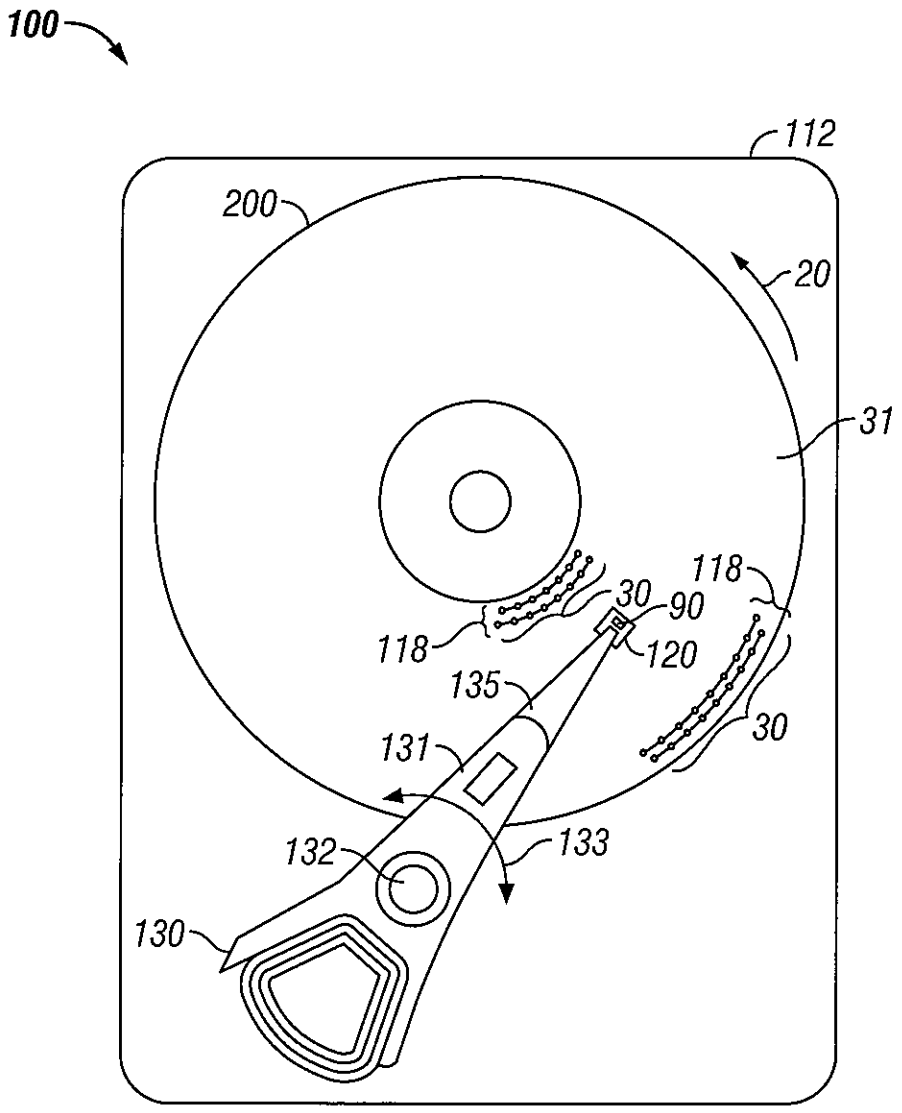


FIG. 1

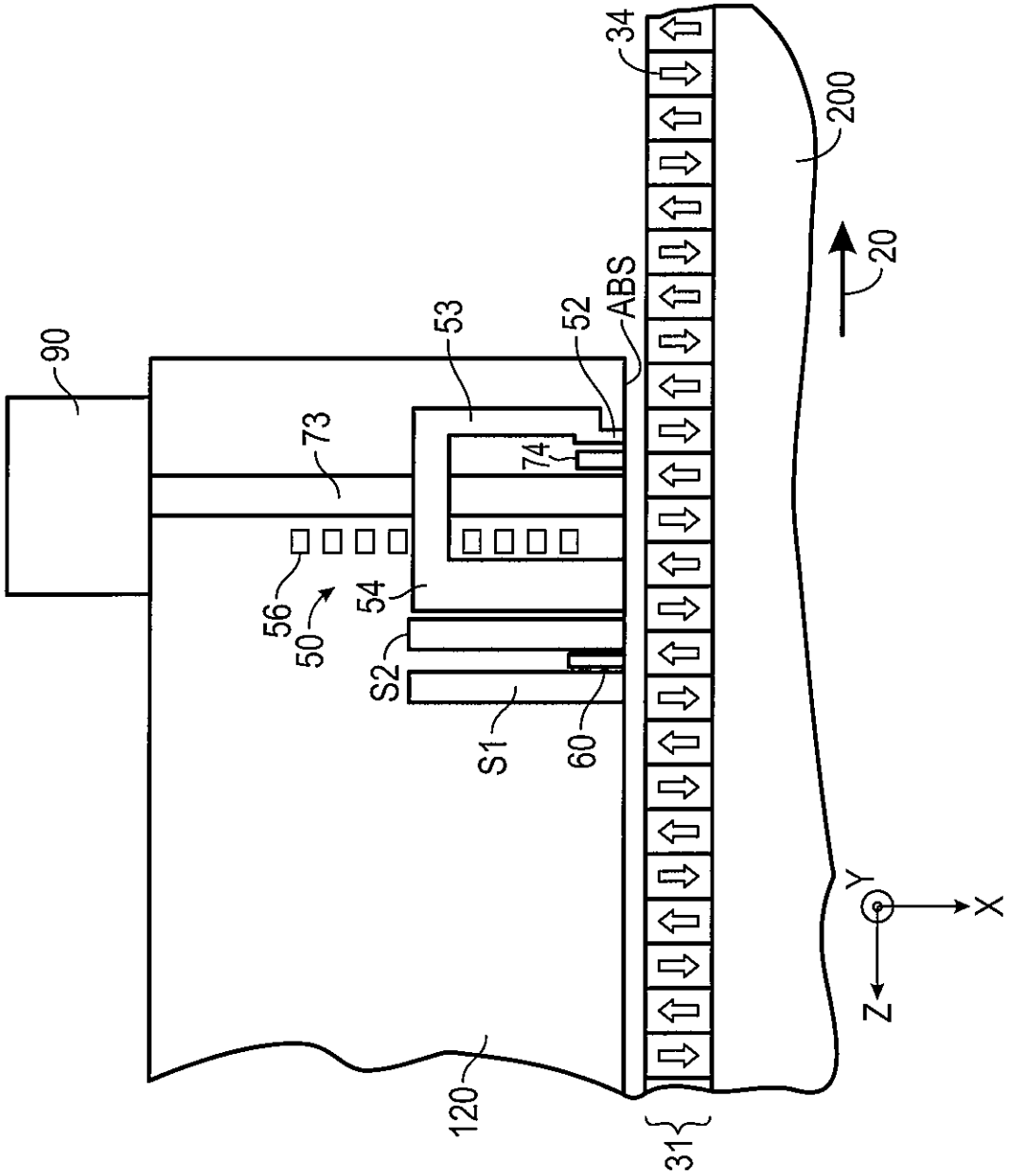


