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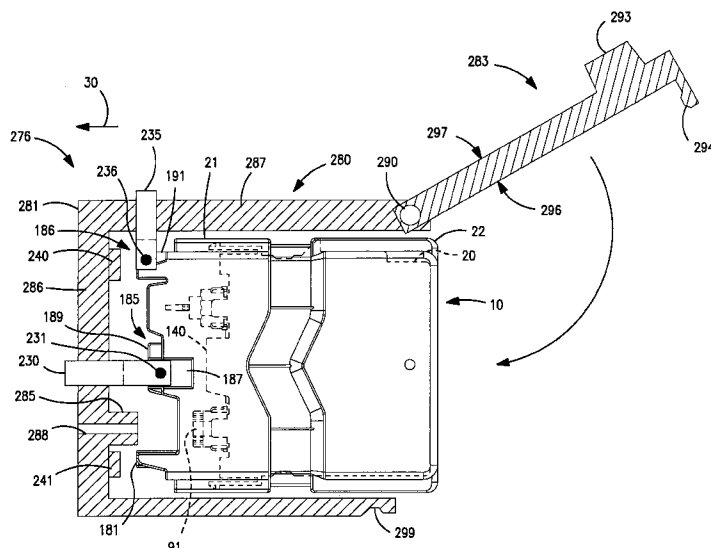


FIG. 13

(57) Abstract: An ink cartridge includes a first signal blocking portion configured to selectively prevent a first signal from passing therethrough or to alter a path of the first signal. The ink cartridge also includes a second signal blocking portion configured to selectively prevent a second signal from passing therethrough or to alter a path of the second signal. The second signal blocking portion has a thickness determinative of whether the second signal blocking portion prevents the second signal from passing therethrough or alters the path of the second signal at a time that the first signal blocking portion initially prevents the first signal from passing therethrough or alters the path of the first signal.

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