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(56) Documents Cited:
US 8575541 B1 US 8519325 B1
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(54) Title of the Invention: **Optical computing devices comprising broadband angle-selective filters**
Abstract Title: **Optical computing devices comprising broadband angle-selective filters**

(57) Optical computing devices including an electromagnetic radiation source to emit electromagnetic radiation into an optical train; an integrated computational element (ICE) located in the optical train before or after a sample located in the optical train to generate modified electromagnetic radiation in the optical train; a broadband angle-selective filter (BASF) located in the optical train to transmit the electromagnetic radiation and/or the modified electromagnetic radiation in the optical train at a target incident angle, thereby generating angle selected-modified electromagnetic radiation (ASMR), and to reflect one or more stray radiation reflections at angles that are not coincident with the target incident angle; and a detector to receive the ASMR and to generate an output signal corresponding to a characteristic of the sample.

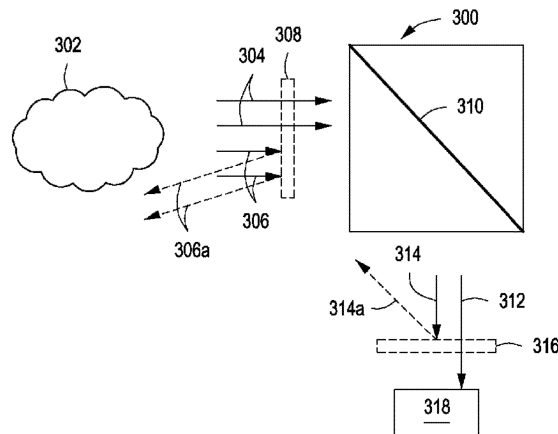


FIG. 3A