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(54) Title: INFORMATION BROADCAST USING COLOR SPACE ENCODED IMAGE

(57) Abstract: Embodiments of the present disclosure can include systems, methods, and non-transitory computer program products for using color space encoded images to perform image-based information broadcasting. In certain aspects, the information broadcasting can include using the encoded images to broadcast information to multiple devices within view of the encoded images. Embodiments can also include broadcasting information independent of network availability. In certain aspects, a public display having a camera can register or capture a color space encoded image from a remote device, where the encoded image encodes a request for information from a user. The public display can send the encoded image to be decoded, and receive the decoded request for information. The public display can encode an encoded image representing a response, and display the encoded image representing a response for decoding by the user.



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A. CLASSIFICATION OF SUBJECT MATTER IPC: G06K 19/06 (2006.01) USPC: 235/494,462.04,472.01 According to International Patent Classification (IPC) or to both national classification and IPC														
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 235/494, 462.04, 472.01 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE														
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Category *</th> <th style="width: 70%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width: 20%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">X</td> <td>US 2007/0119940 A1 (FUTAMURA et al.) 31 May 2007(31.05.2007), see entire document.</td> <td style="text-align: center;">1-3</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 7,997,502 B2 (LV et al) 16 August 2011(16.08.2011).</td> <td style="text-align: center;">4-6</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 6,993.211 B2 (MATSUI et al.) 31 January 2006(31.01.2006).</td> <td style="text-align: center;">4-6</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 2007/0119940 A1 (FUTAMURA et al.) 31 May 2007(31.05.2007), see entire document.	1-3	A	US 7,997,502 B2 (LV et al) 16 August 2011(16.08.2011).	4-6	A	US 6,993.211 B2 (MATSUI et al.) 31 January 2006(31.01.2006).	4-6
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.														
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