

ABSTRACT**FLUID DISPENSING AND DROP-ON-DEMAND DISPENSING FOR NANO-SCALE
MANUFACTURING**

The present invention is directed to a method for dispensing a total volume of liquid on a substrate, the method including, *inter alia*, disposing a plurality of spaced-apart droplets on a region of the substrate, each having an unit volume associated therewith, with an aggregate volume of the droplets in the region being a function of a volume of a pattern to be formed thereat.

Figure 7.