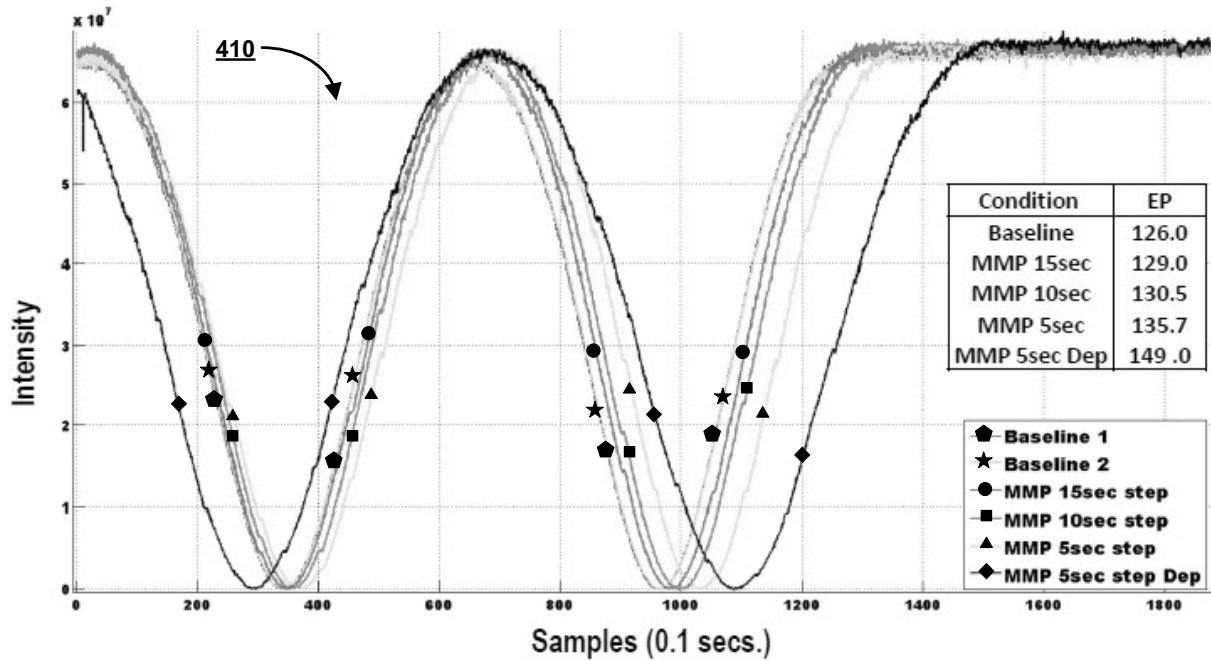


FIG. 4A

OES Time Trace @ 387nm (Stability steps removed)

