

METHODS FOR REMOVING METALS FROM PLATING OPERATION

ABSTRACT OF THE DISCLOSURE

The present invention relates to compounds and methods for removing metals, e.g., ionic cobalt from an electroless plating operation, preferably to levels less than 5 ppm. The metals can then be either landfilled or regenerated for electrowinning and reuse. The invention utilizes an ion exchange media comprised of a silica backbone and functionalized with phosphonate groups.