FIG. 2

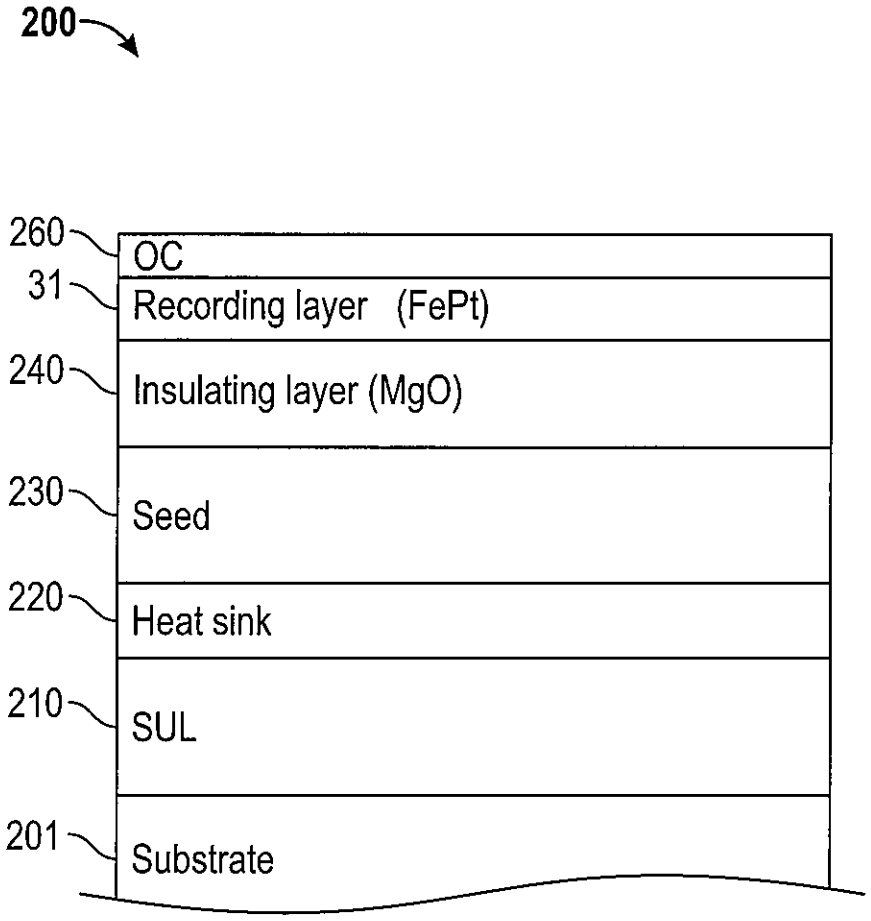


FIG. 3
(Prior Art)

