(54)   **METHOD AND APPARATUS FOR CREATING VIRTUAL GRAFFITI IN A MOBILE VIRTUAL AND
        AUGMENTED REALITY SYSTEM**

(57)   A method and apparatus is provided for easily creating virtual graffiti that will be left for a particular device to view. During operation a device will be placed near a first point that is used to define a boundary for the virtual graffiti. The device will locate the first point, and use the point to define the boundary. The device will receive an image that is to be used as virtual graffiti, and will fit the image within the boundary of the virtual graffiti. For example, the device may be consecutively placed near four points that will define a polygon to be used as the boundary for the virtual graffiti. An image will then be received, and the image will be fit within the polygon.
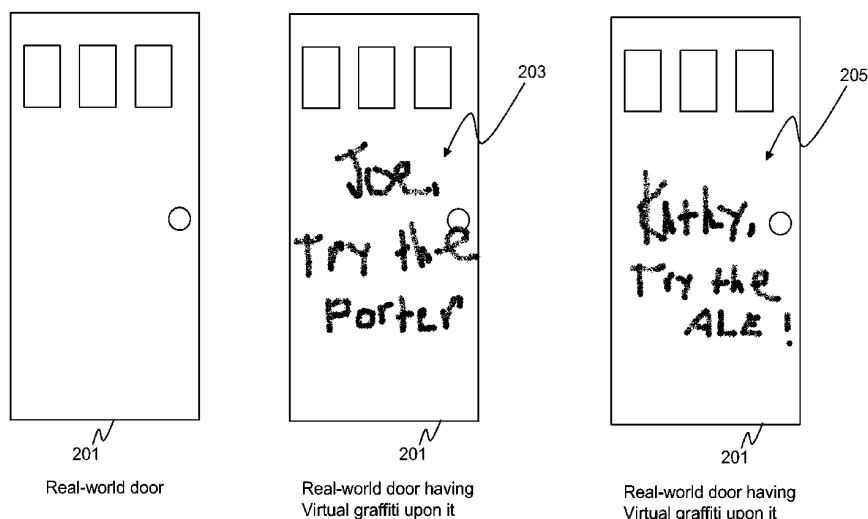
Real-world door   Real-world door having   Real-world door having
                                    Virtual graffiti upon it   Virtual graffiti upon it

FIG. 2