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Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

- (54) **Title:** CARTRIDGES AND DEVICES FOR USE IN A SYSTEM FOR DELIVERY OF A PAYLOAD INTO A CELL

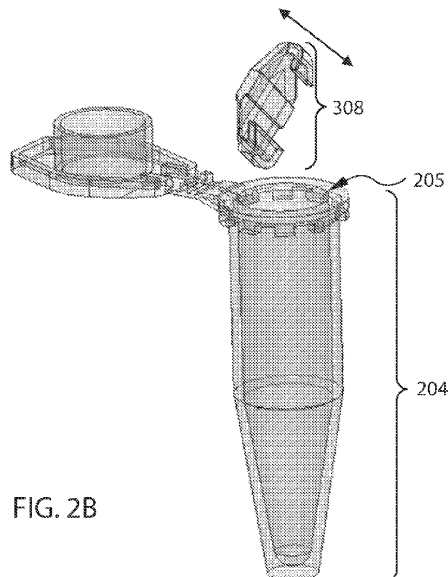


FIG. 2B

(57) **Abstract:** A device for facilitating delivery of a payload to cells of a cell suspension includes a container and a cartridge configured to connect to an opening of the container when in an assembled position with respect to the container. The cartridge includes an input reservoir configured to receive a cell suspension. The cartridge includes a receiving portion configured to receive a constriction-containing element, wherein the constriction-containing element includes a constriction configured to perturb membranes of cells of the cell suspension to facilitate delivery of a payload to the cells, wherein the receiving portion is fluidly connected to the input reservoir to allow flow of the cell suspension from the input reservoir to the receiving portion, and wherein the receiving portion is fluidly connected to a cartridge outlet port to allow flow of the cell suspension from the receiving portion into an interior cavity of the container.

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