

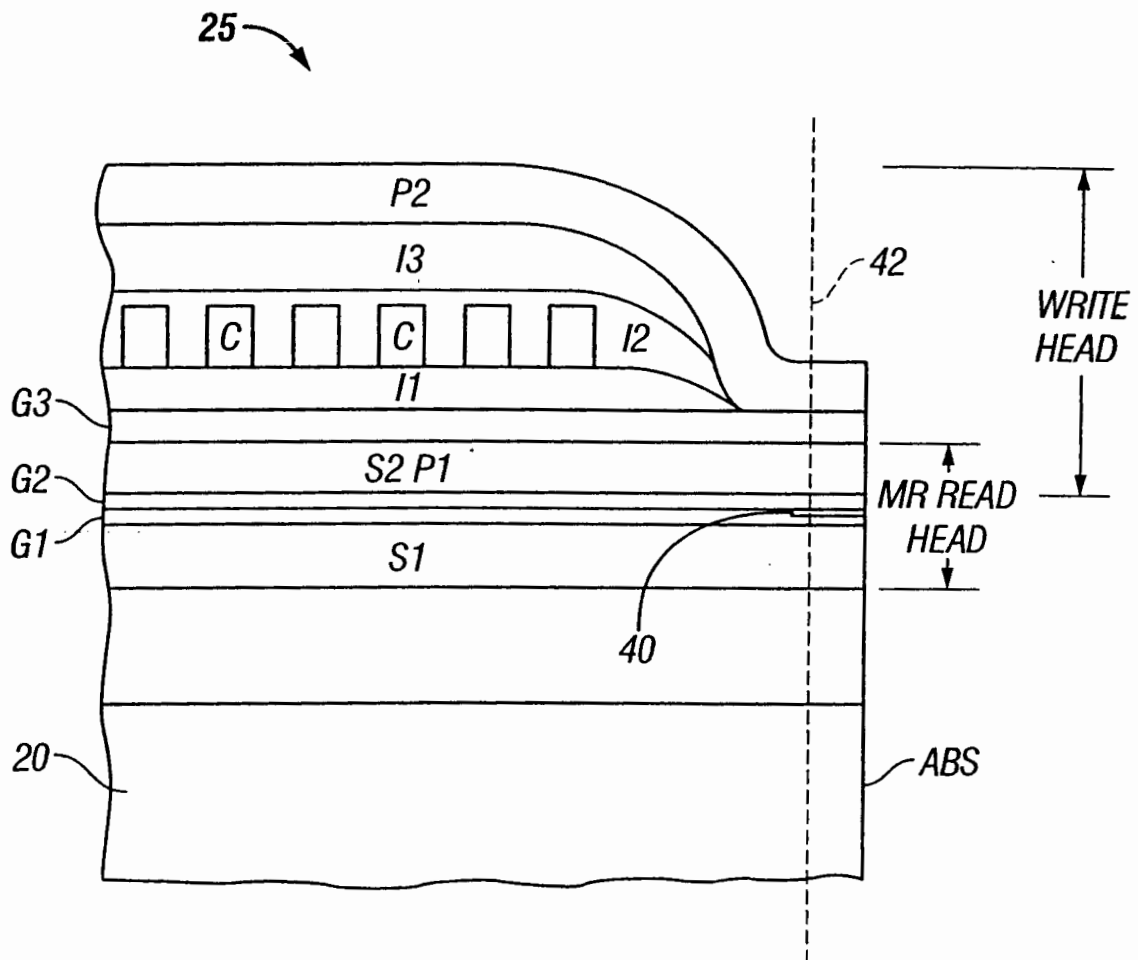


FIG. 1
(Prior Art)

