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(57) Abstract :

A handwriting assistance and correction device, comprising an elongated body 101, a proximal end to be gripped by a user during writing, an electronically controller spout 104 to dispense the solvent over the ink to dissolve the ink, a rotary encoder to confirm correct positioning of a selected ink container 107 with respect to the central ink feed channel 108, a mechanical clutch 109 and ink isolation chamber to ensure engagement of only one ink container 107 at a time to prevent ink mixing or backflow, a guidance platform 110 to selectively deploy and retract to provide visual writing guidance including letter outlines, stroke paths, alignment cues, and directional indicators to assist the user during handwriting, and a thin rectangular display surface 114 equipped with LEDs 115 to display dotted letter outlines, stroke starting points, and directional arrows.

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