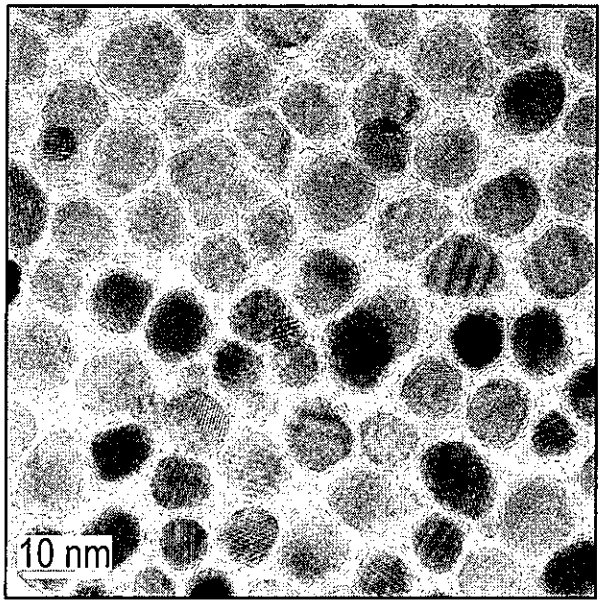


FIG. 4A

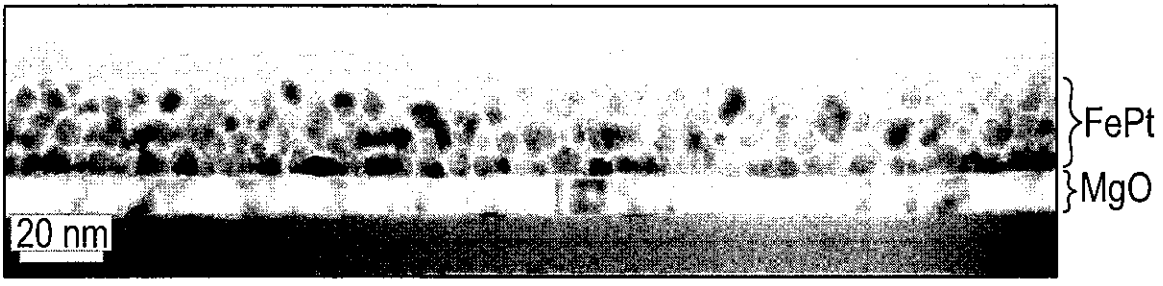


FIG. 4B

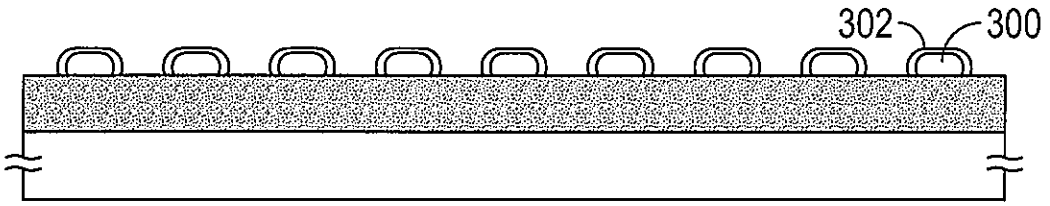


FIG. 5A

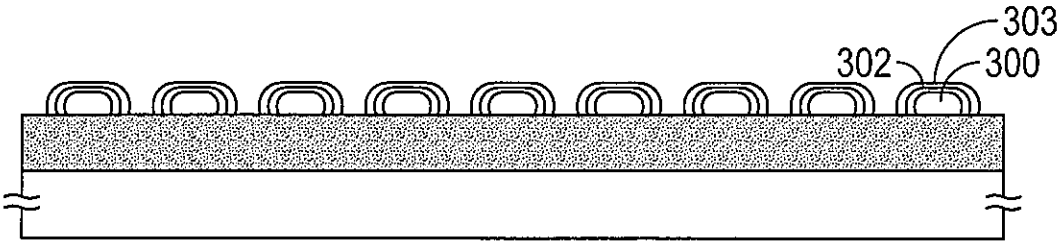


FIG. 5B

