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Astala et al.

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(54) TOUCH SCREEN DRAG AND DROP INPUT TECHNIQUE

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- (52) U.S. Cl. 345/173; 345/156; 345/157;
- (58)
 Field of Search
 345/156–179,
- 345/799, 856–857

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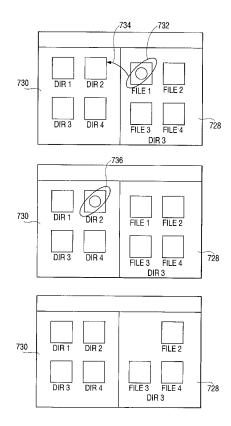
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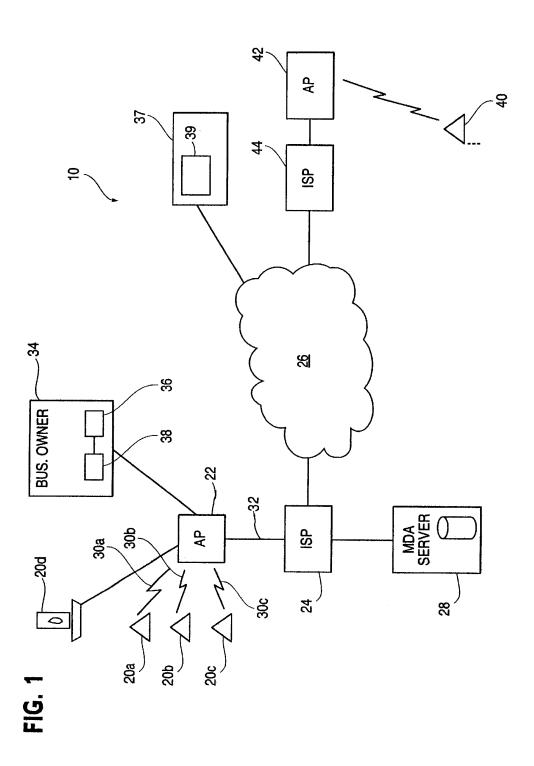
(57) ABSTRACT

A method of and apparatus for dragging and dropping items displayed on a touch screen. In one embodiment, the item on the touch screen is touched with a pressure greater than a first predetermined pressure for a first predetermined period of time. The pressure on the item is then reduced, and the item is dragged with the reduced pressure to a second location at which the touch screen is touched with a pressure greater than a second predetermined pressure for a time duration greater than a second predetermined time period. In another embodiment, the item on the touch screen is touched with a pressure greater than a predetermined pressure for a first predetermined period of time, and then the touch screen is touched at a second location with a pressure greater than the predetermined pressure for a second predetermined period of time, less than the first predetermined period of time.

24 Claims, 7 Drawing Sheets



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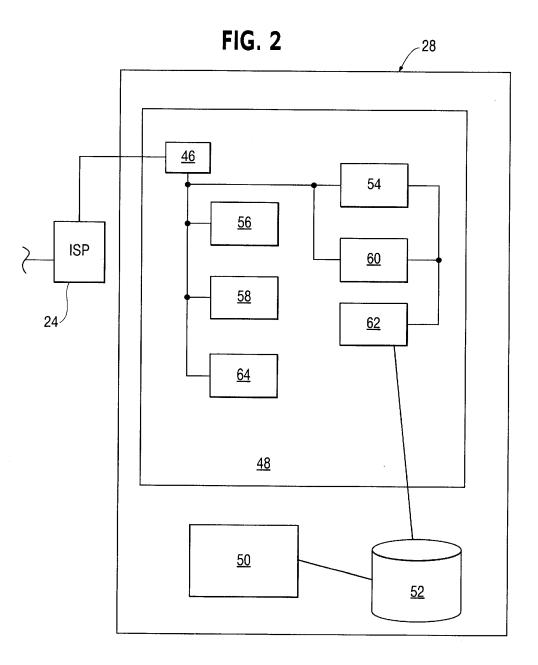


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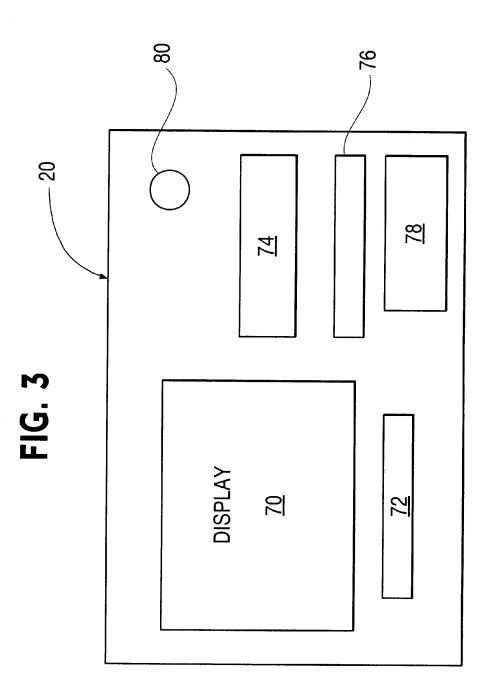
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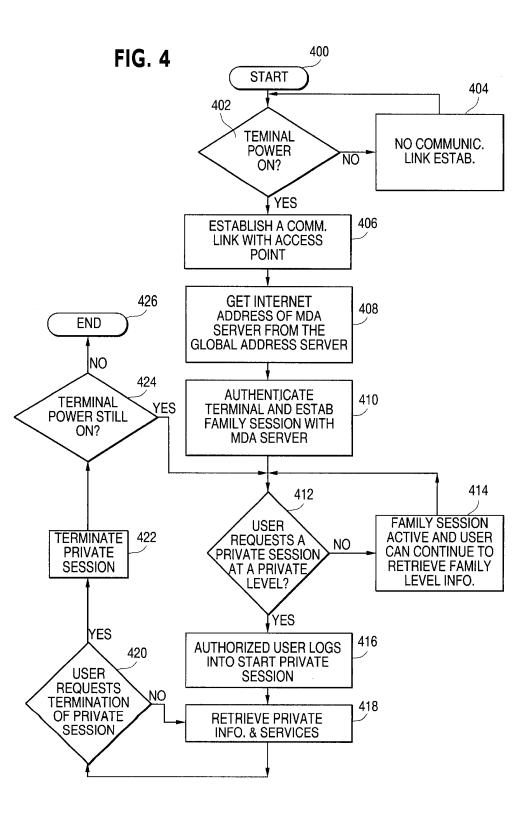
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