

APPARATUS AND METHOD FOR DIRECT TRANSFER OF AN ELECTROLYTICALLY FORMED ANTENNA

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Abstract

An apparatus (10) with an electrode (12) that has an electroplatable portion (14) for forming an antenna. The electroplatable portion (14) has an adhesion-reducing coating (16) to enable detachment of the antenna onto a substrate. A method (50) for direct transfer of the antenna onto the substrate starts with applying a
10 mounting compound onto the substrate. The electrode (12) is then used to electrolytically form the antenna in a plating bath. Thereafter, upon forming the antenna, the electrode (12) is placed onto the mounting compound. Pressing the electrode (12) onto the mounting compound enables adhesion of the antenna to the mounting compound. Upon removal of the electrode (12), the antenna is detached
15 from the electrode (12) onto the substrate.

FIG. 1 accompanies the abstract.