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(54) **DYNAMIC MODE SWITCHING FOR FAST TOUCH RESPONSE**

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CPC **G06F 3/0416** (2013.01); **G06F 3/044** (2013.01); **G06F 2203/04808** (2013.01)

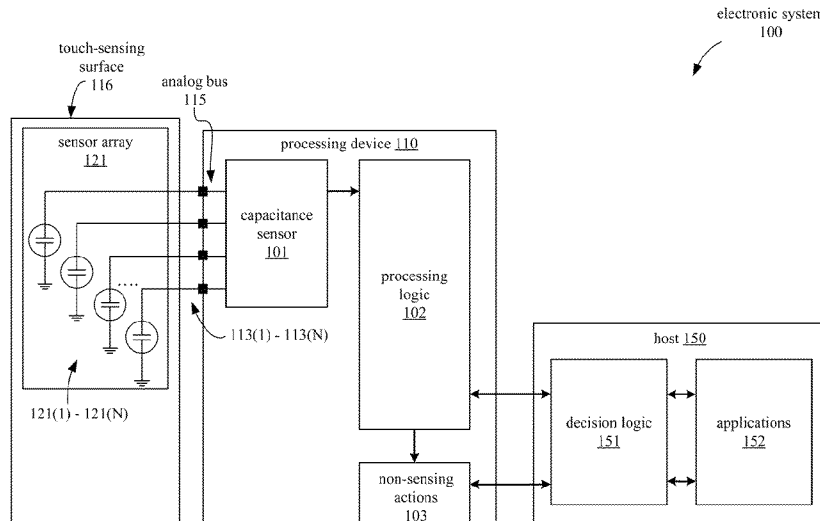
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See application file for complete search history.

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(57) **ABSTRACT**

A method of operating a touch-sensing surface may include determining a presence of at least one conductive object at the touch-sensing surface by performing a search measurement of a first set of sensor elements of the touch-sensing surface, and in response to determining the presence of the at least one conductive object, determining a location of the at least one conductive object by performing a tracking measurement of a second set of sensor elements of the touch-sensing surface.

29 Claims, 8 Drawing Sheets



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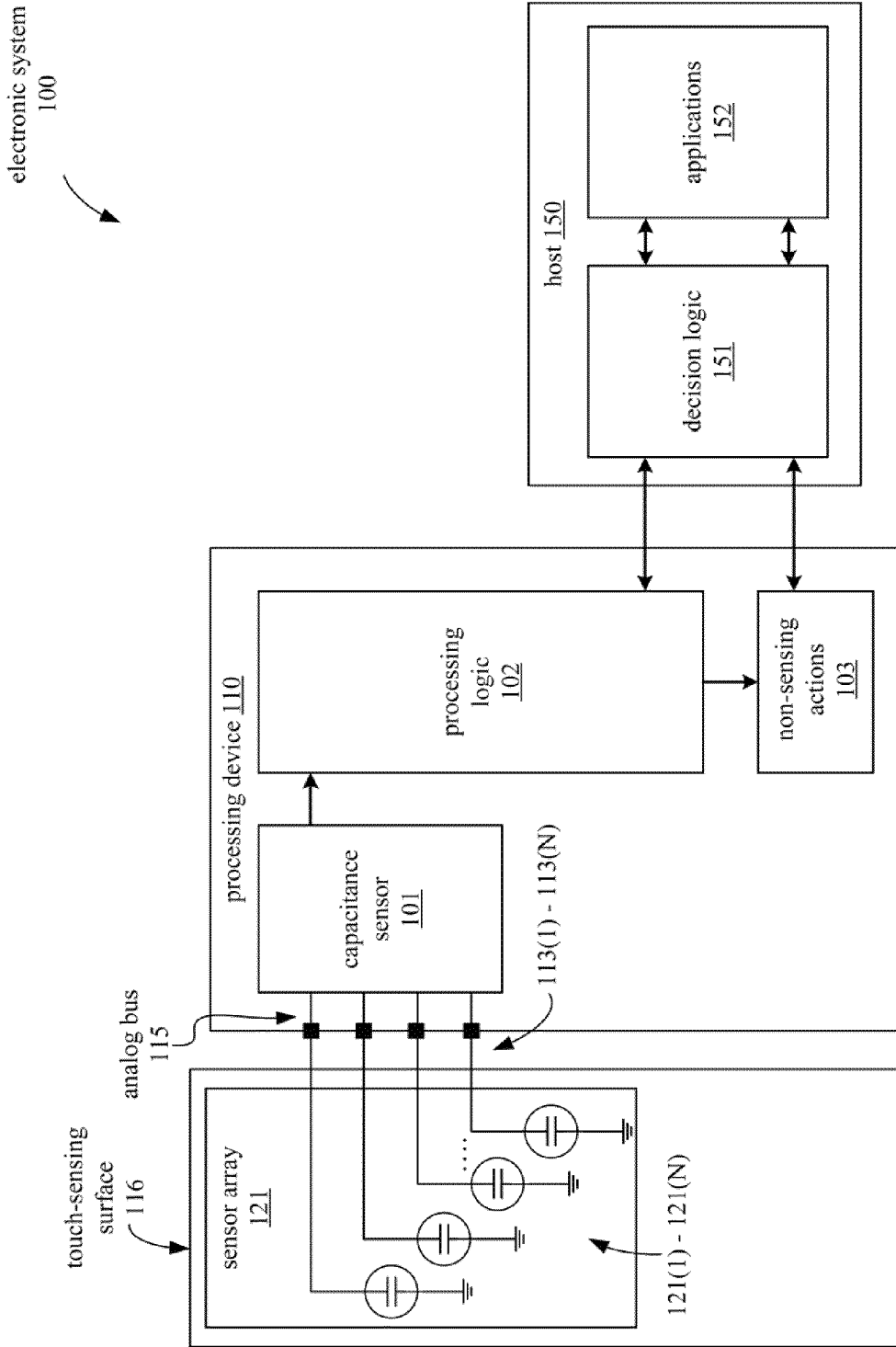


