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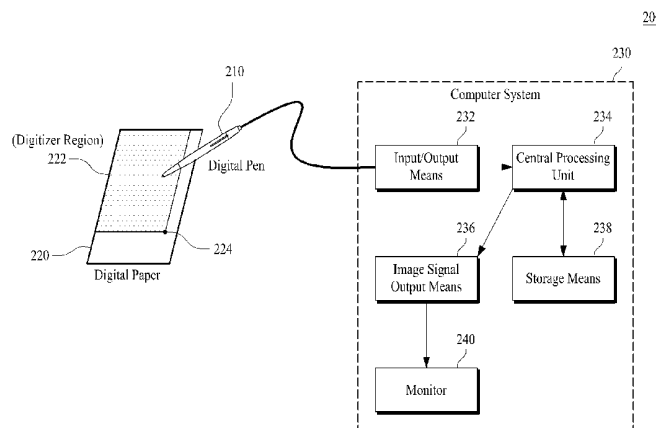
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(54) Title: METHOD AND APPARATUS FOR PROVIDING DIGITIZER FUNCTIONS BY USING DIGITAL PAPER AND PEN

[Fig. 2]



(57) Abstract: Disclosed is a digitizer device using digital paper and a digital pen, as well as a method for providing a digitizer function by using the same. The digitizer device includes digital paper having an absolute position display pattern printed thereon; a recognition means for recognizing the absolute position display pattern on the digital paper; a conversion means for calculating a coordinate value of at least one of an absolute coordinate and a relative coordinate based on binary data held by a unit cell pattern of the absolute position display pattern and converting the coordinate value according to a standard digitizer data format to create a digitizer coordinate value; and an application means for converting the digitizer coordinate value according to a screen ratio value, creating a resultant by a digitizer application, and outputting the resultant. Advantageously, a digitizer function is provided by using a digitizer device using digital paper and a digital pen so that more users are provided with universal digitizer input devices that are easily carried and inexpensive.

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