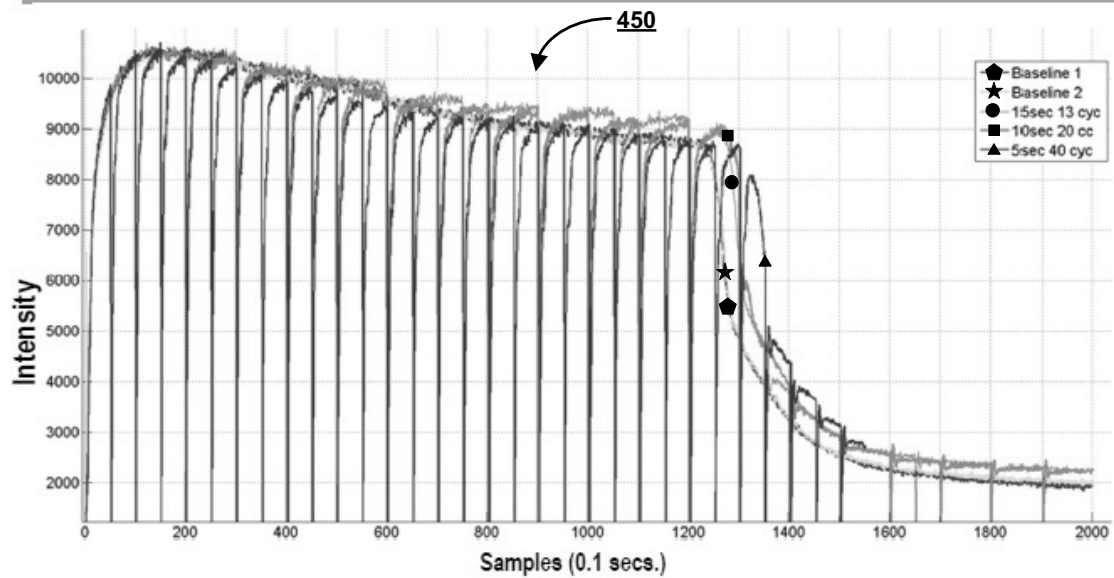


FIG. 4B

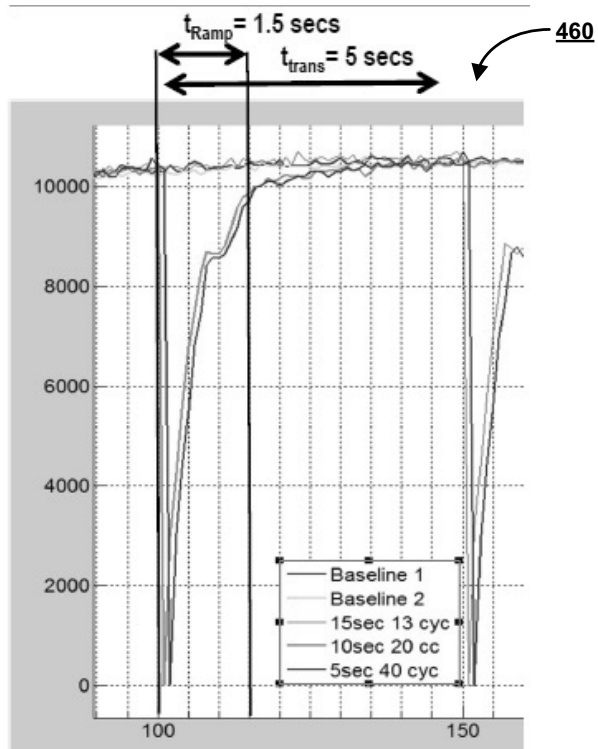


FIG. 4C

