

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.
Petitioner

v.

UUSI, LLC d/b/a NARTRON
Patent Owner

Case IPR2016-00908
Patent No. 5,796,183

PATENT OWNER RESPONSE

Before THOMAS L. GIANNETTI, CARL M. DEFRANCO, and
KAMRAN JIVANI, *Administrative Patent Judges*.

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	selectively providing signal output frequencies to a plurality of small sized input touch terminals of a keypad	34
3.	Claim Element 40(c): plurality of small sized input touch terminals/closely spaced array of small sized input touch terminals	39
4.	Claim Element 40(d): a detector circuit coupled to said oscillator for receiving said periodic output signal from said oscillator, and coupled to said input touch terminals, said detector circuit being responsive to signals from said oscillator via said microcontroller and a presence of an operator’s body capacitance to ground coupled to said touch terminals when proximal or touched by the operator to provide a control output signal	41
5.	Claim Element 40(e): wherein said predefined frequency of said oscillator and said signal output frequencies are selected to decrease a first impedance of said dielectric substrate relative to a second impedance of any contaminate . . . and wherein said detector circuit compares a sensed body capacitance change to ground proximate an input touch terminal to a threshold level to prevent inadvertent generation of the control output signal	45
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