2/7

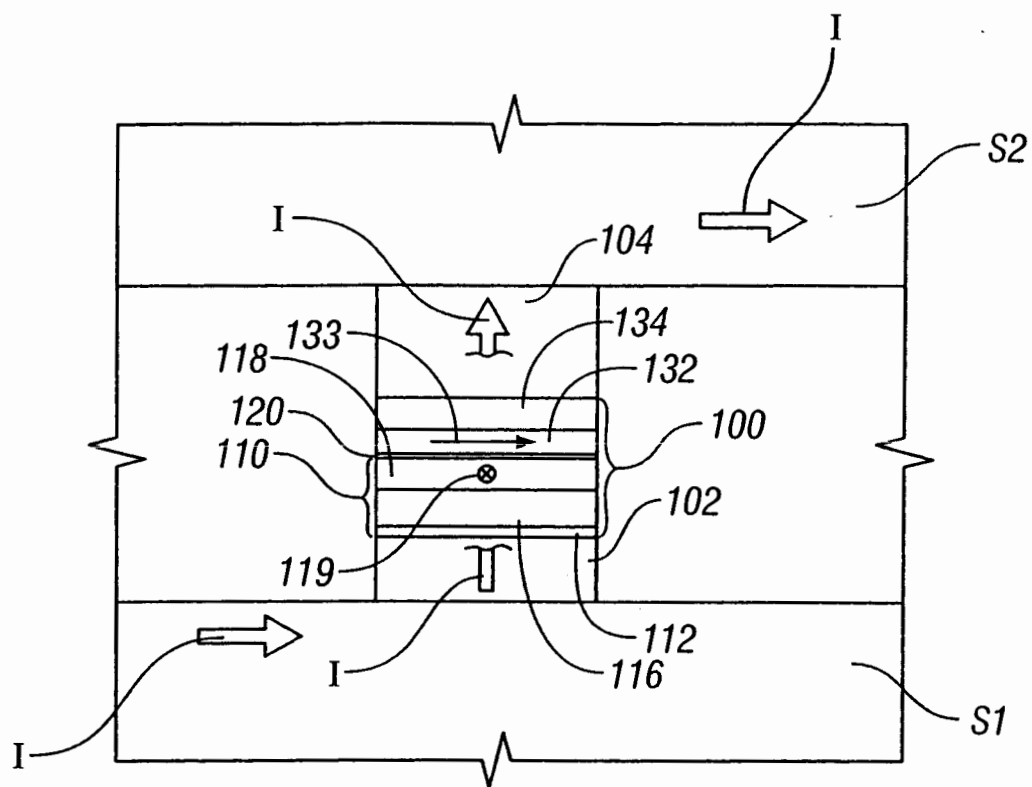


FIG. 2A