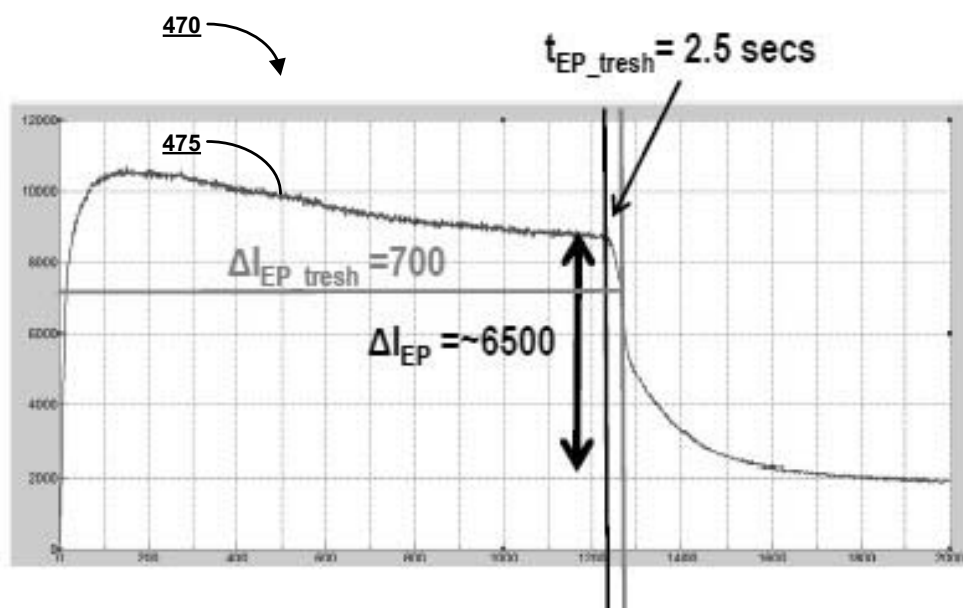


FIG. 4D

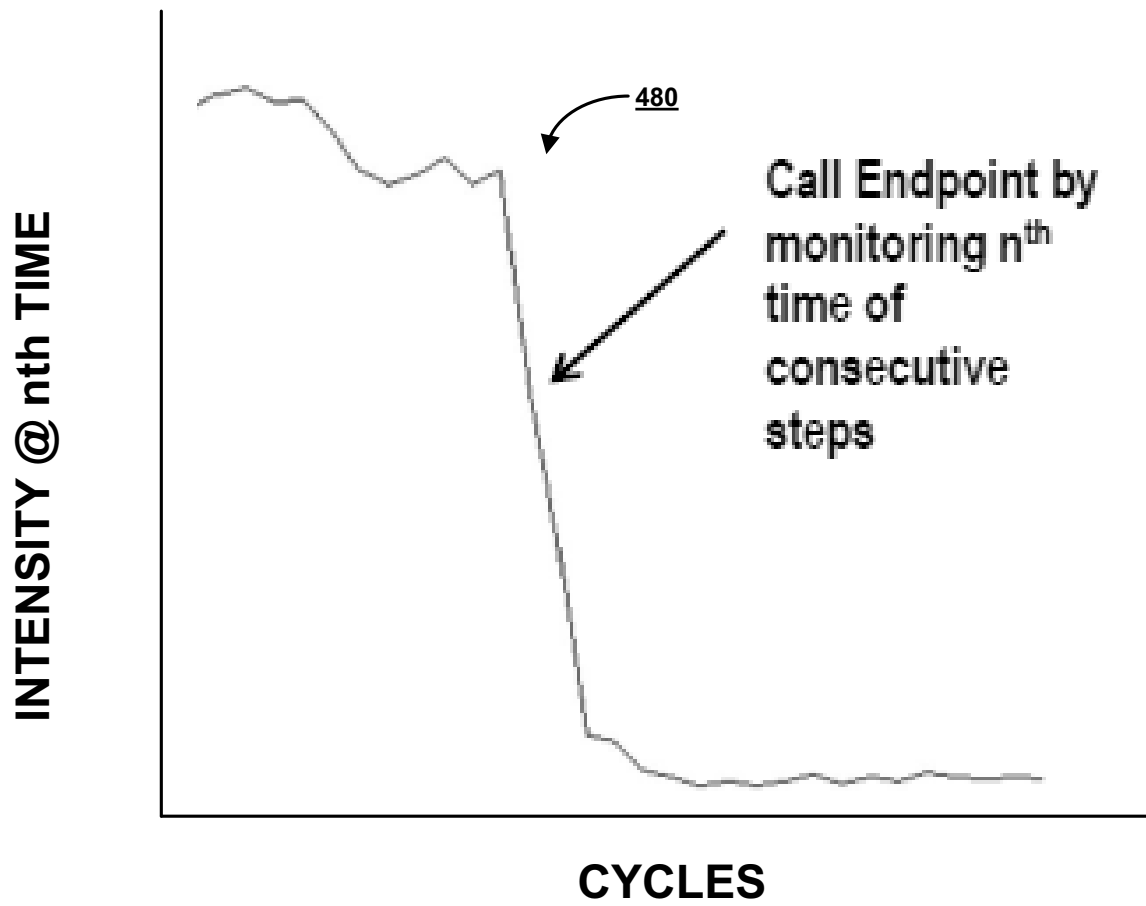
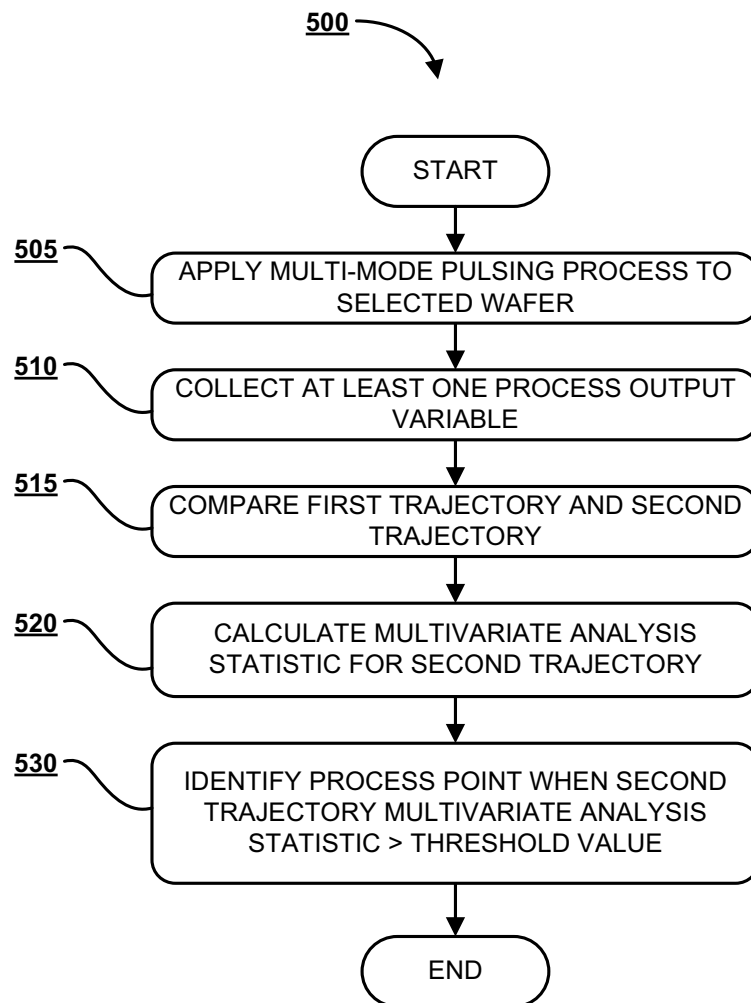


