

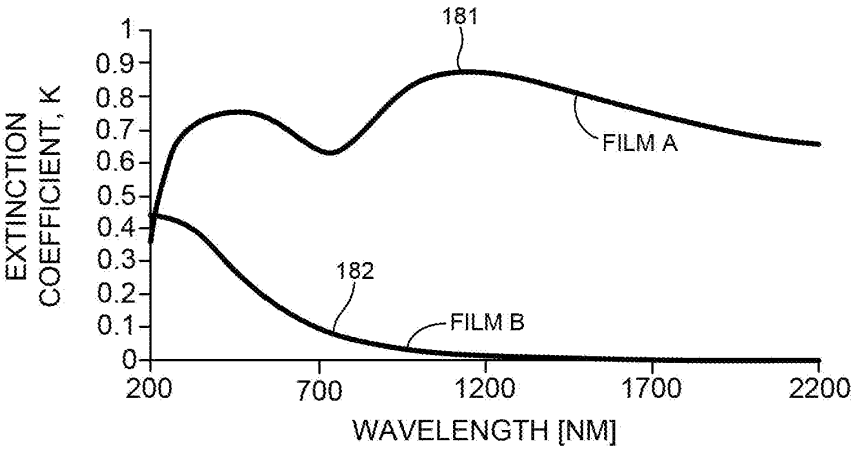


FIG. 1

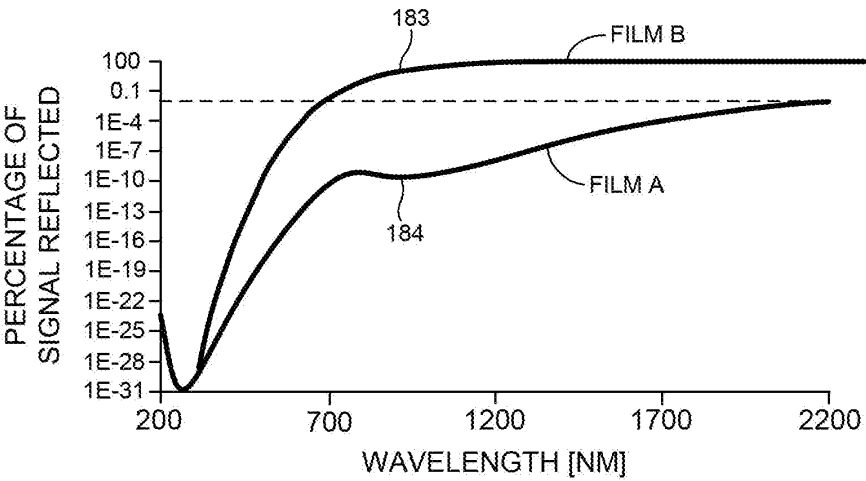


FIG. 2

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PREDICTED 3-SIGMA MEASUREMENT  
PRECISION [ANGSTROMS]

|    | ILLUMINATION<br>WAVELENGTHS | a-CARBON FILM<br>15,000 ANGSTROM<br>THICKNESS | a-CARBON FILM<br>20,000 ANGSTROM<br>THICKNESS |
|----|-----------------------------|-----------------------------------------------|-----------------------------------------------|
| SE | 950-2200 NM                 | 74 (0.5%)                                     | 500 (2.5%)                                    |
|    | 950-2500 NM                 | 65 (0.45%)                                    | 450 (2.25%)                                   |
| SR | 950-2200 NM                 | 27 (0.2%)                                     | 149.4 (0.75%)                                 |
|    | 950-2500 NM                 | 18 (0.15%)                                    | 72 (0.35%)                                    |

