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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) Title: POSITIONAL TOUCH SENSOR WITH FORCE MEASUREMENT

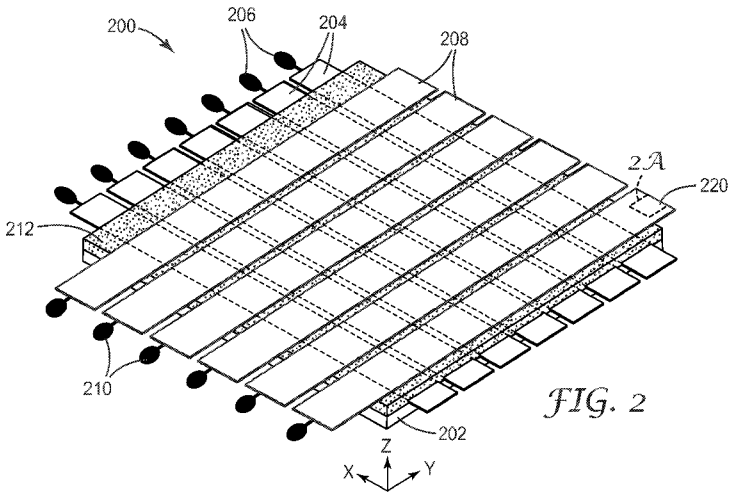

FIG. 2

(57) Abstract: A touch screen display sensor is provided that includes a transparent touch-sensing element disposed upon the surface of a transparent substrate and a force-sensing element disposed within the transparent touch-sensing element. The force-sensing element includes two sets of bands of micromesh and can include a pressure-responsive material between the bands of micromesh. The bands of micromesh include traces of a metallic conductor. The sets of bands of micromesh are spaced apart and occupy substantially parallel planes.

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