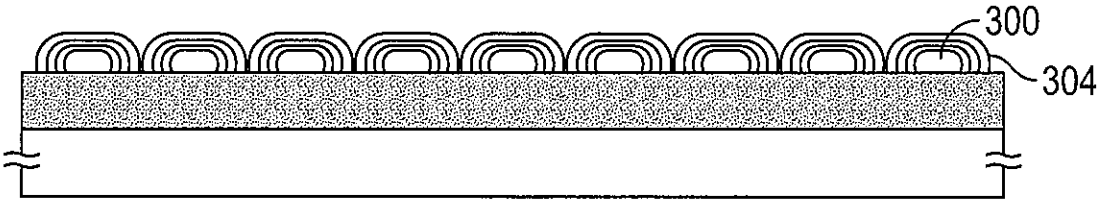


FIG. 5C

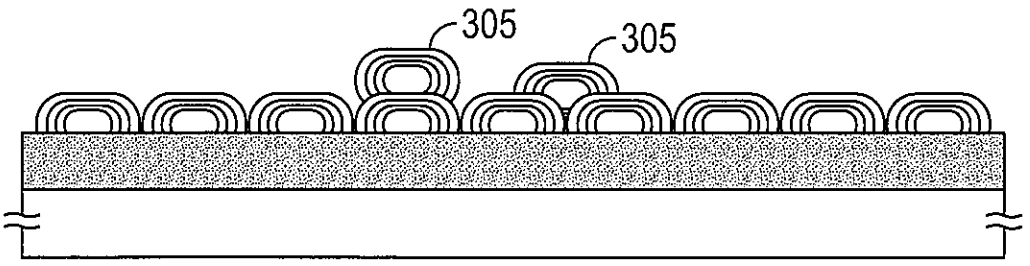


FIG. 5D

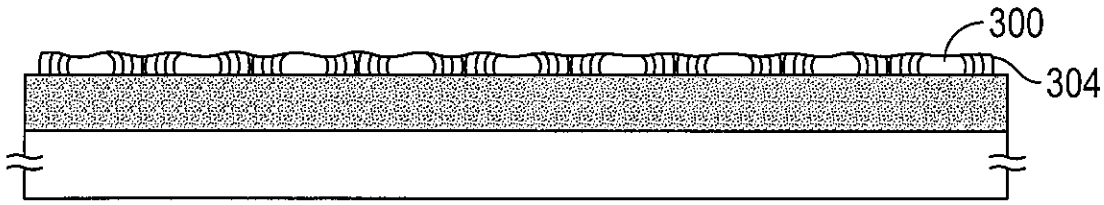


FIG. 6A

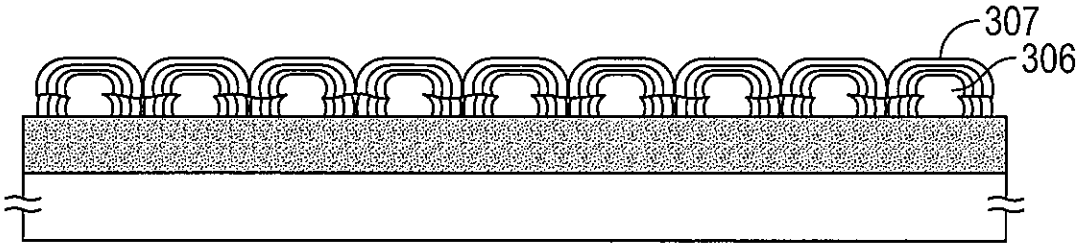


FIG. 6B

