



(11) **EP 3 370 445 A1**

(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
05.09.2018 Bulletin 2018/36

(51) Int Cl.:
H04W 4/02 (2018.01) H04W 4/18 (2009.01)

(21) Application number: **18182855.9**

(22) Date of filing: **26.01.2010**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK SM TR**

(30) Priority: **04.02.2009 US 365266**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
10738967.8 / 2 394 448

(71) Applicant: **Google Technology Holdings LLC**
Mountain View, CA 94043 (US)

(72) Inventors:
• **GYORFI, Julius**
Vernon Hills, IL Illinois 60061 (US)

• **BUHRKE, Eric**
Clarendon Hills, IL Illinois 60514 (US)
• **LOPEZ, Juan**
Chicago, IL Illinois 60661 (US)
• **YU, Han**
Carpentersville, IL Illinois 60110 (US)

(74) Representative: **Openshaw & Co.**
8 Castle Street
Farnham, Surrey GU9 7HR (GB)

Remarks:
This application was filed on 11-07-2018 as a
divisional application to the application mentioned
under INID code 62.

(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 de-
vice 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 re-

ceive 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.

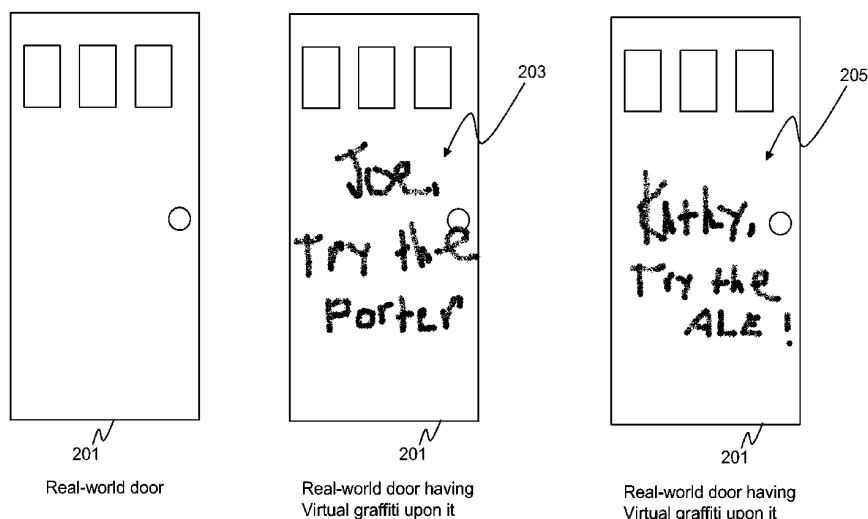


FIG. 2