FIGURE 1

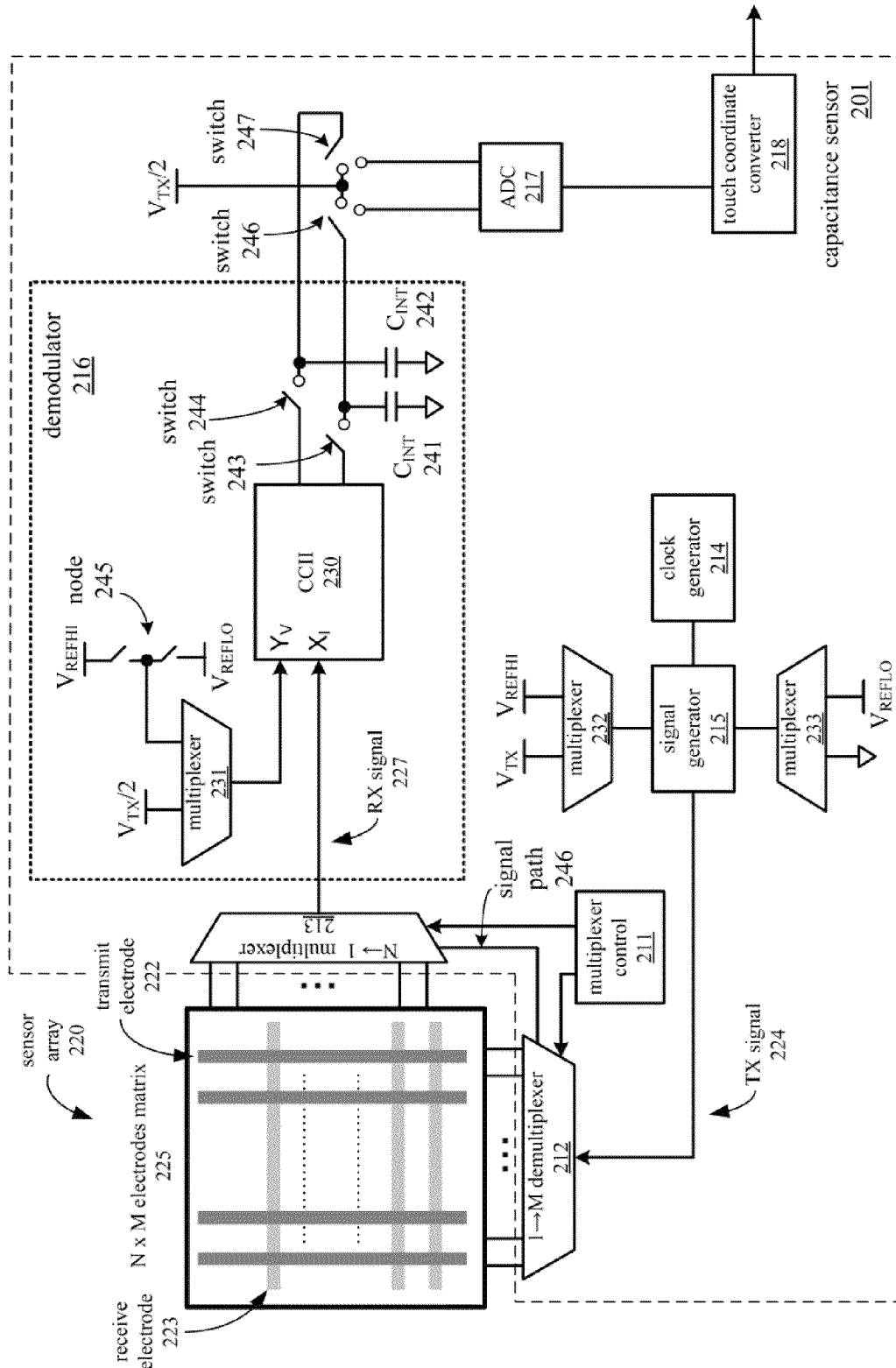


FIGURE 2

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