FIG. 4E

**FIG. 5**

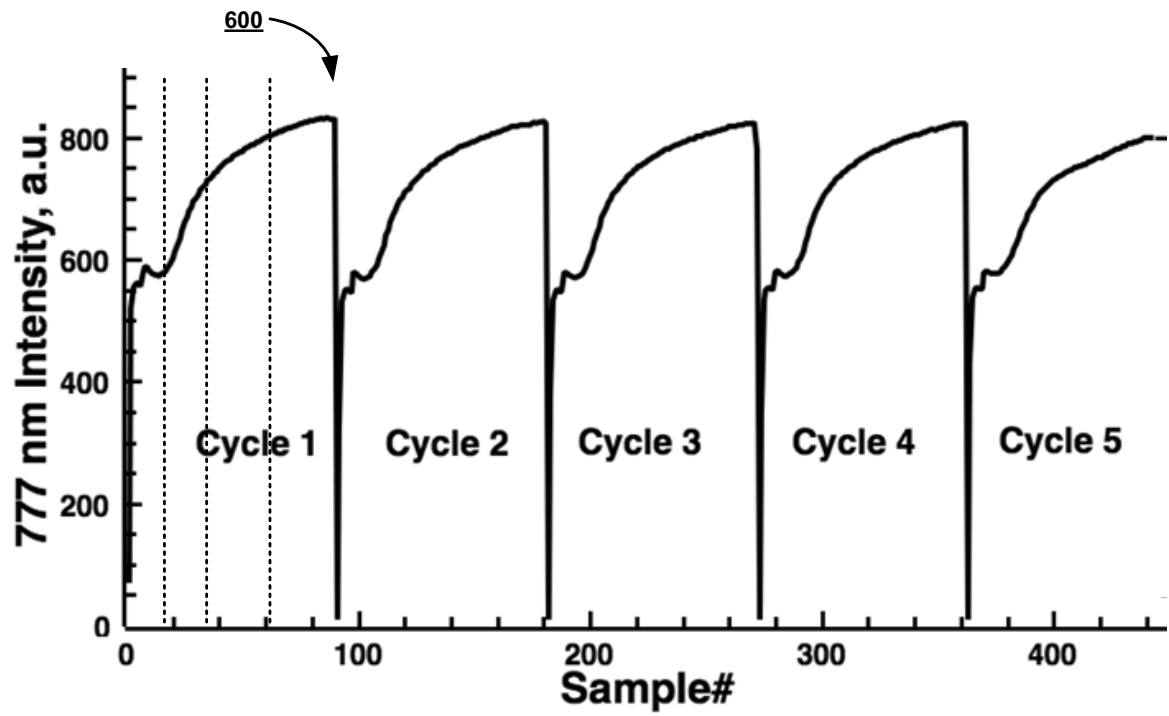


FIG. 6A

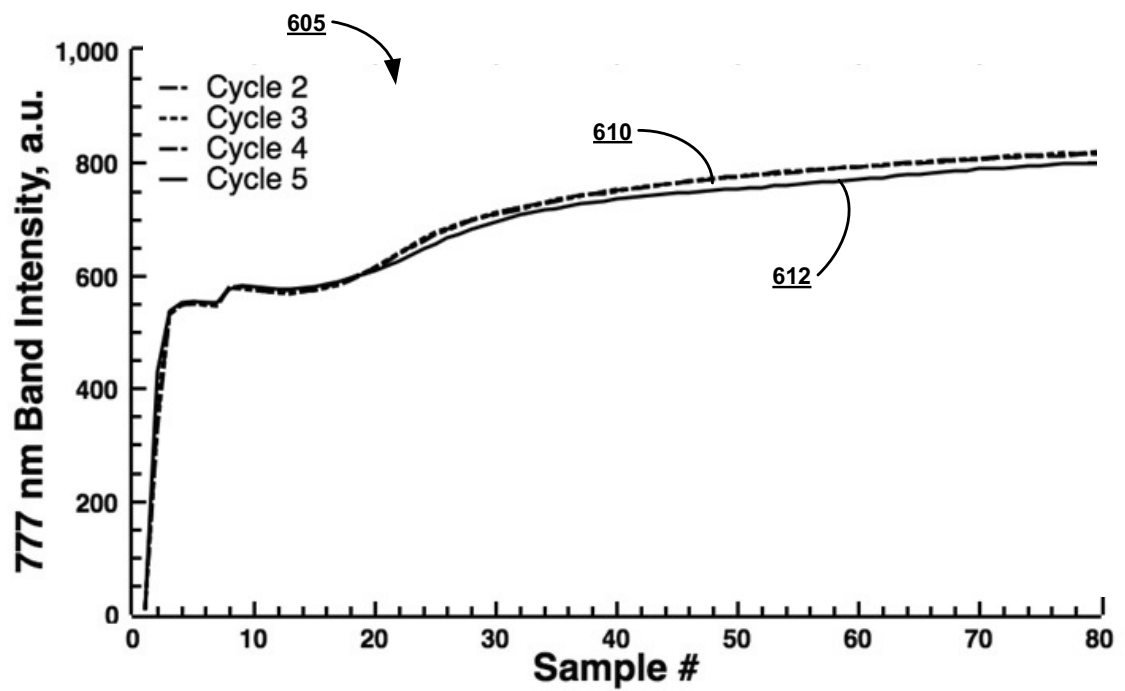