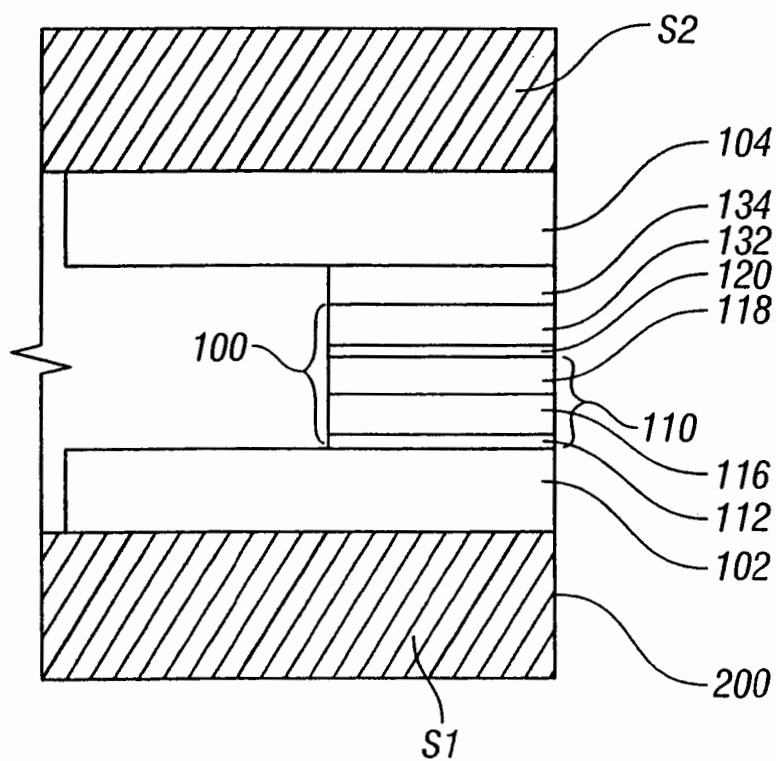
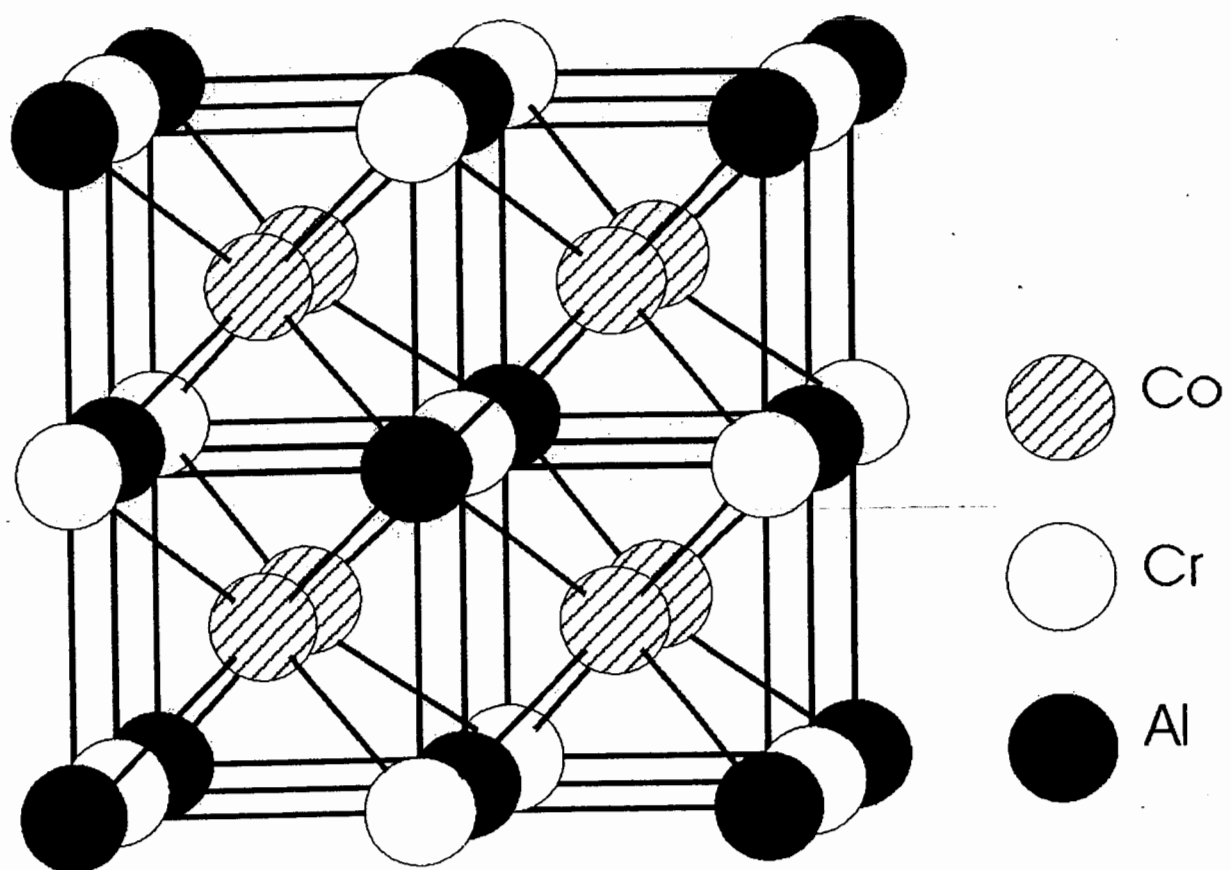


