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- (54) **USER INTERFACE FOR A DATA PROCESSING APPARATUS**
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- (52) **U.S. Cl.** **345/156; 345/167; 345/169; 345/184**
- (58) **Field of Search** **345/156, 157, 345/163, 167, 169, 184**

(57) **ABSTRACT**

A user interface for a data processing device is described comprising: an input wheel rotatably mounted to the data processing device and configured to generate input signals to the data processing device when rotated or clicked down, wherein clicking and holding down the input wheel for less than a threshold amount of time causes a first function to be executed by the data processing device, and wherein clicking and holding down the input wheel for greater than the threshold amount of time causes a second function to be executed by the data processing device.

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32 Claims, 19 Drawing Sheets

