Fig. 1

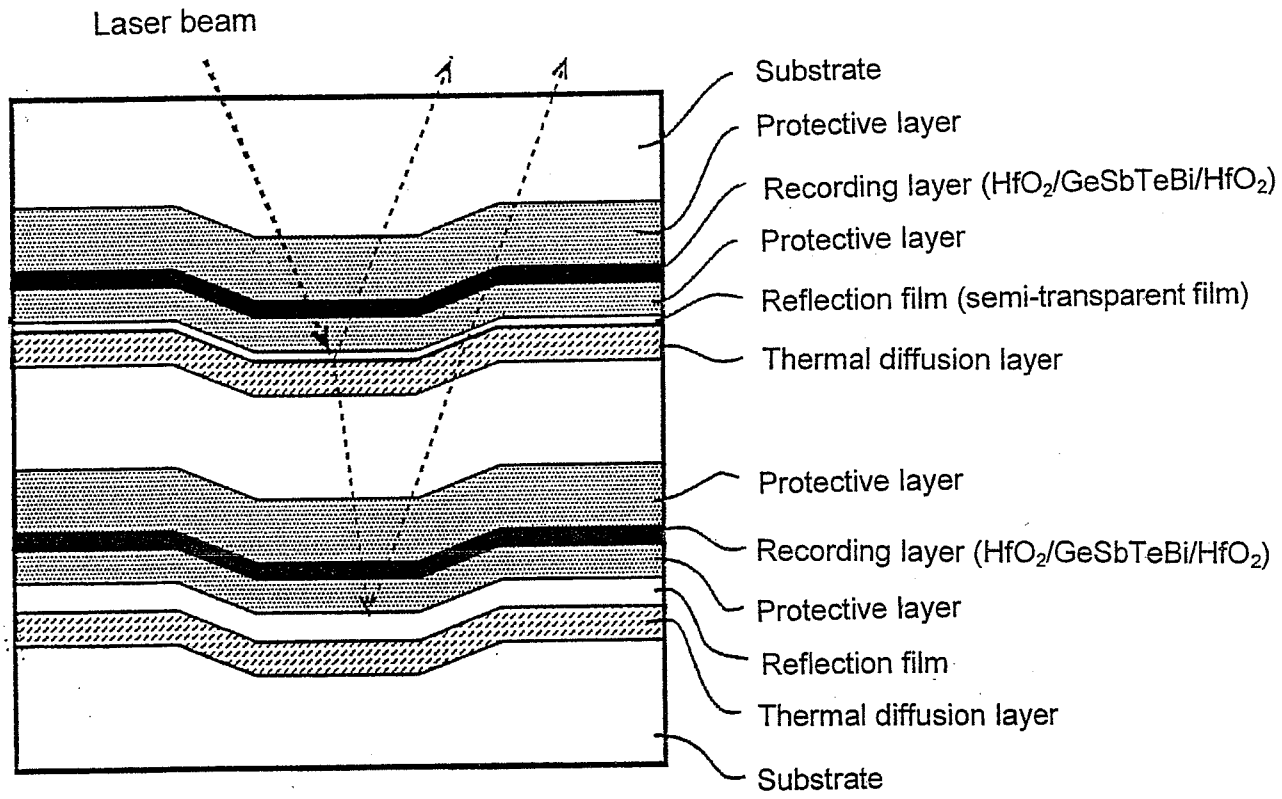
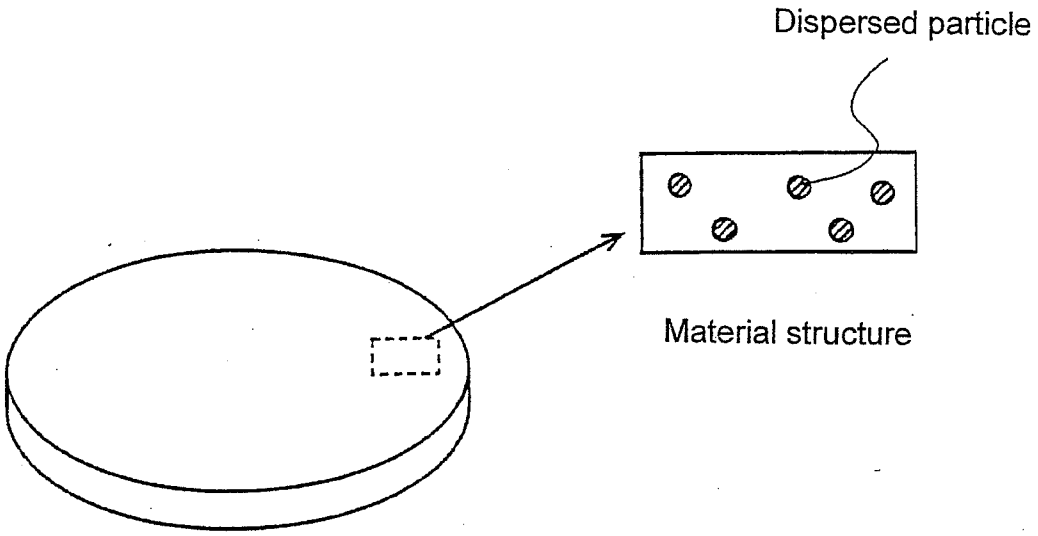
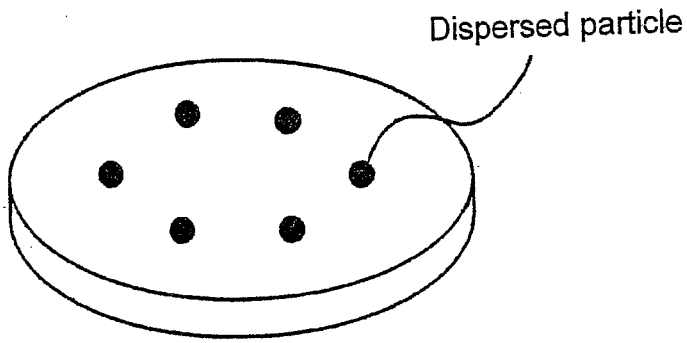

Laser beam
Substrate
Protective layer
Recording layer (HfO_2/GeSbTeBi/HfO_2)
Protective layer
Reflection film (semi-transparent film)
Thermal diffusion layer
Protective layer
Recording layer (HfO_2/GeSbTeBi/HfO_2)
Protective layer
Reflection film
Thermal diffusion layer
Substrate

Fig. 2

(a)


Dispersed particle
Material structure

(b)


Dispersed particle