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08/586,232**12 January 1996 (12.01.96)****US**(71) Applicant: **MICROMODULE SYSTEMS [US/US]; 10500-A Ridgeview Court, Cupertino, CA 95014 (US).**(72) Inventor: **LYKINS, James, L., III; 2677 Norcross Drive, San Jose, CA 95148 (US).**(74) Agent: **FEIGENBAUM, David, L.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).**(81) Designated States: **JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).****Published***With international search report.**Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.*(54) Title: **ROUGH ELECTRICAL CONTACT SURFACE**

(57) Abstract

A method for rendering a surface of a contact rough includes submerging the surface of the contact in an electroplating bath (18) having a dissolved metal salt, and pulsing an electric current through the contact and the bath (18) to form a rough metallic structure on the surface of the contact.