FIG. 6B

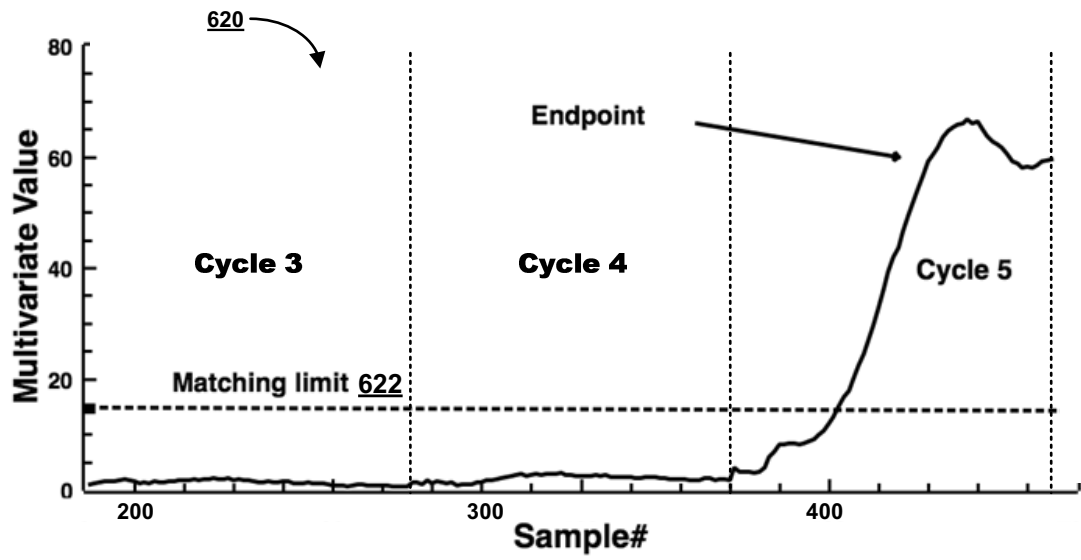


FIG. 6C

