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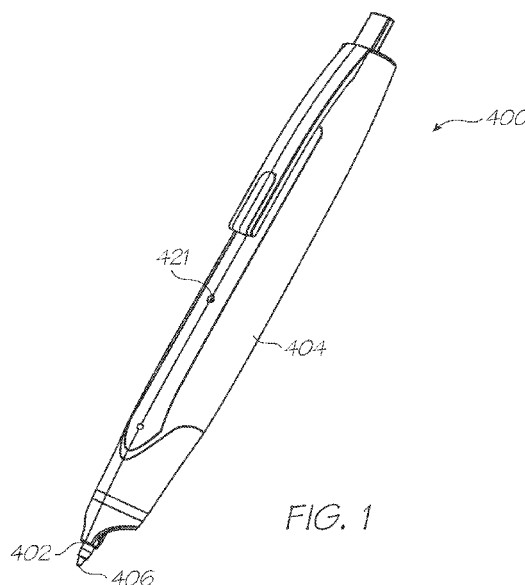
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(54) Title: ELECTRONIC PEN WITH RETRACTABLE NIB AND FORCE SENSOR



(57) Abstract: An electronic pen having a retractable nib for interacting with a surface. The pen comprises a slidably movable cartridge having a nib for contacting the surface, a retraction mechanism for retracting the cartridge, an actuator coupled to the retraction mechanism, a force sensor providing a reaction to an axial force transmitted from the cartridge, and a processor configured for generating force data indicative of a force detected by the force sensor. The retraction mechanism comprises a barrel for receiving the cartridge, which is adapted for seating the cartridge in either an extended position or a retracted position, whereby the axial force from the cartridge is transmitted to the barrel in the extended position. A biasing mechanism biases the cartridge towards the extended or retracted positions.

