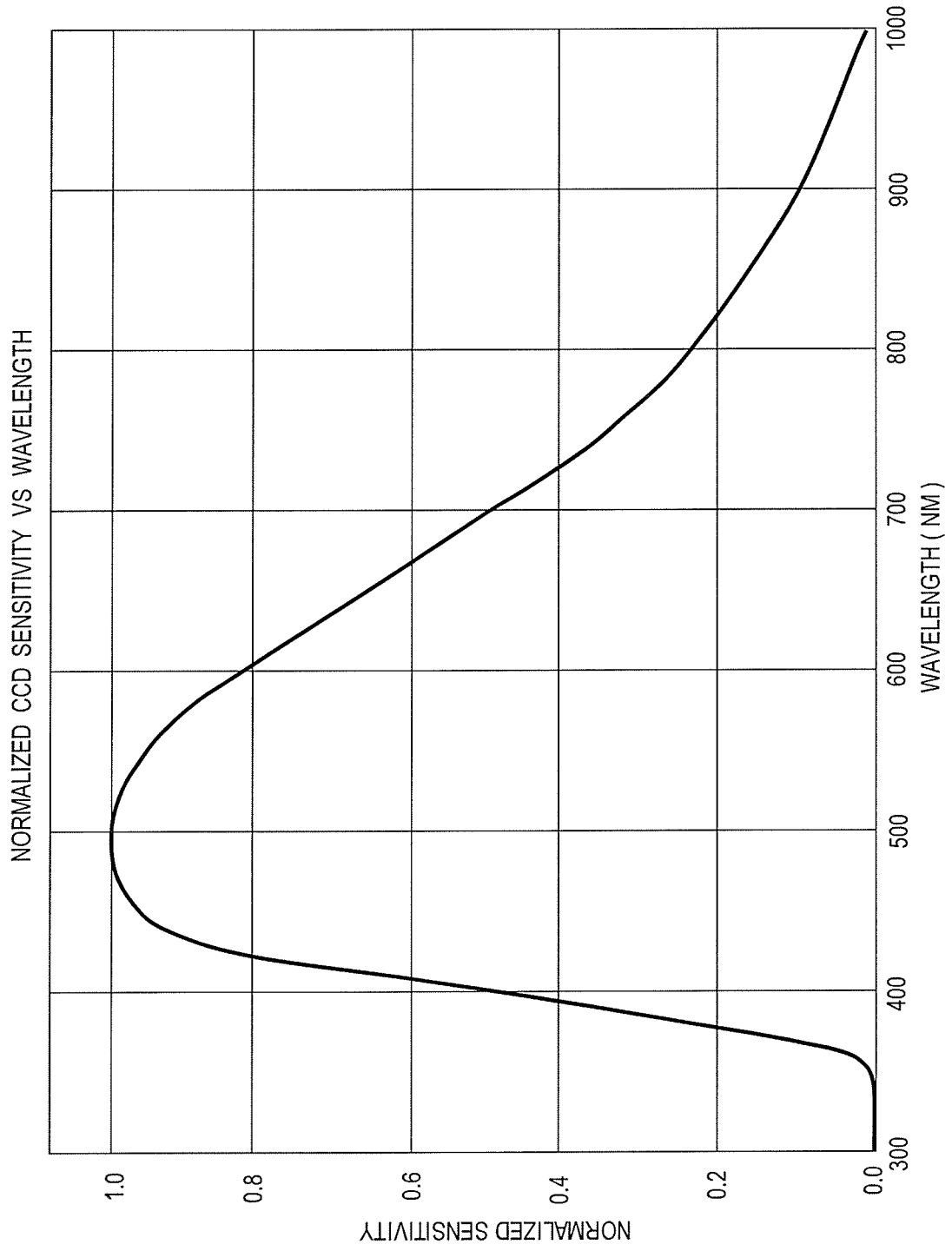
