

**AUTOMATIC REWORK PROCESSES FOR NON-STICK CONDITIONS IN WIRE
BONDING OPERATIONS**

ABSTRACT

A method of performing a wire bonding operation is provided. The method includes the steps of: (a) performing a wire bonding operation between a portion of wire and a bonding location using a bonding tool; (b) raising the bonding tool to a desired height; (c) performing a test to determine if the portion of wire is sufficiently bonded to the bonding location; and (d) automatically performing another wire bonding operation between the portion of wire and the bonding location using the bonding tool if, during step (c), it is determined that the portion of wire was not sufficiently bonded to the bonding location in step (a).

Figs. 2A - 2O