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(54) **INK DROPLET VOLUME MEASURING APPARATUS AND INK DROPLET VOLUME MEASURING METHOD USING THE SAME, AND THIN FILM LAYER FORMING APPARATUS USING THE MEASURING APPARATUS, AND MANUFACTURING METHOD OF DISPLAY APPARATUS USING THE THIN FILM LAYER FORMING APPARATUS**

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(57)

**ABSTRACT**

An ink droplet volume measuring apparatus including: a substrate on which an ink droplet is dropped; a chromatic confocal sensor irradiating light having a plurality of wavelengths to the ink droplet dropped on the substrate and scanning the ink droplet; and a controller calculating a three-dimensional shape of the ink droplet from a signal scanned by the chromatic confocal sensor.

