

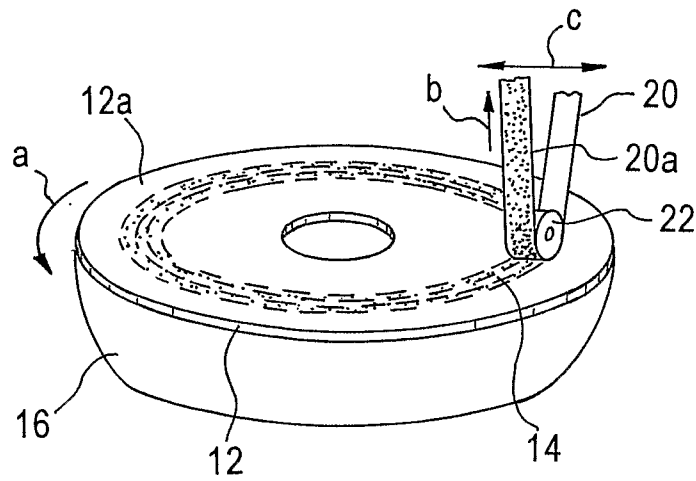


Fig. 1A

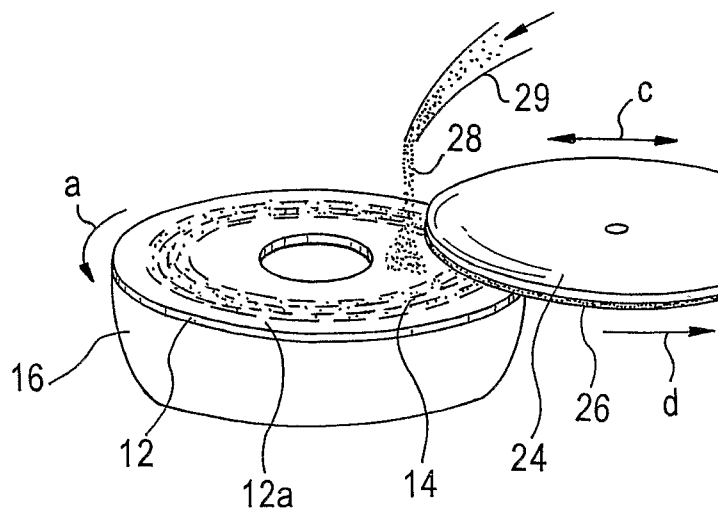
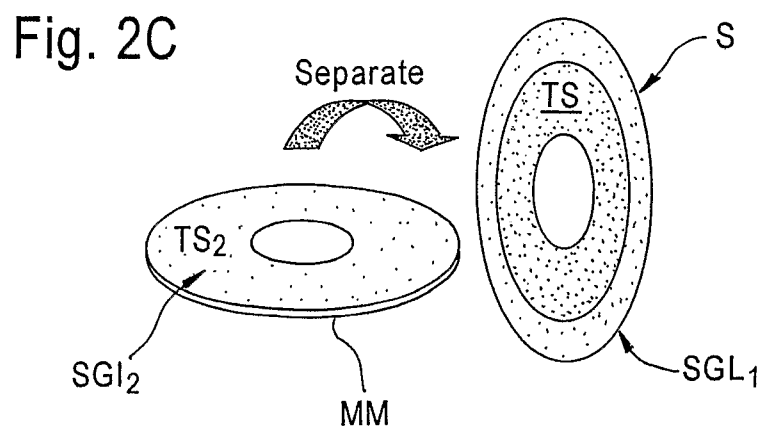
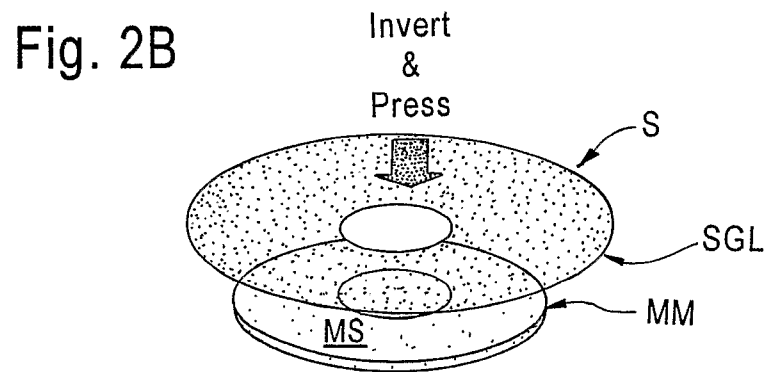
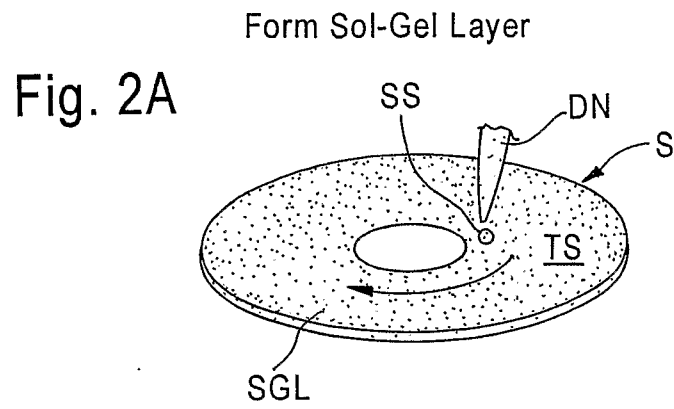


Fig. 1B



Form Sol-Gel Layer

Fig. 3A

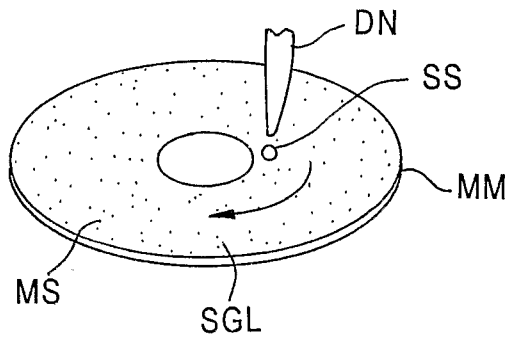


Fig. 3B

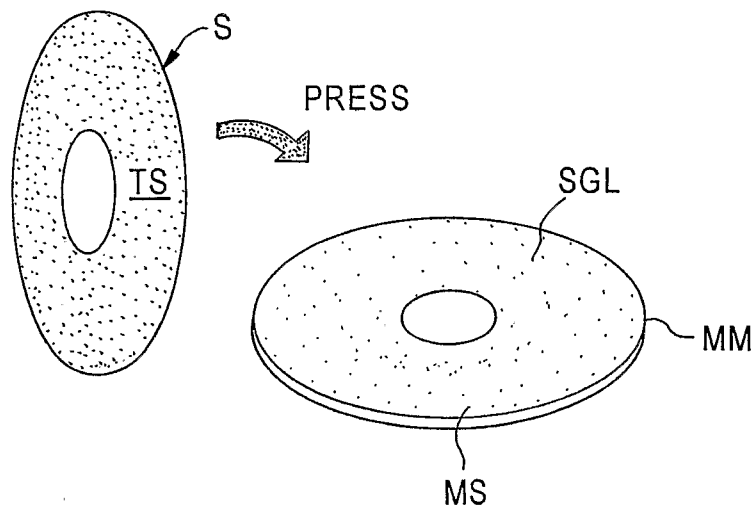


Fig. 3C