FIG. 2B

3/7

**FIG. 3**

A Ta(50 Å)/PtMn(200 Å)/Co₉₀Fe₁₀(12 Å)/Co₂Fe_{0.4}Cr_{0.6}Al (45Å)/Cu(5 Å)/Ta(100 Å)
 B Ta(50 Å)/PtMn(200 Å)/Co₉₀Fe₁₀(6 Å)/Co₂Fe_{0.4}Cr_{0.6}Al (45Å)/Cu(5 Å)/Ta(100 Å)
 C Ta(50 Å)/PtMn(200 Å)/Co₂Fe_{0.4}Cr_{0.6}Al (45Å)/Cu(5 Å)/Ta(100 Å)

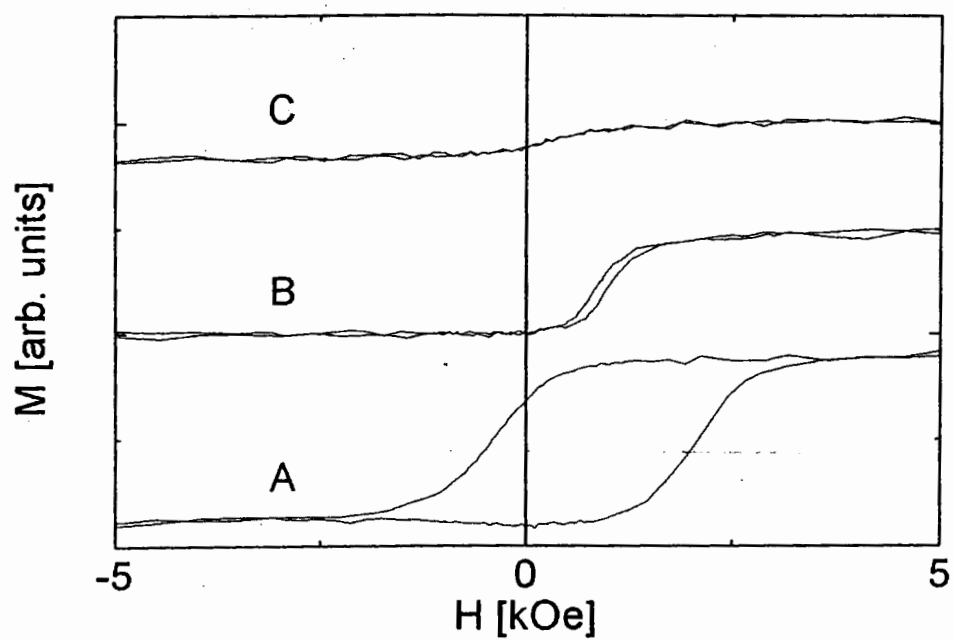


FIG. 4

5/7

Ta(50 Å)/PtMn(200 Å)/Co₉₀Fe₁₀(t)/Co₂Fe_{0.4}Cr_{0.6}Al(41 Å)/Cu(5 Å)/Ta(100 Å)

