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Morin

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(54) **METHOD FOR USING PARTIALLY OCCLUDED IMAGES FOR NAVIGATION AND POSITIONING**

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G01C 21/28	(2006.01)

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USPC 701/408, 468–469, 472–473, 701/478.5–480, 500–501, 505–506, 701/509–510, 514, 518, 534–536; 340/995.24–995.25, 995.28

See application file for complete search history.

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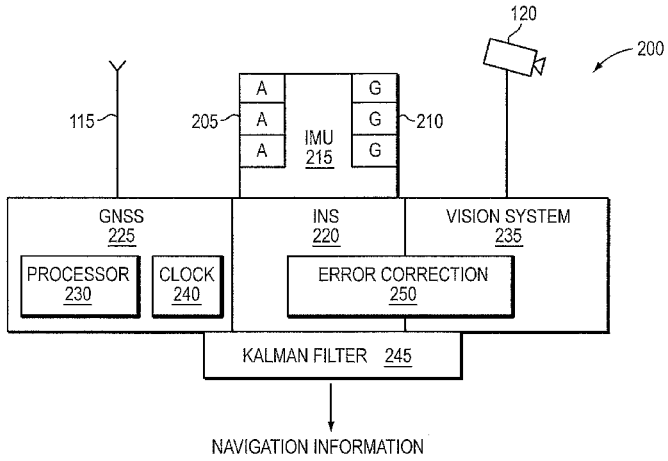
(57) **ABSTRACT**

A system and method for augmenting a GNSS/INS system by using a vision system is provided. The GNSS system generates GNSS location information and the INS system generates inertial location information. The vision system further generates vision system location information that is used as an input to an error correction module. The error correction module outputs inertial location adjustment information that is used to update the inertial system's location information.

6 Claims, 4 Drawing Sheets