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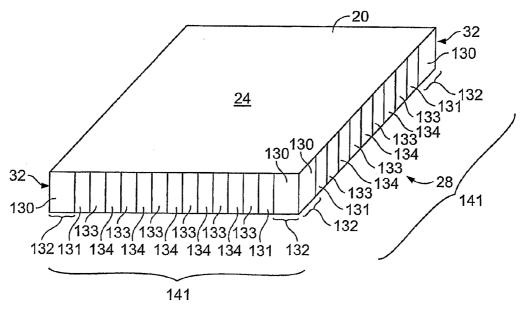
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(54) Title: ACOUSTIC TOUCH SENSOR



(57) Abstract: A touch sensor comprises a substrate capable of propagating acoustic waves. The substrate includes a first surface having a touch sensitive region. In one embodiment, the substrate includes a first sidewall intersecting the first surface at a first edge. A transmitter is provided on the first sidewall of the substrate. The transmitter generates acoustic waves that propagate directly from the first sidewall through at least a portion of the touch sensitive region. In another embodiment, a transducer is formed on the substrate. The transducer comprises a piezoelectric element which is thermally cured after being formed on the substrate. The transducer is configured for at least one of generating acoustic waves and detecting acoustic waves. Alternatively, the transducer may include a strip comprising the piezoelectric element.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT							
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