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(54) **TRANSFORMING OFFLINE MAPS INTO INTERACTIVE ONLINE MAPS**

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G09G 5/00 (2006.01)

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(58) **Field of Classification Search** ..... None
See application file for complete search history.

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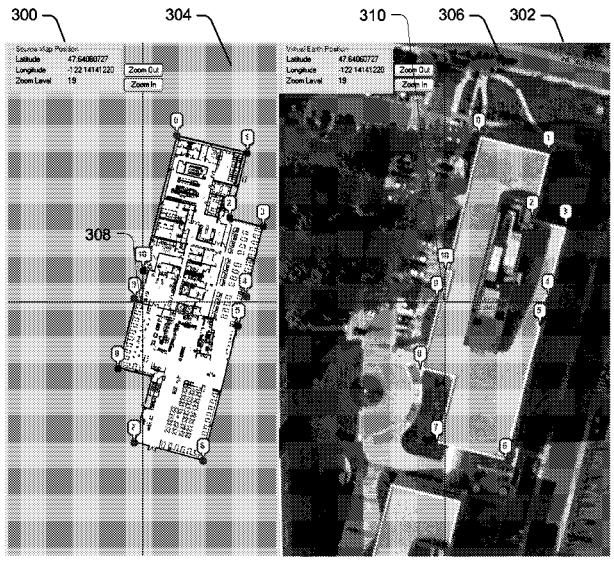
(57) **ABSTRACT**

A system is disclosed that transforms offline maps into interactive online maps. In the system, geo-coordinate relationships are determined between geo-coordinates on a source map and geo-coordinates on an online reference map. An image of the source map is transformed to form an image of a modified source map having geo-coordinates that substantially align with corresponding geo-coordinates on the reference map. Modified source tiles are formed with the image of the modified source map and displayed on a portion of the reference map.

20 Claims, 15 Drawing Sheets