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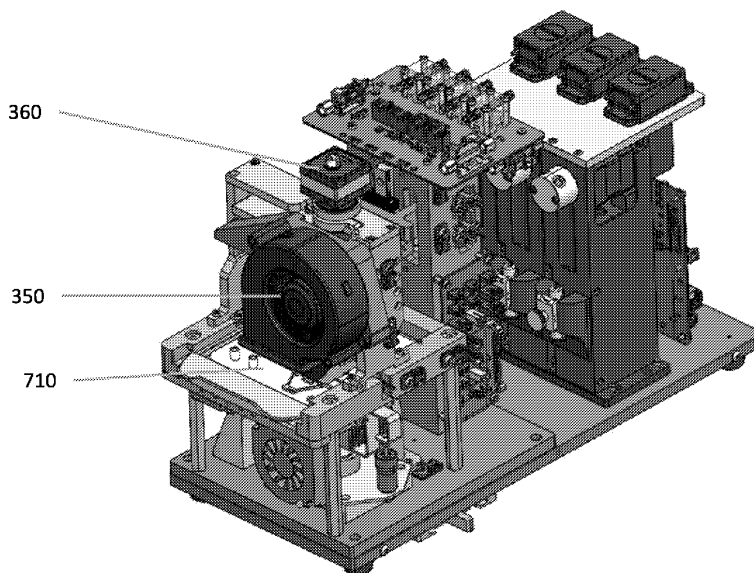
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(54) Title: SYSTEM AND METHOD FOR THIN LAYER CHROMATOGRAPHY

FIG. 9



(57) Abstract: Provided herein are systems, articles and methods for automatically performing thin layer chromatography. The methods comprise automatically extracting an analyte from a sample in a cartridge comprising a fluidic chip and phase transfer assembly, automatically depositing the analyte on a thin-layer chromatography plate and developing the plate, and automatically detecting the analyte on the developed plate.

[Continued on next page]

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