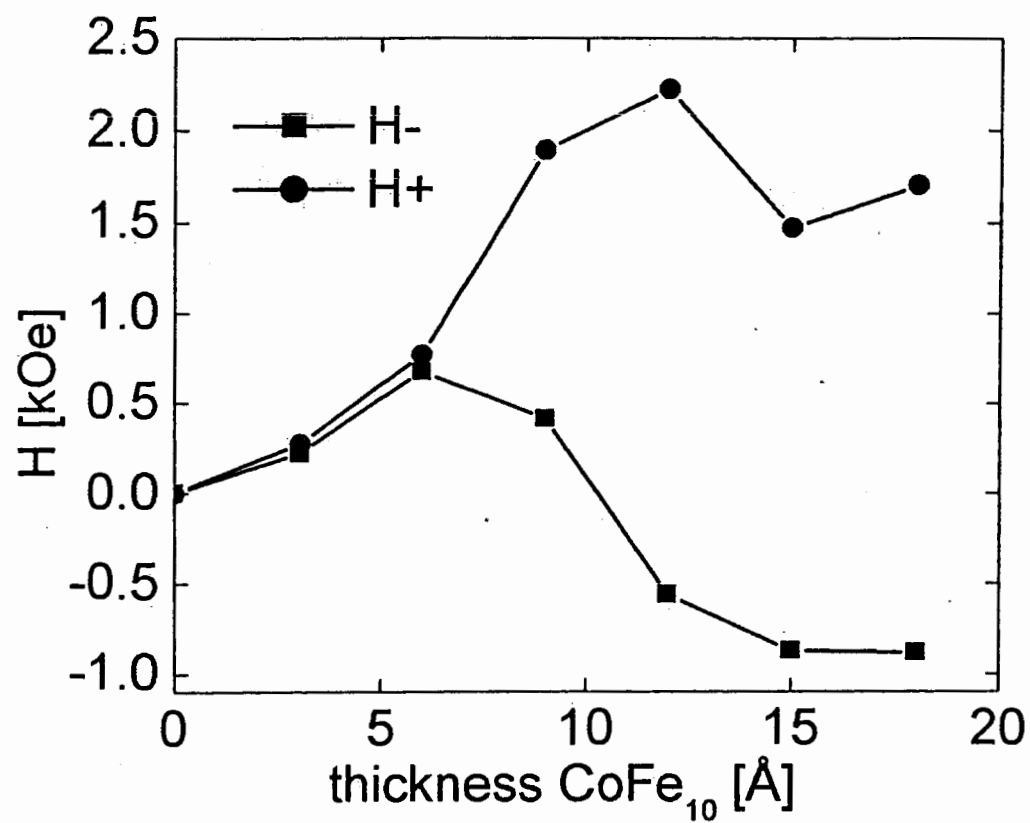


FIG. 5

Ta(50 Å)/PtMn(200 Å)/Co_{0.90}Fe_{0.10}(6 Å)/Co₂Fe_{0.6}Cr_{0.4}Al(t)/Cu(5 Å)/Ta(100 Å)