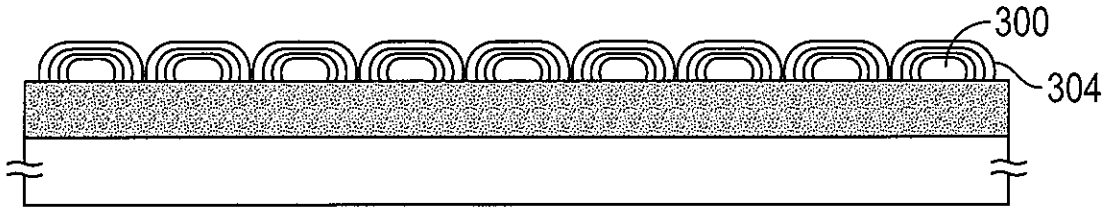


FIG. 7A

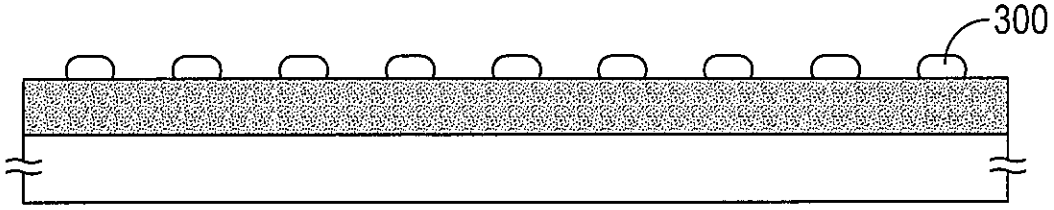


FIG. 7B

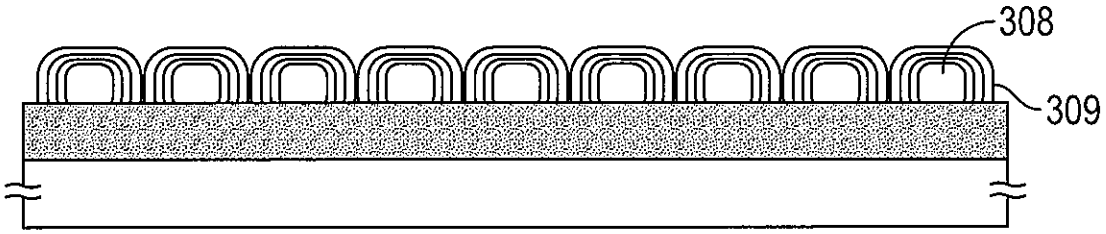


FIG. 7C

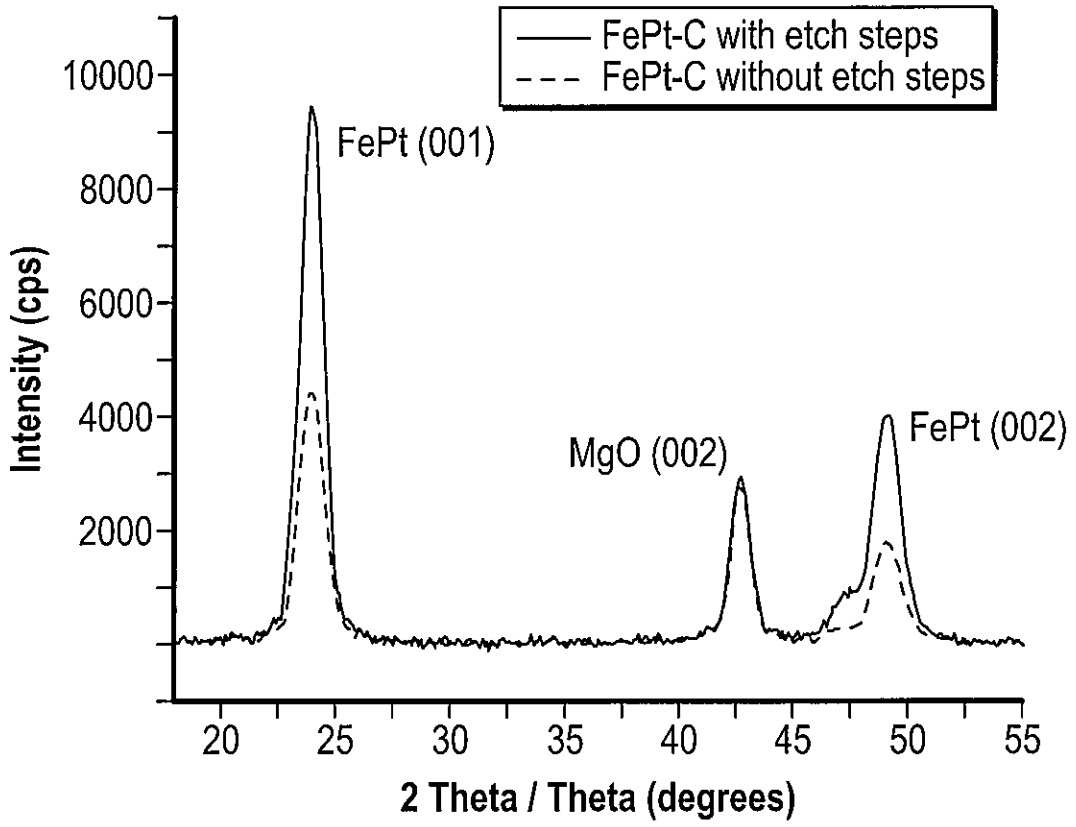

FePt-C with etch steps
FePt-C without etch steps
FePt (001)
MgO (002)
FePt (002)
Intensity (cps)
10000
8000
6000
4000
2000
20
25
30
35
40
45
50
55
2 Theta / Theta (degrees)

FIG. 8

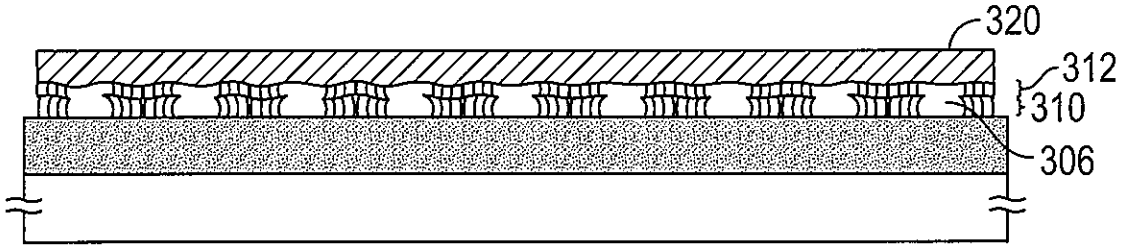

320
312
310
306

FIG. 9