

PLATING ON NONMETALLIC DISKS

ABSTRACT

The invention is a chemical method of plating a nonmetallic substrate comprising the steps of depositing an adhesion enhancing film on the substrate, treating the adhesion enhancing film to make the film catalytic, and forming an outer coating and passivating plate on the adhesion enhancing film. The resulting plated, nonmetallic substrates can comprise any number of materials used as an inner substrate such as compounds of oxide, nitride, phosphide, carbide, glass, ceramic, and mixtures thereof. In use, the resulting substrate may find application in number of data storage devices (20) and data retrieval applications.

Fig. 1.