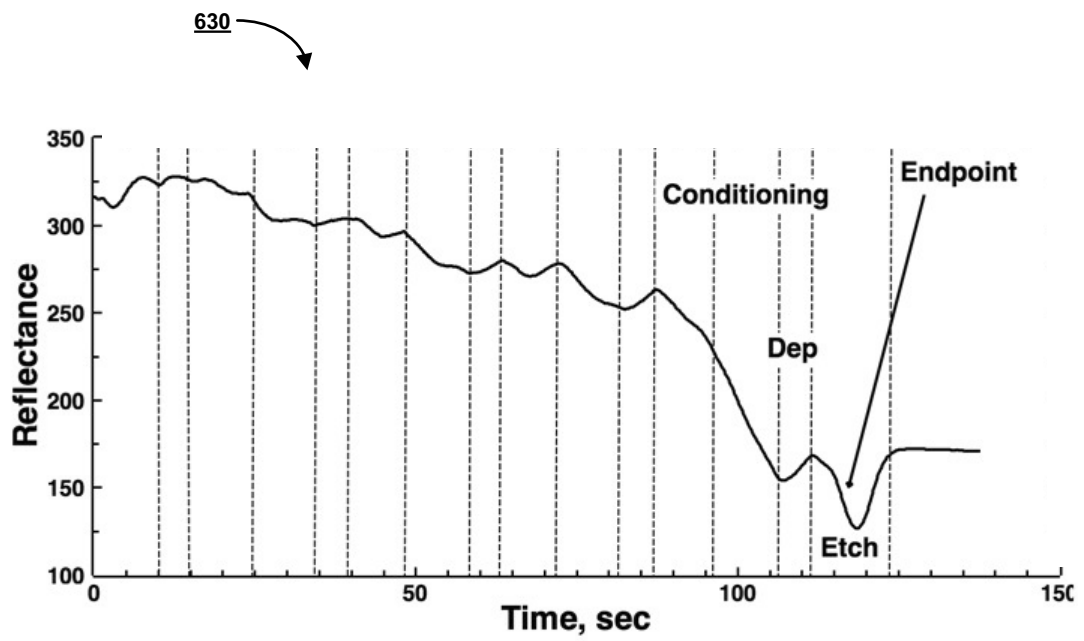


FIG. 6D

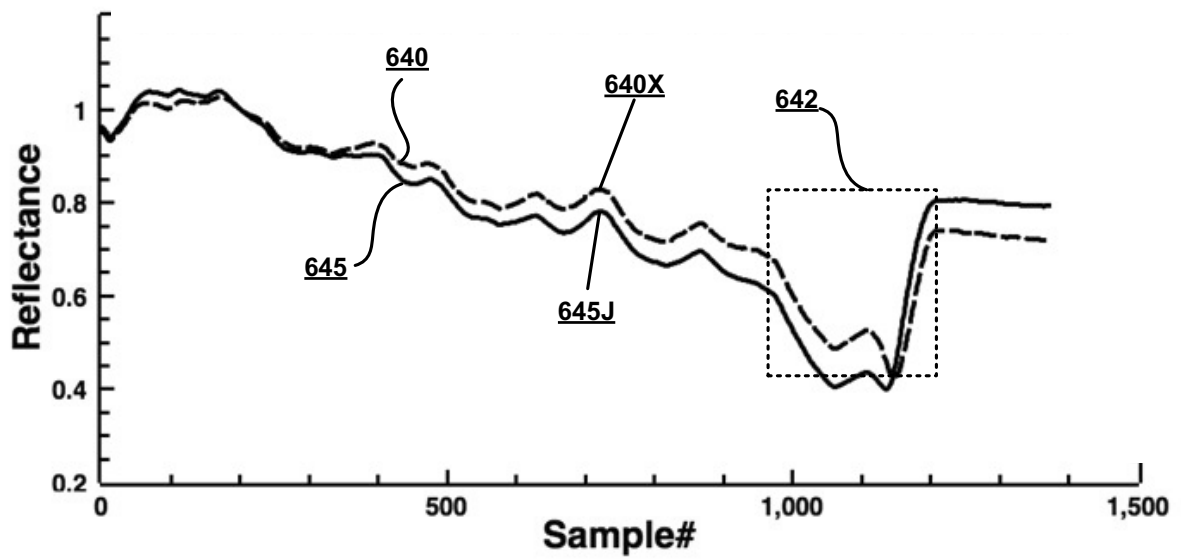


FIG. 6E