FIG. 3

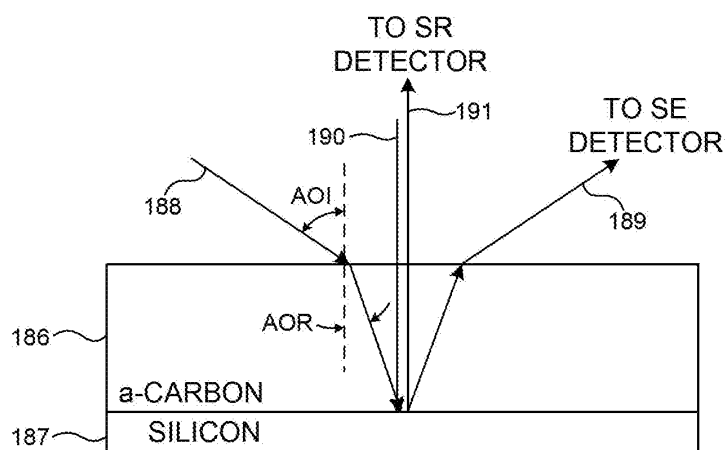


FIG. 4

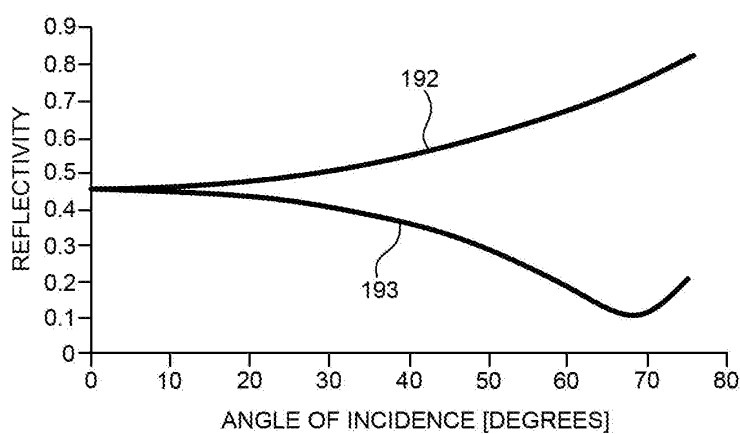


FIG. 5

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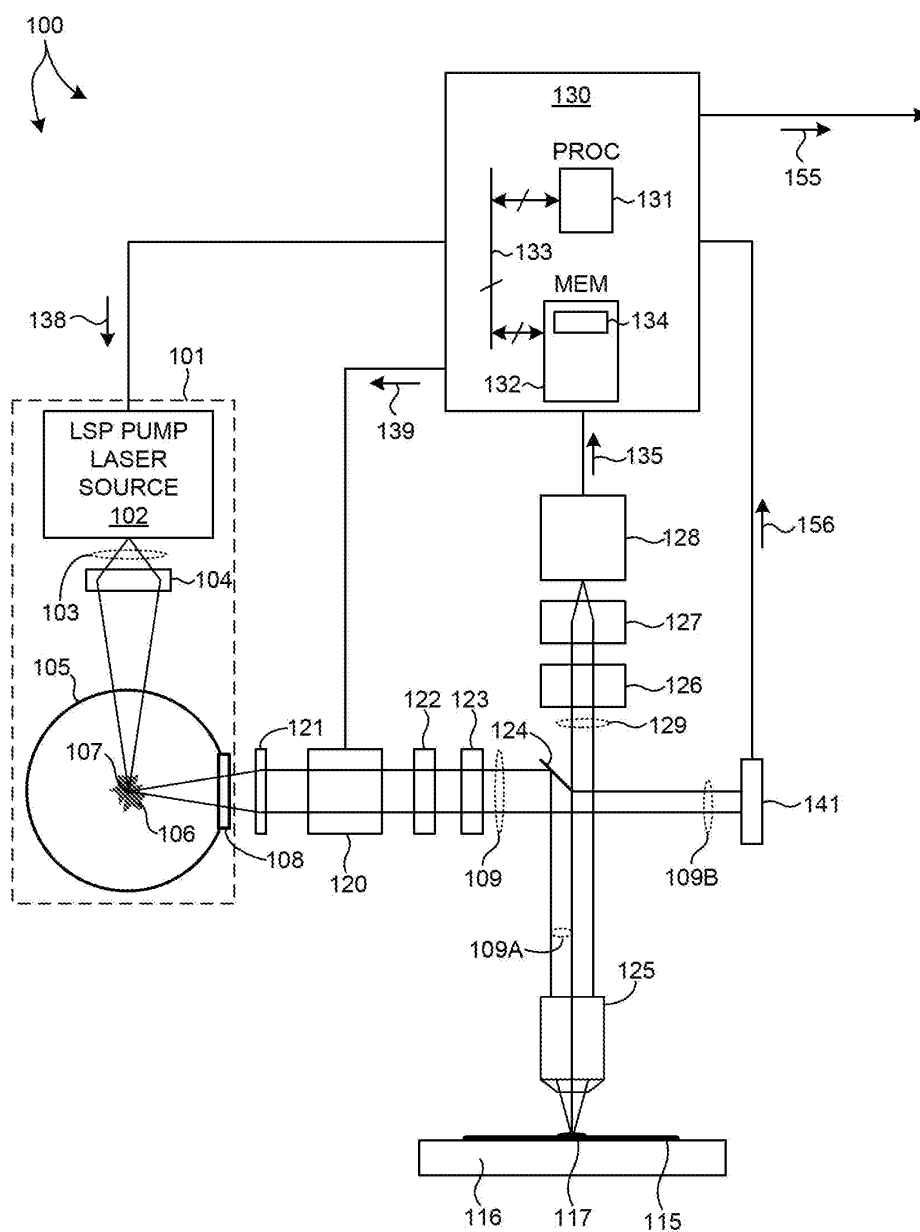