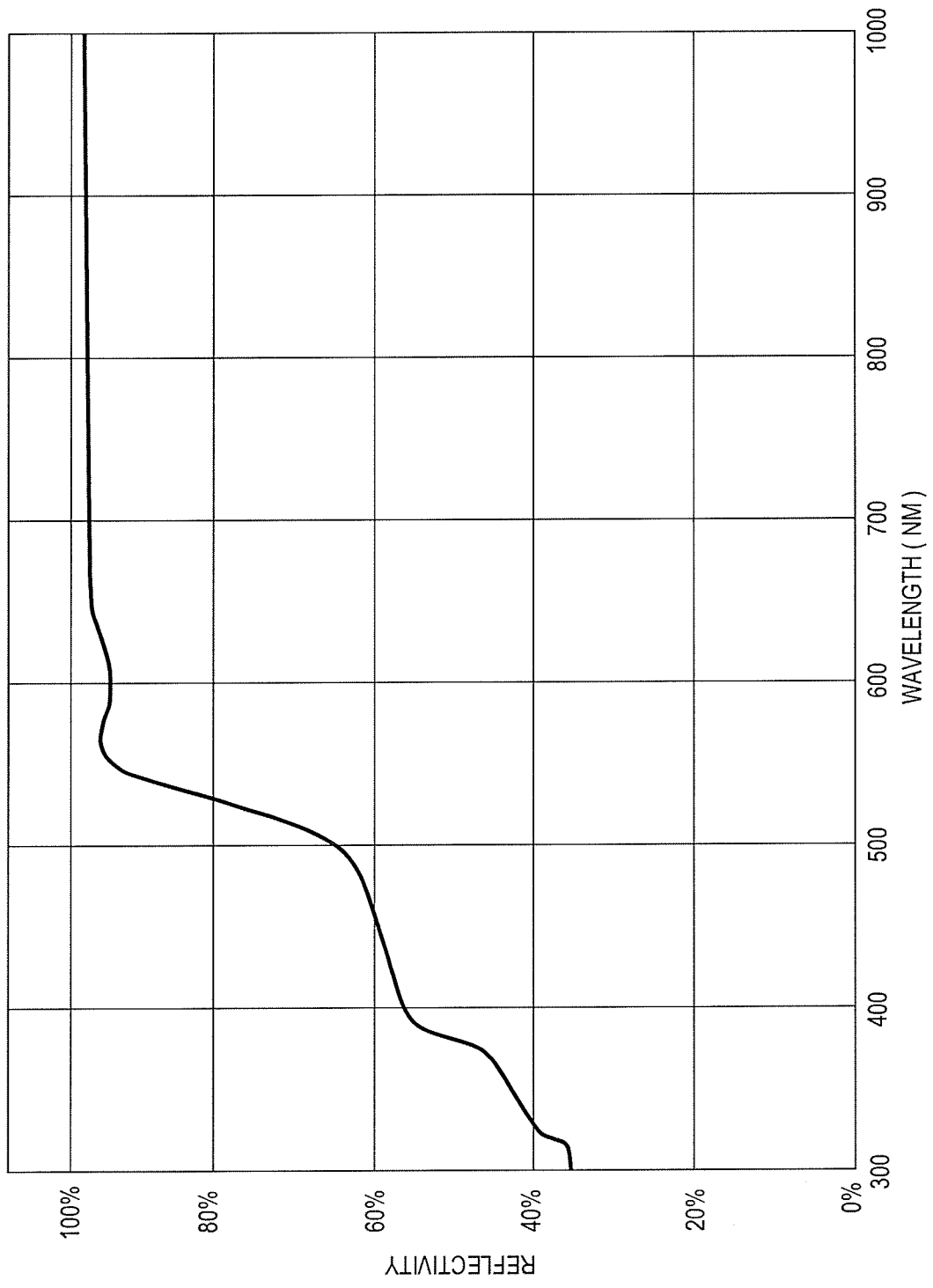


**FIG. 1**

**FIG. 