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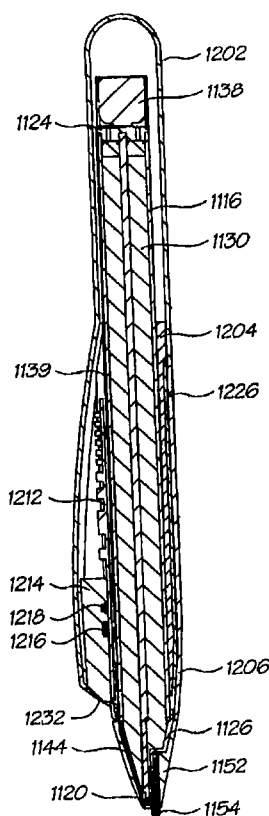
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(54) Title: ELECTRONICALLY CONTROLLABLE PEN WITH CODE SENSOR



(57) Abstract: A pen including a marking device (1120) such as an ink jet head, the pen being operative to mark a visible path onto a surface, the marking device being electronically controllable to change an attribute of the path such as colour or line thickness. The pen includes a user interface such as buttons or a slider and a display whereby a user may modify the attribute. A sensor (1214) is capable of sensing images including coded data. The data may relate to e.g. a colour of the to be selected and can be stored in a memory of the pen. The data may be used to calculate position and speed of the pen to identify the text written and writing speed. Alternatively an additional sensor detects position and speed or colour.

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