FIG. 6

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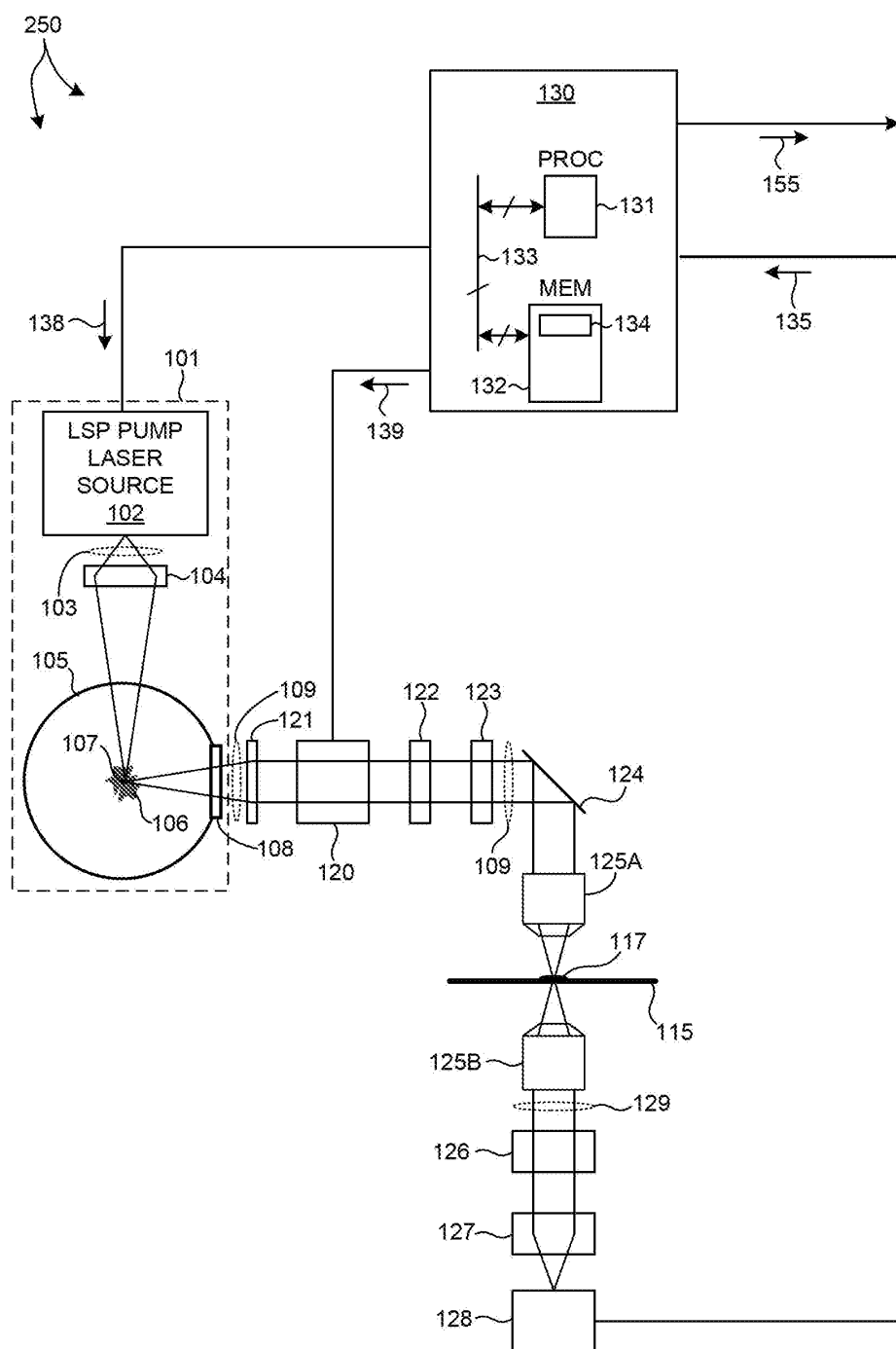


