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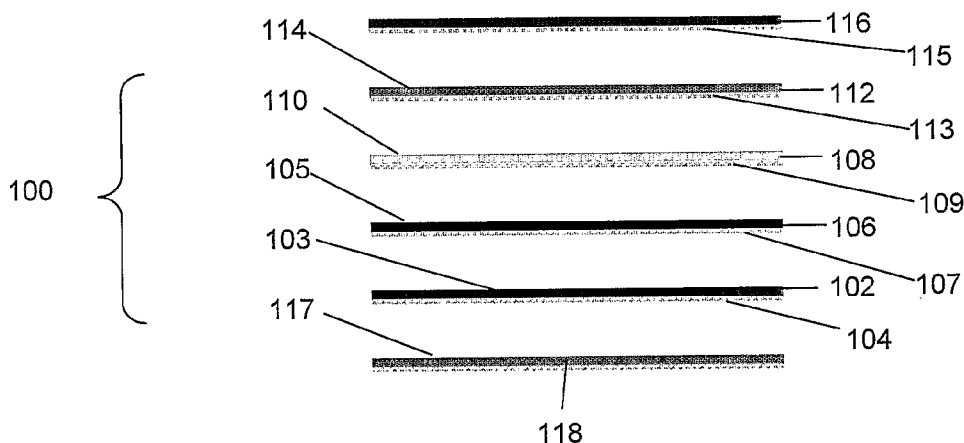


FIGURE 1

(57) Abstract: A transponder including a transponder circuit, wherein a first surface of the transponder has an adhesive backing that allows the transponder to be attached to an article. A second surface of the transponder may include a material having a high coefficient of friction such that, when the transponder is attached to the article, the material impedes the article from slipping on an external surface. The transponder may also include a substrate layer, wherein a first surface of the substrate layer is the first surface of the transponder, and a second layer that includes the transponder circuit, the second layer being disposed on the substrate layer.