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(54) Title: LIGHT DETECTING SYSTEM AND LIGHT DETECTING METHOD FOR FLOW CYTOMETER

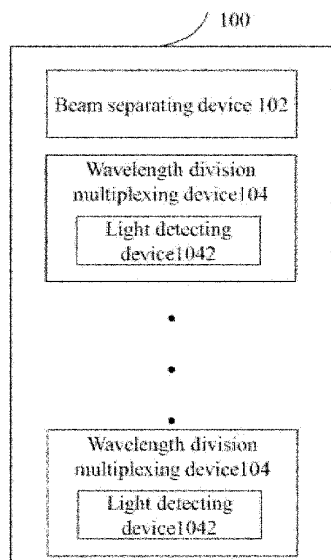


Figure 1

(57) Abstract: A light detecting system and a light detecting method for a flow cytometer are provided. The light detecting system includes a beam separating device and multiple wavelength division multiplexing devices. The beam separating device is configured to separate a beam to be processed by the flow cytometer into multiple first beams having respective wavelength ranges that either do not overlap with each other or partially overlap with each other. Each of the multiple wavelength division multiplexing devices is configured to receive a respective one of the multiple first beams. The multiple first beams are parallel to each other when received by the multiple wavelength division multiplexing devices. Each of the multiple wavelength division multiplexing devices includes multiple light detecting devices being configured to detect a portion of the respective first beam.

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