FIG. 7

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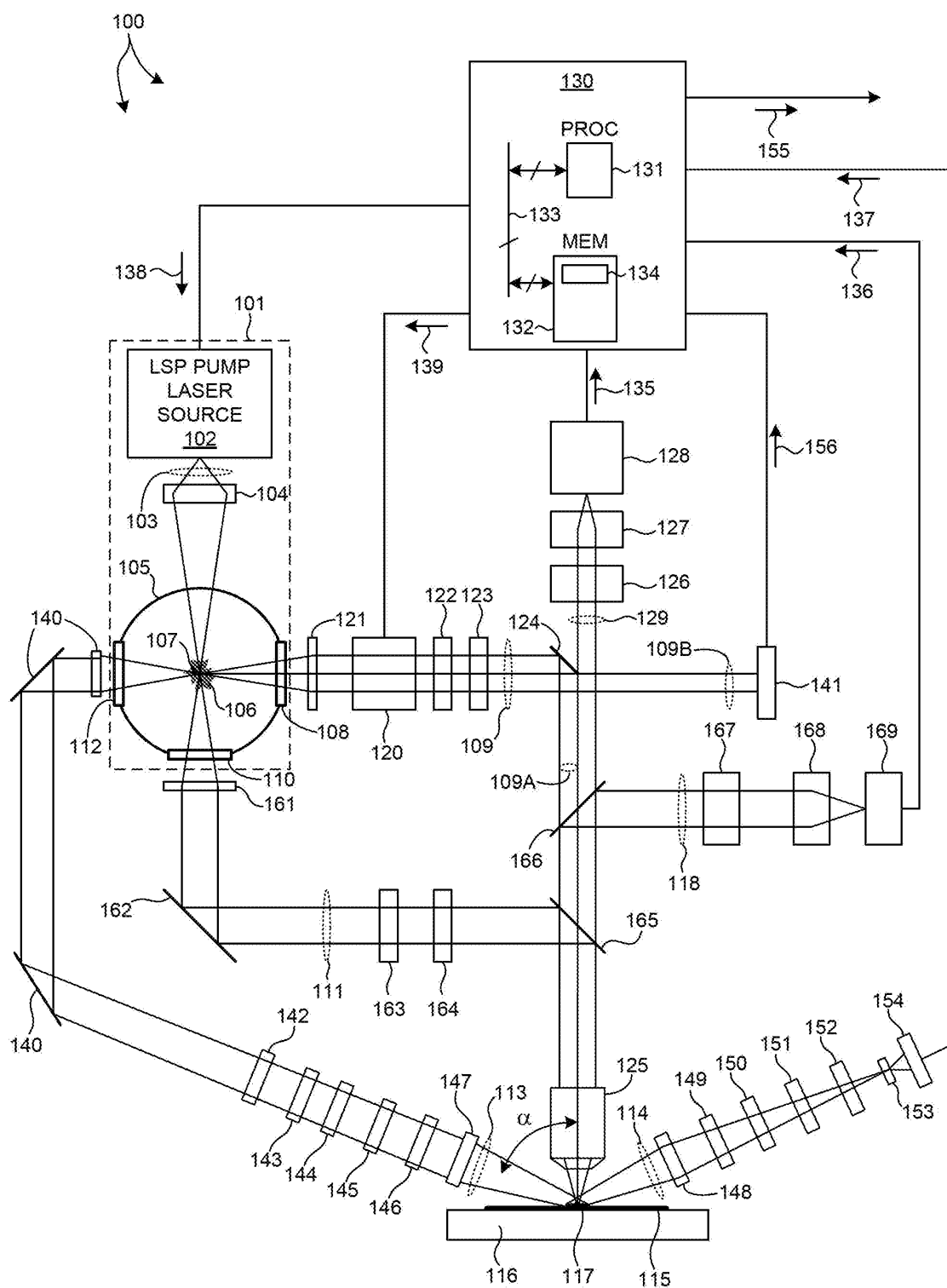


