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Simmons et al.

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(54) **TRACKING A POSITION IN RELATION TO A SURFACE**

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G06F 3/033 (2013.01)
G06F 3/03 (2006.01)
G06F 3/0354 (2013.01)

(52) **U.S. Cl.**
CPC ***G06F 3/0317*** (2013.01); ***G06F 3/03543*** (2013.01)

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See application file for complete search history.

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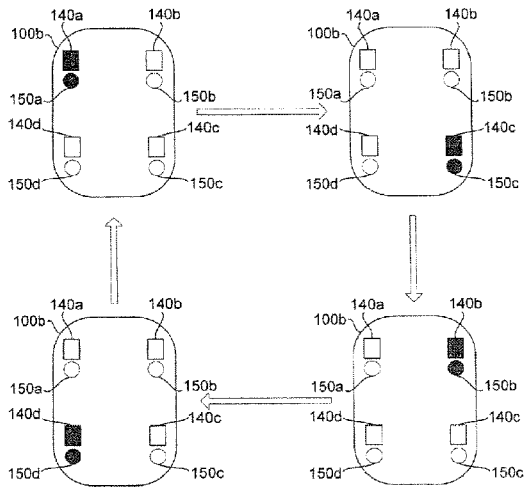
(57) **ABSTRACT**

A tracking device is provided for tracking a position of the tracking device in relation to a surface. The tracking device has a first optical sensor to capture a primary image of the surface. A second optical sensor is provided to capture a secondary image of the surface. A processor evaluates the primary and secondary images to determine a movement of the tracking device in relation to the surface.

20 Claims, 4 Drawing Sheets