2**

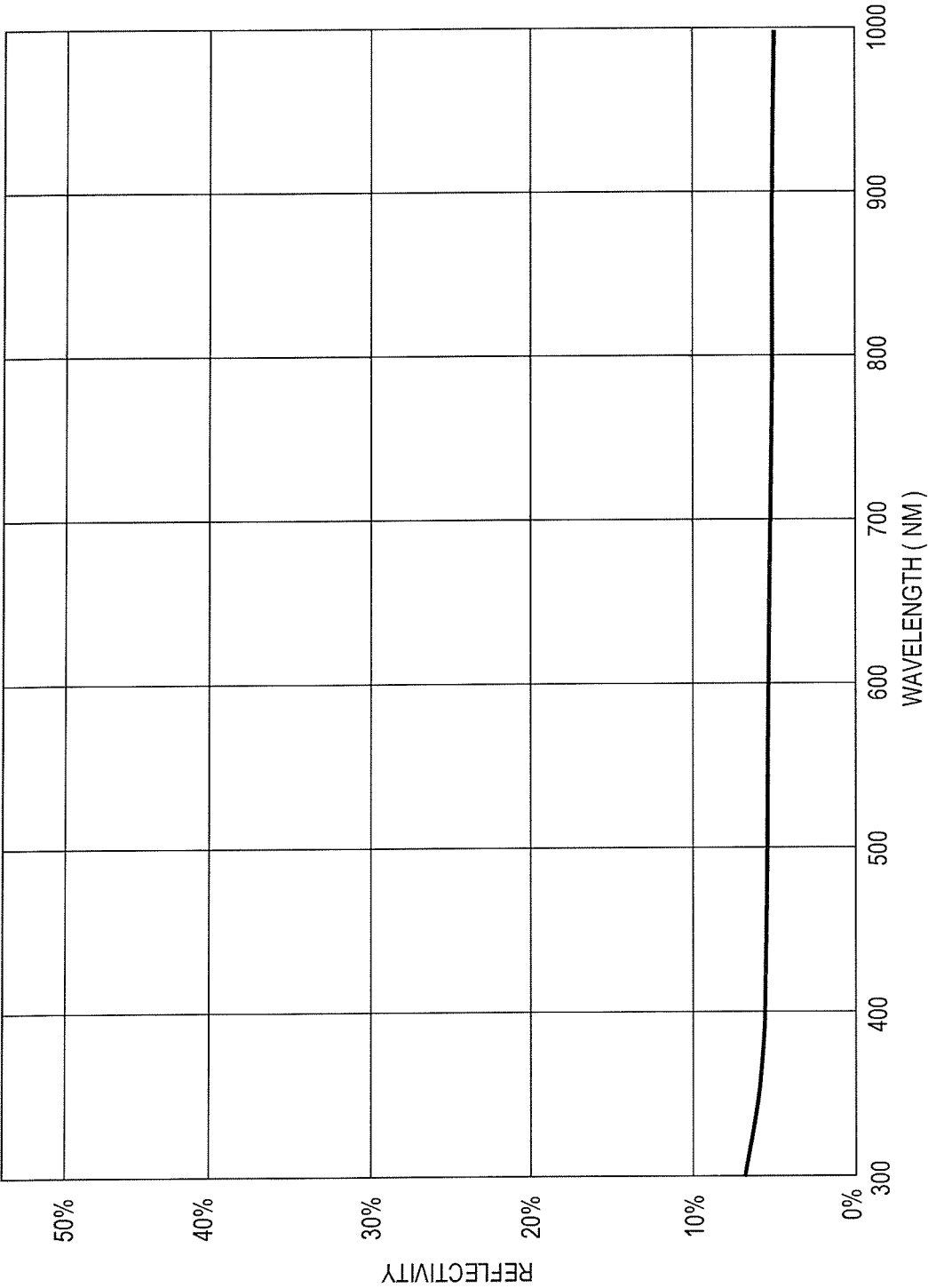


FIG. 3