FIG. 8

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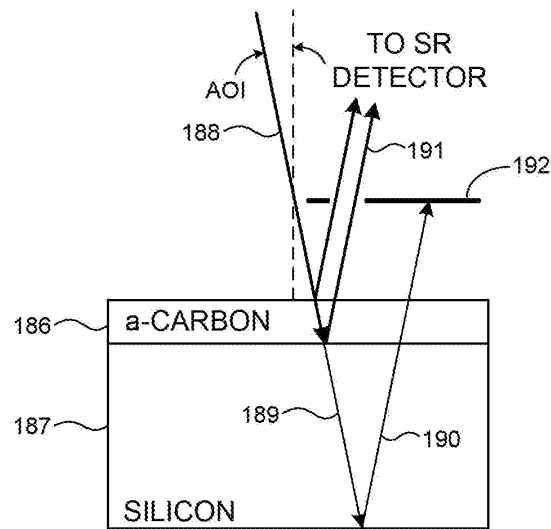


FIG. 9

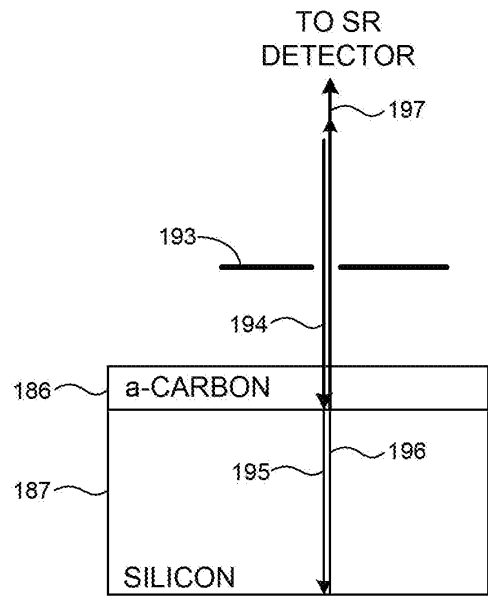


FIG. 10

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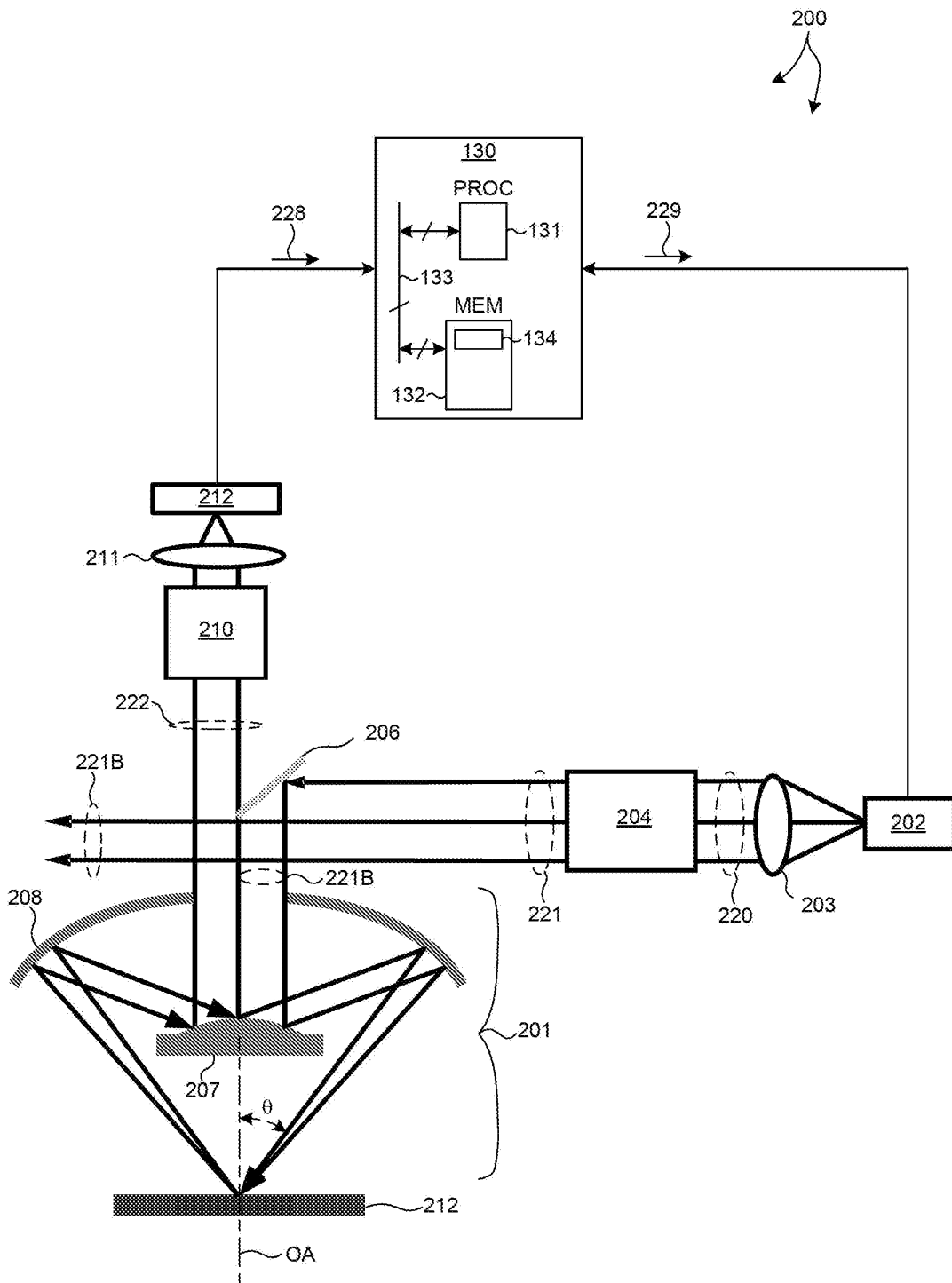


