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(54) **USER INPUT APPARATUS, SYSTEM, METHOD AND COMPUTER PROGRAM FOR USE WITH A SCREEN HAVING A TRANSLUCENT SURFACE**

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(75) Inventors: **Claudio Pinhanez**, New York, NY (US); **Gopal Pingali**, Mohegan Lake, NY (US); **Frederik C.M. Kjeldsen**, Poughkeepsie, NY (US); **Anthony Levas**, Yorktown Heights, NY (US); **Mark Edward Podlaseck**, New Preston, CT (US)

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(57) **ABSTRACT**

A user interface input apparatus and method allows the detection of when and where a user touches a surface of a translucent screen by the processing of imagery generated by a camera that views an opposite surface of the screen. An input device and system includes a translucent screen; an image capture device located for imaging a first side of the screen opposite a second side where user interaction occurs; and an image processor coupled to the output of the image capture device to determine at least one of where and when a person touches an area on the second side of the screen by a change in intensity of light emanating from the touched area relative to a surrounding area.

Correspondence Address:
HARRINGTON & SMITH, LLP
4 RESEARCH DRIVE
SHELTON, CT 06484-6212 (US)

(73) Assignee: **International Business Machines Corporation**

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