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(54) **METHOD AND APPARATUS FOR LASER IMPULSE SAMPLE DEPOSITION**

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(57) **ABSTRACT**

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A sample material, such as a liquid including genomic or proteomic materials, may be deposited on a work surface based on illumination of a sample transfer device by an illumination beam. Illumination of the sample transfer device may cause a portion of the sample transfer device to move and thereby cause separation of a portion of the sample material from the sample transfer device and deposition on a work surface. Illumination may cause an energy transfer from the beam to the sample material to thereby cause deposition of the sample material.

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