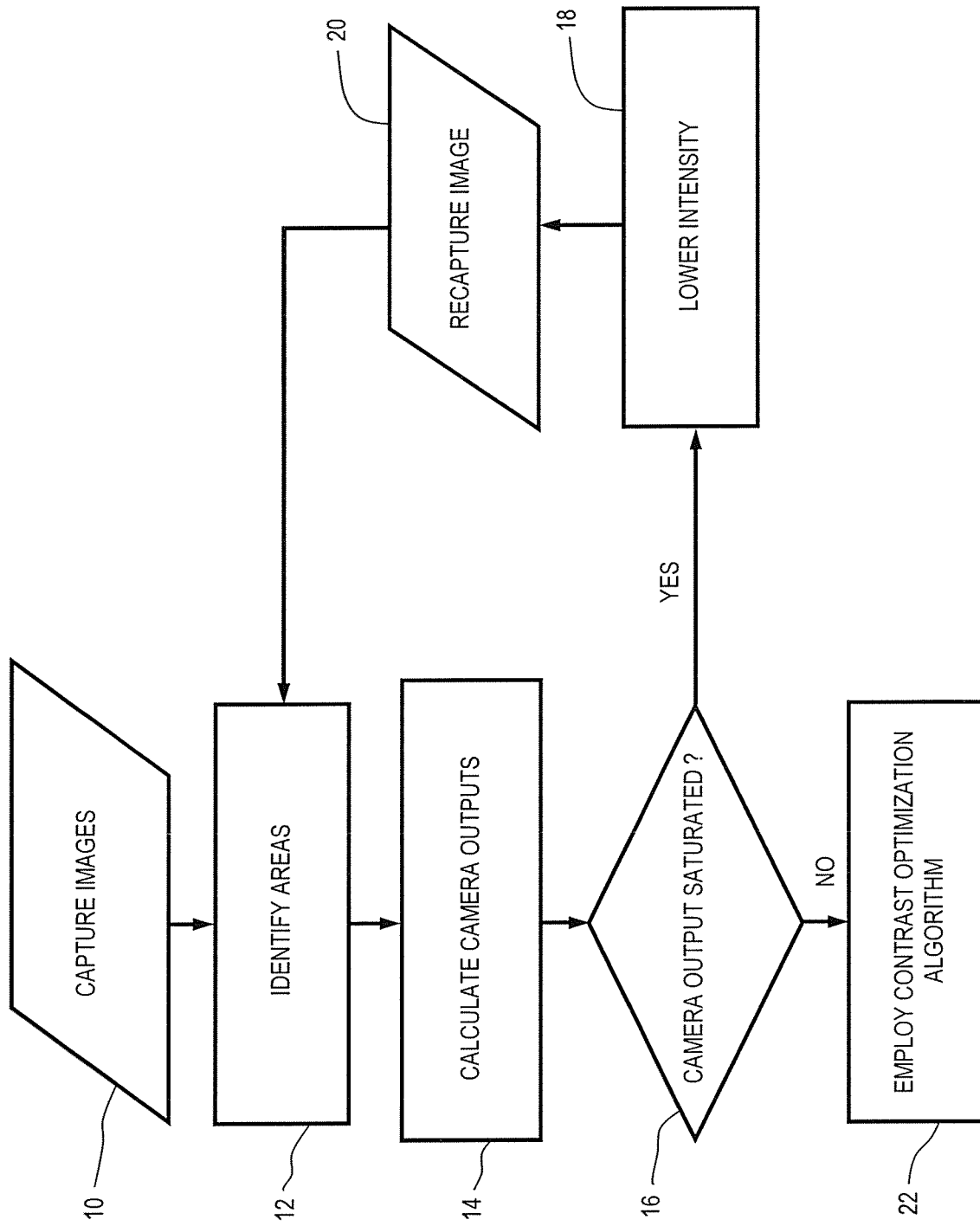
