## 12JK-2000-06

Method of Adhesion between an Oxide layer and a Metal Layer

The invention provides a method of controlling the wetting characteristics and results in increasing the adhesion between a metal and an oxide layer. This is accomplished by introducing a negatively charged ion into the surface of the oxide layer in a layer by layer growth of metal thereby increasing the adhesion strength of the metal-oxide interface.

For Additional Information, Please Contact:

The University of North Texas Office of the Vice President for Research and Economic Development 3940 North Elm, A160 Denton, TX 76207

Fax: 940-565-2944

Email: richard.croley@unt.edu