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(54) Title: MICROFLUIDIC METERING OF FLUIDS

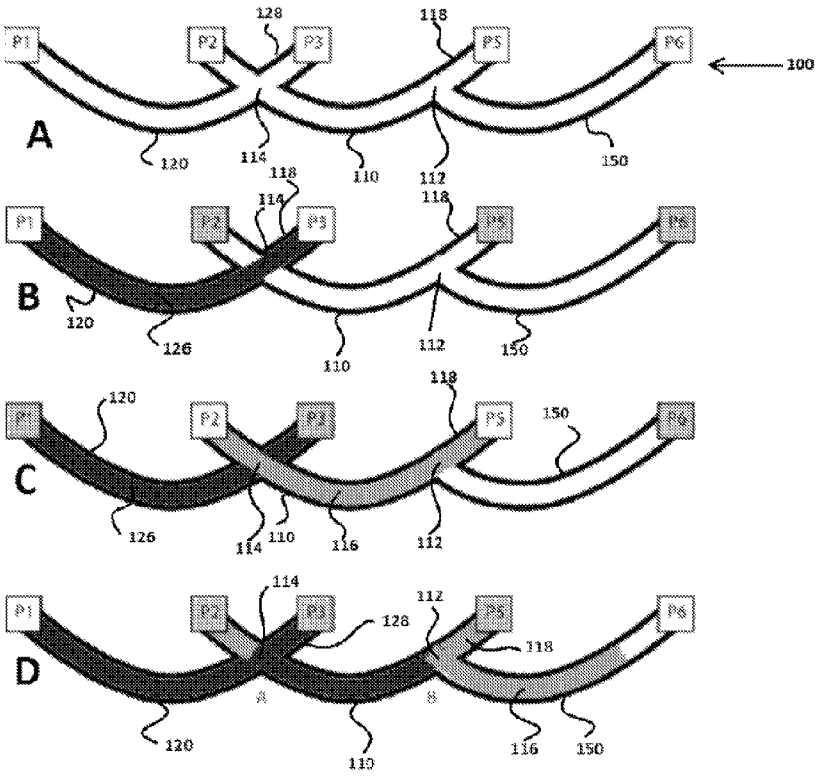

FIG. 1A-1D

(57) Abstract: This document provides methods and devices for metering fluids. In some cases, the methods and devices include intersecting channels that include capillary-stop geometries at each intersection point that guides the fluids on a desired path, which is controlled by the opening and closing of valves. For example, a metering channel can intersect a loading channel and intersect an outflow channel and a metering portion can be defined by the geometry of the metering channel between the intersection points.

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