

ABSTRACT

A SECURITY DEVICE USING AN ULTRASENSITIVE MICROTRACE FOR PROTECTING MATERIALS, ARTICLES AND ITEMS

A method of marking a solid article or item comprises applying thereto beads having nucleic acids attached thereto. A method of monitoring an interaction between any material, article or item and a person or animal comprises providing a device capable of producing an aerosol containing a nucleic acid label and means to activate the aerosol on interference by a person or animal with the material, article or item. Methods of marking a material comprise adding to the material a plurality of beads having attached thereto a plurality of nucleic acid molecules. At least two distinct primer sequences are associated with different nucleic acid molecules.

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