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(54) **DISPLAY INPUT DEVICE AND DISPLAY INPUT SYSTEM**

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(52) **U.S. Cl.** **345/104**; 345/173

(58) **Field of Classification Search** .. 178/18.01–20.04; 345/156–184, 104, 901
See application file for complete search history.

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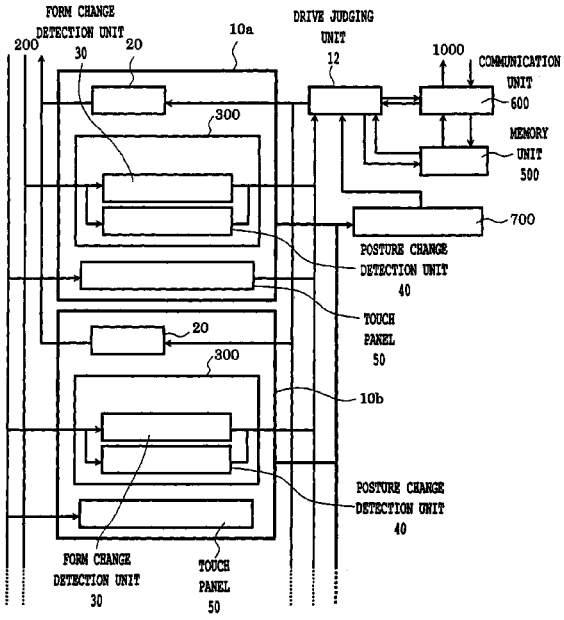
(57) **ABSTRACT**

A display input device comprises a display unit having a flexibility; and a first form change detection unit having a flexibility. The first form change detection unit is able to detect a deformation ascribed to the flexibility as a change in a electrical property. A display input system further comprises a display driving unit that supplies a display signal to the display unit and a signal judging unit that judges a input data based on the change in a electrical property in the first form change detection unit. The input of a first data can be performed by adding the deformation to the display input device.

20 Claims, 41 Drawing Sheets