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(54) Title: TEMPERATURE CALIBRATION METHODS AND DEVICES FOR USE IN AUTOMATED BIOREACTORS

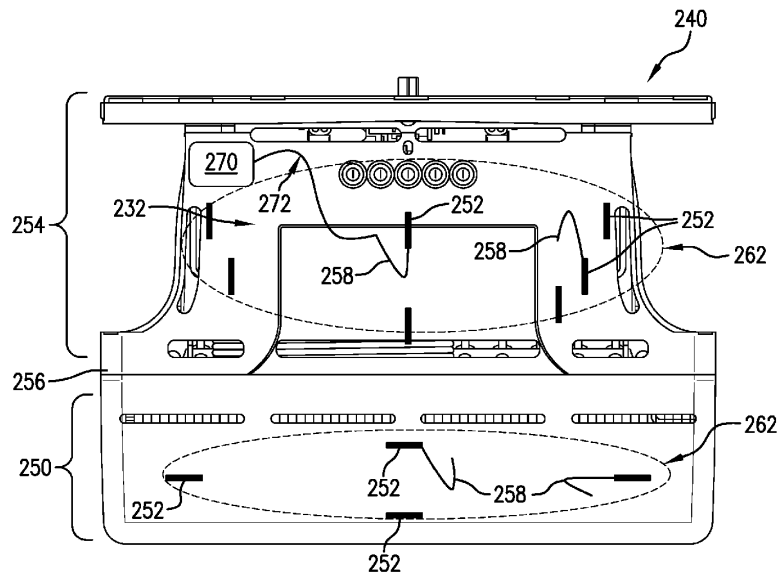


FIG. 2B

(57) Abstract: The present disclosure provides devices and associated methods for temperature monitoring and control in automated biological material engineering systems, including cell engineering systems. The devices and methods utilize measurement of internal temperatures in an automated system to map temperatures during the various processes carried out in the systems.

[Continued on next page]

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