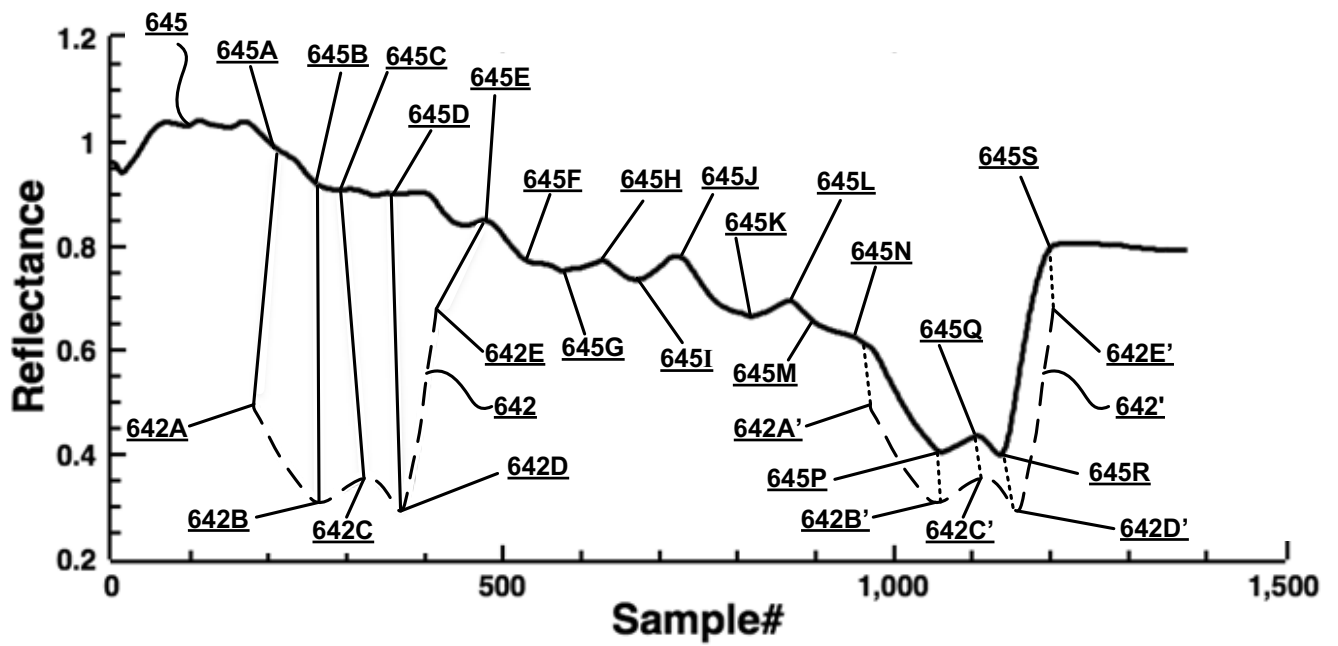


FIG. 6F

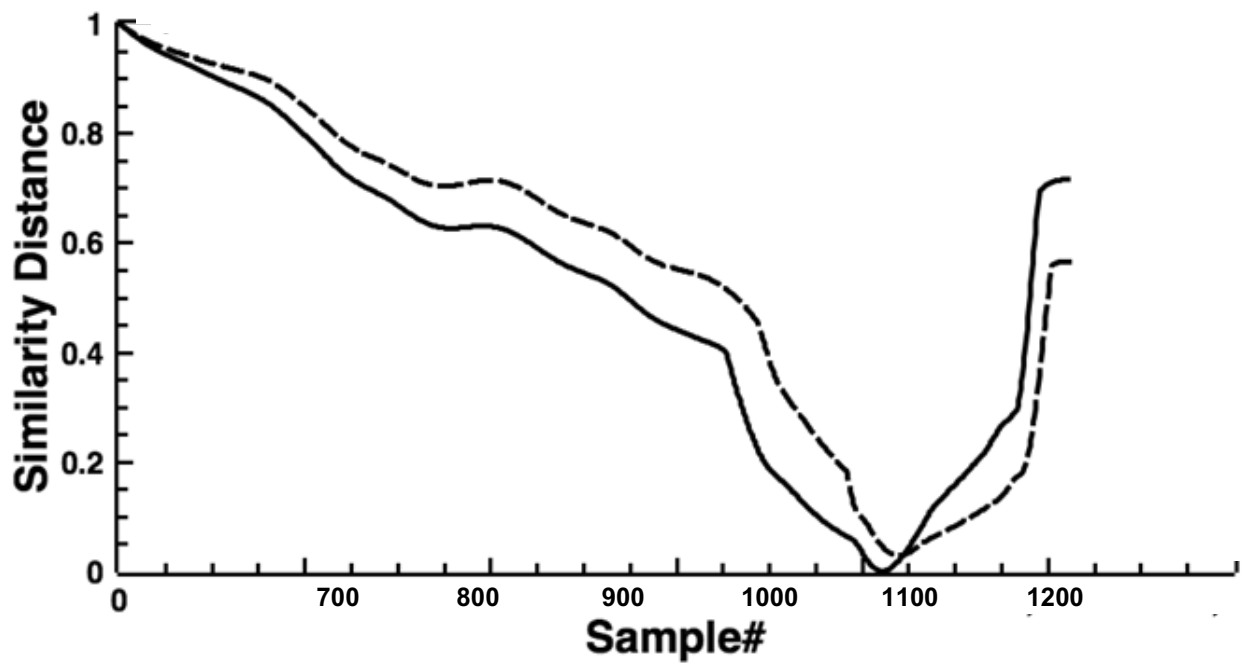