FIG. 11

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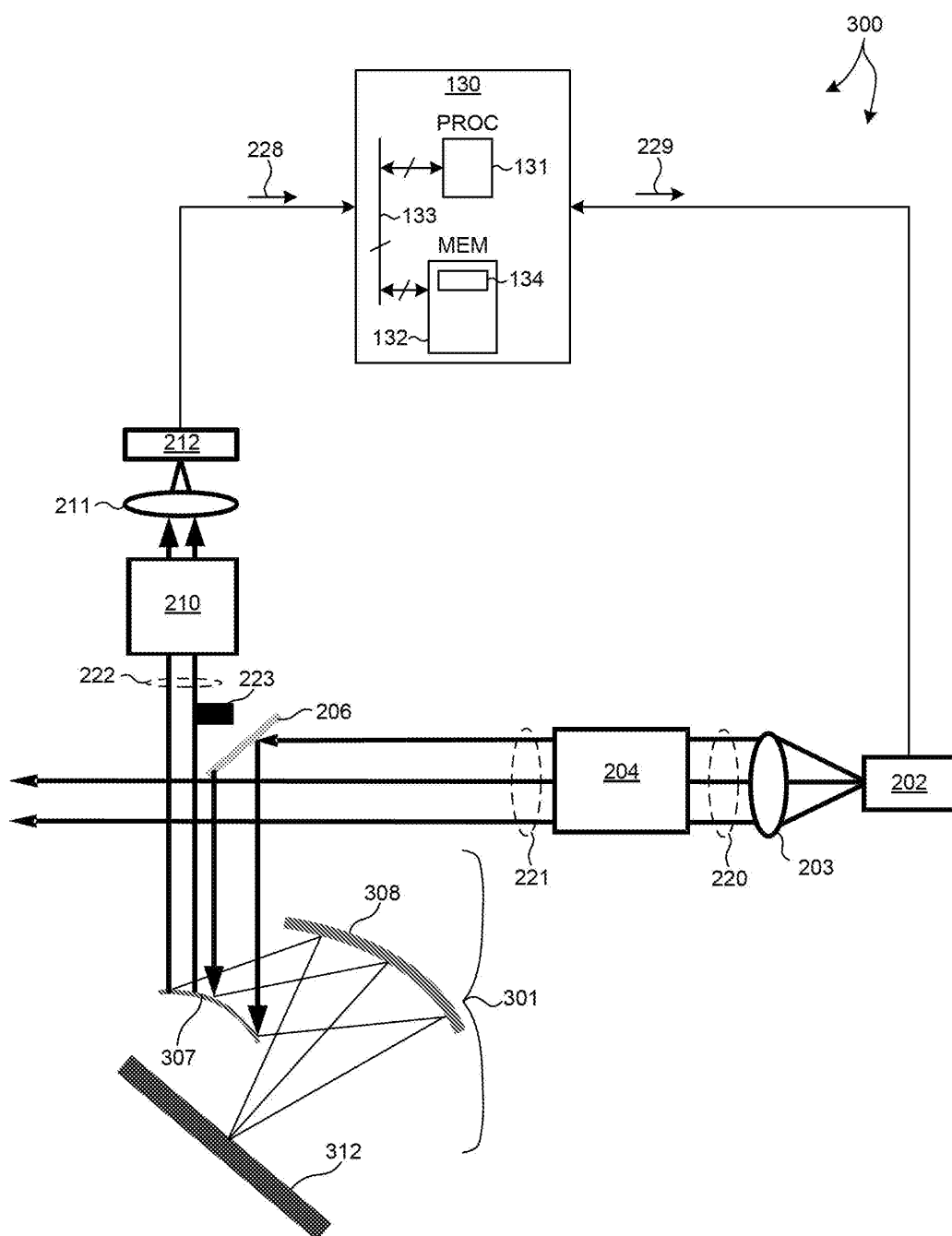


