

ABSTRACT

A process for producing a stamper comprising the steps of: forming a photosensitive layer on a substrate; drying the photosensitive layer; exposing the photosensitive layer according to desired information data; developing the exposed photosensitive layer and rendering the surface of the substrate having thereon a patterned photosensitive layer electrically conductive; and forming a metal plate on the conductive surface by electroforming, wherein the step of rendering the surface conductive is carried out by treating the surface of the substrate with a treating agent for improvement of surface hydrophilic properties and for charge control, followed by treating the surface with a colloidal solution containing stannous and palladium ions to make a palladium catalyst on the surface, and followed by treating the surface with an electroless plating solution.