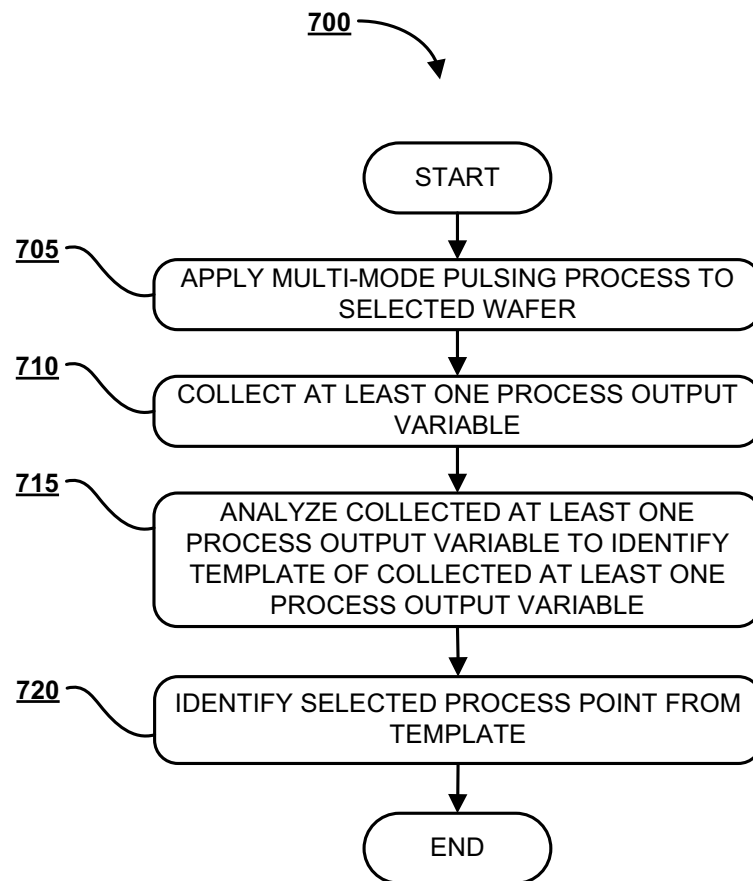
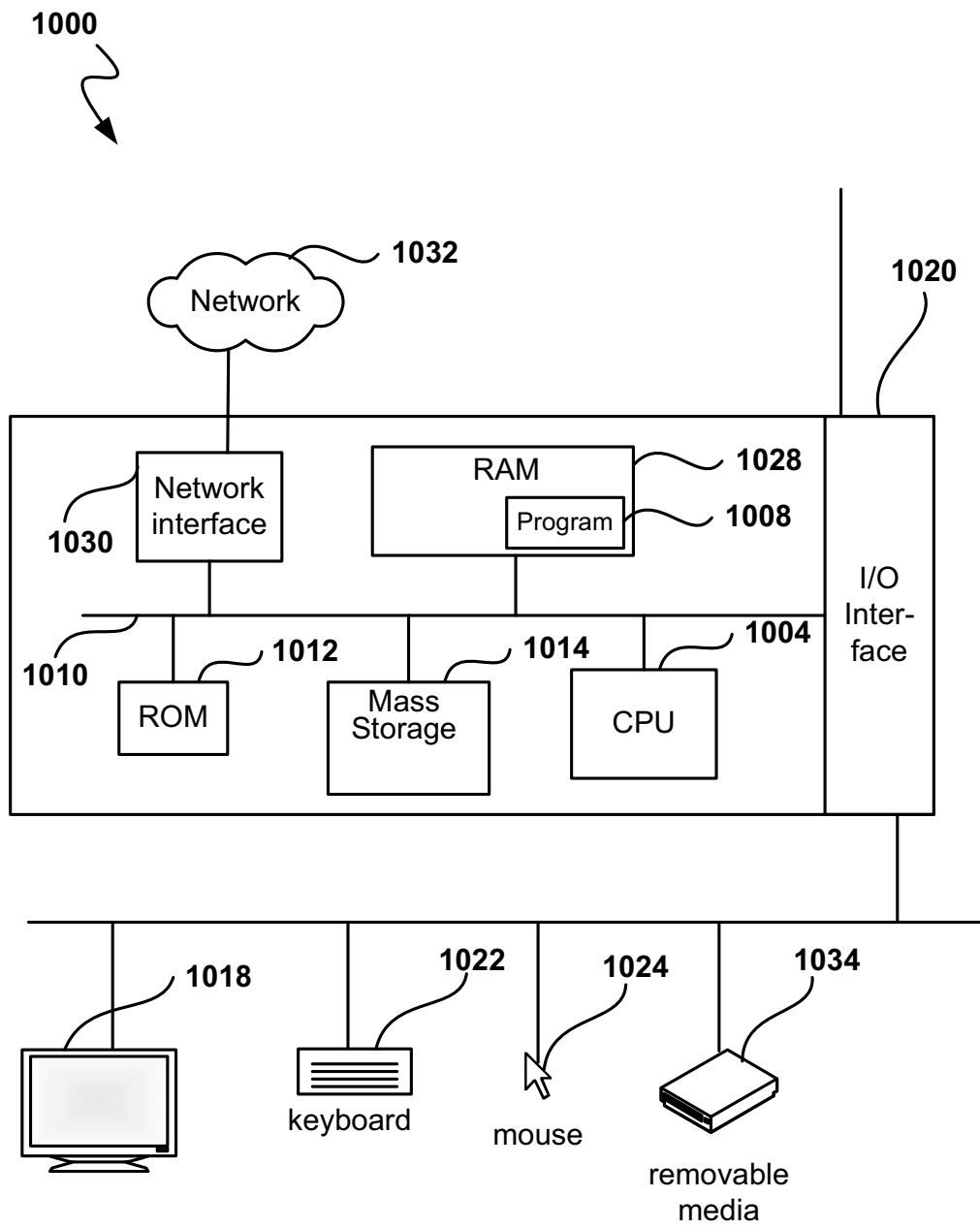


FIG. 6G

**FIG. 7**

**Fig. 8**