FIG. 12

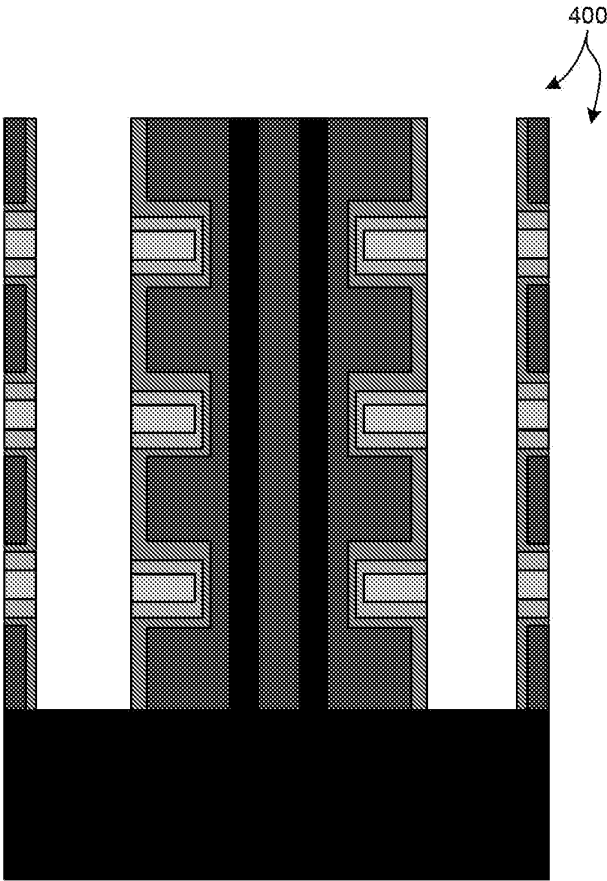


FIG. 13

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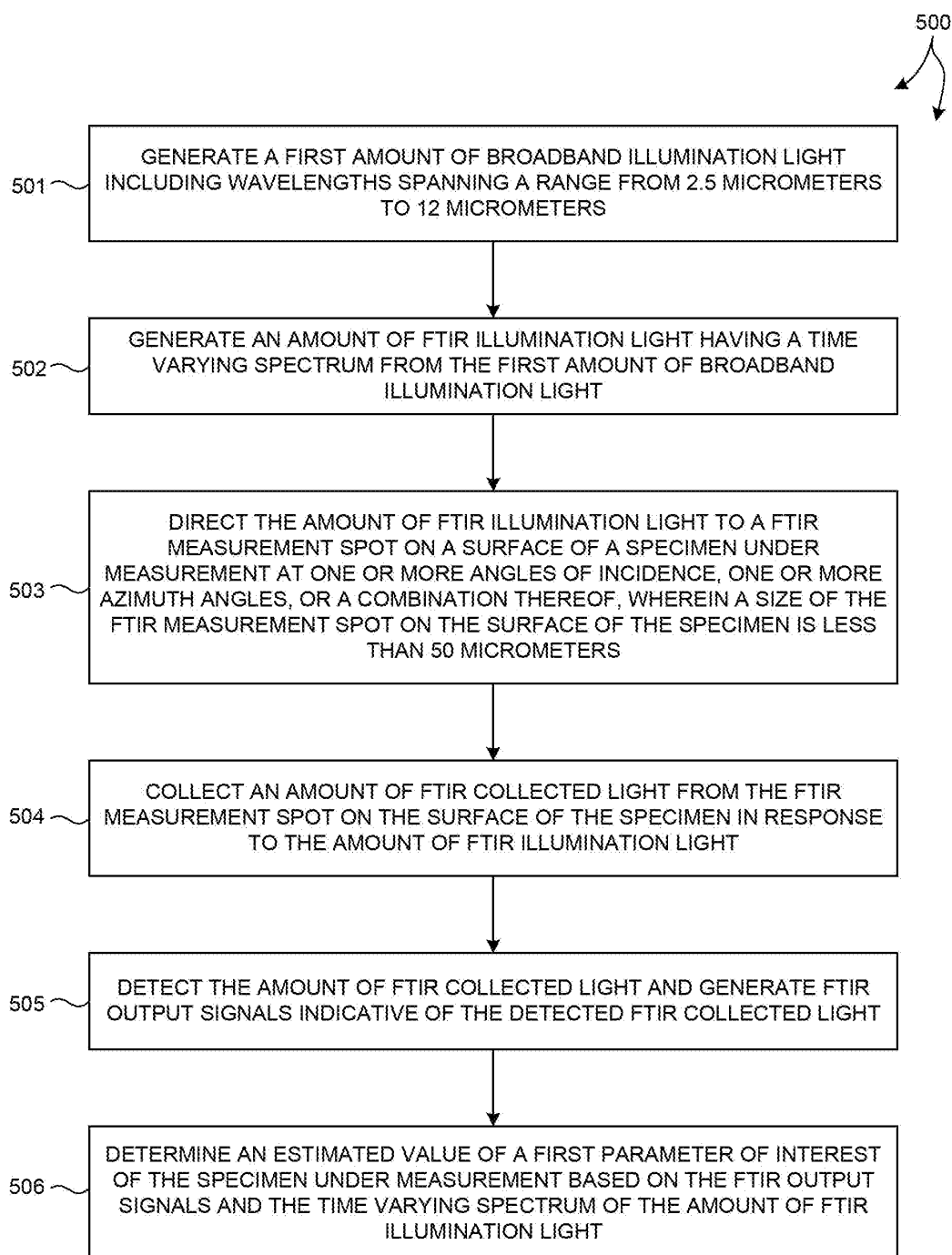


FIG. 14