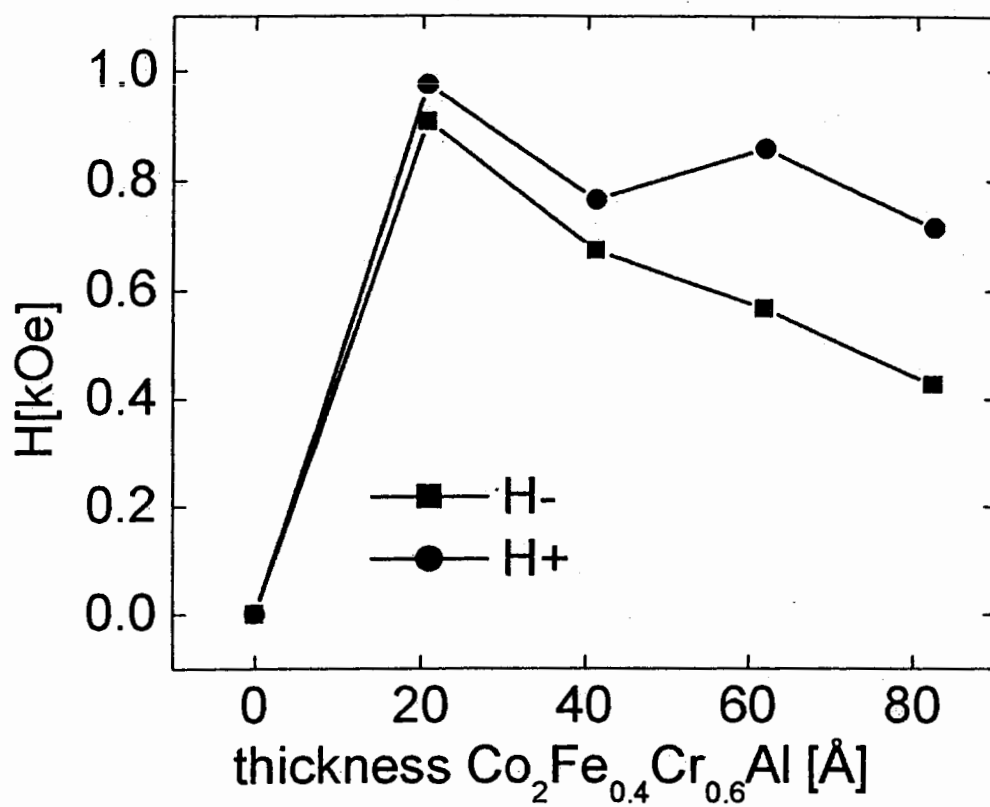


Fig. 6

Ta(50 Å)/PtMn(200 Å)/Co₉₀Fe₁₀(12 Å)/Co₂Fe_{0.6}Cr_{0.4}Al(t)/Cu(5 Å)/Ta(100 Å)

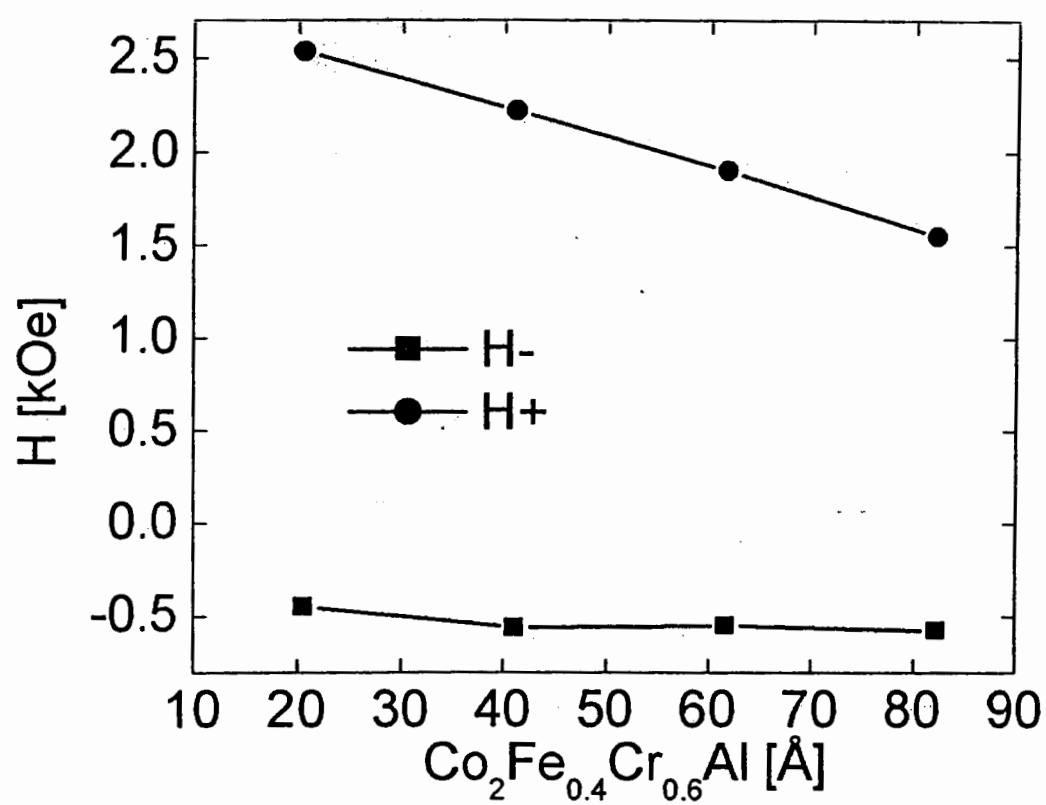


Fig. 7