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(54) **MANIPULATION OF MICROFLUIDIC DROPLETS**

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USPC **137/487.5**; 137/826; 516/54; 436/53

(58) **Field of Classification Search**
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See application file for complete search history.

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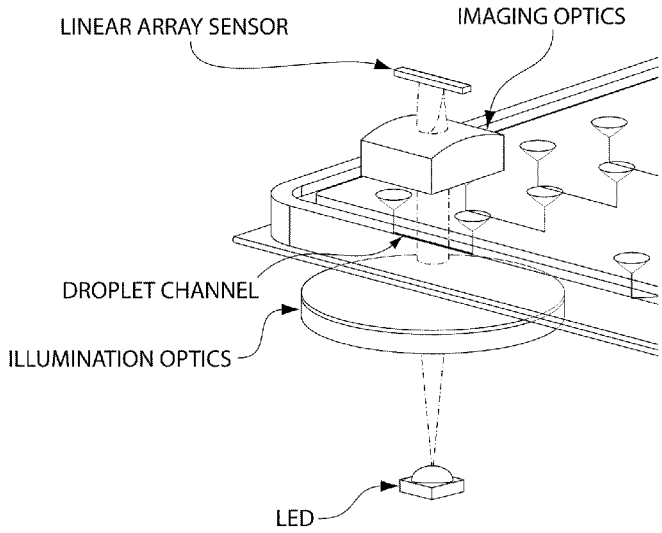
(57) **ABSTRACT**

The invention provides methods for assessing one or more predetermined characteristics or properties of a microfluidic droplet within a microfluidic channel, and regulating one or more fluid flow rates within that channel to selectively alter the predetermined microdroplet characteristic or property using a feedback control.

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