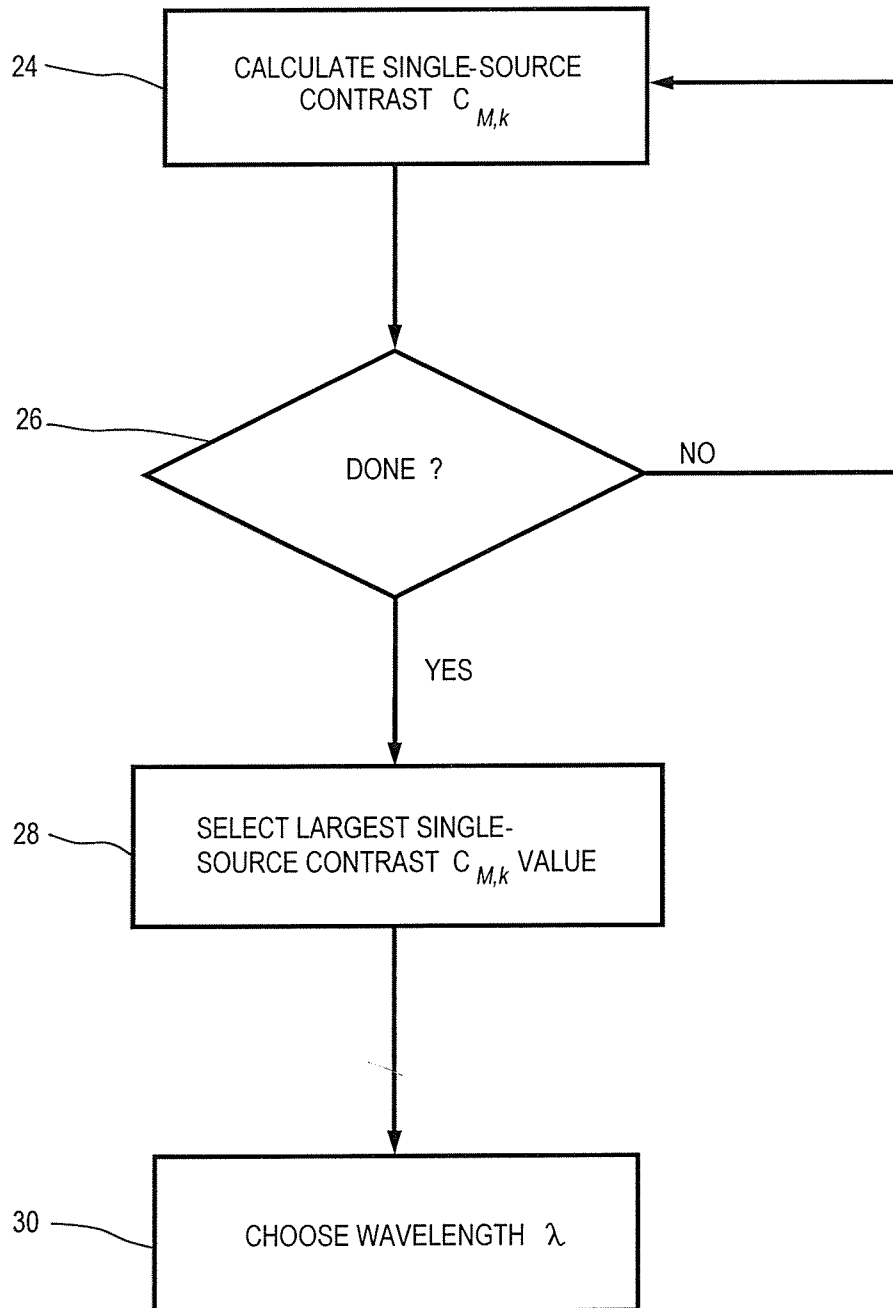


FIG. 4

**FIG. 5**

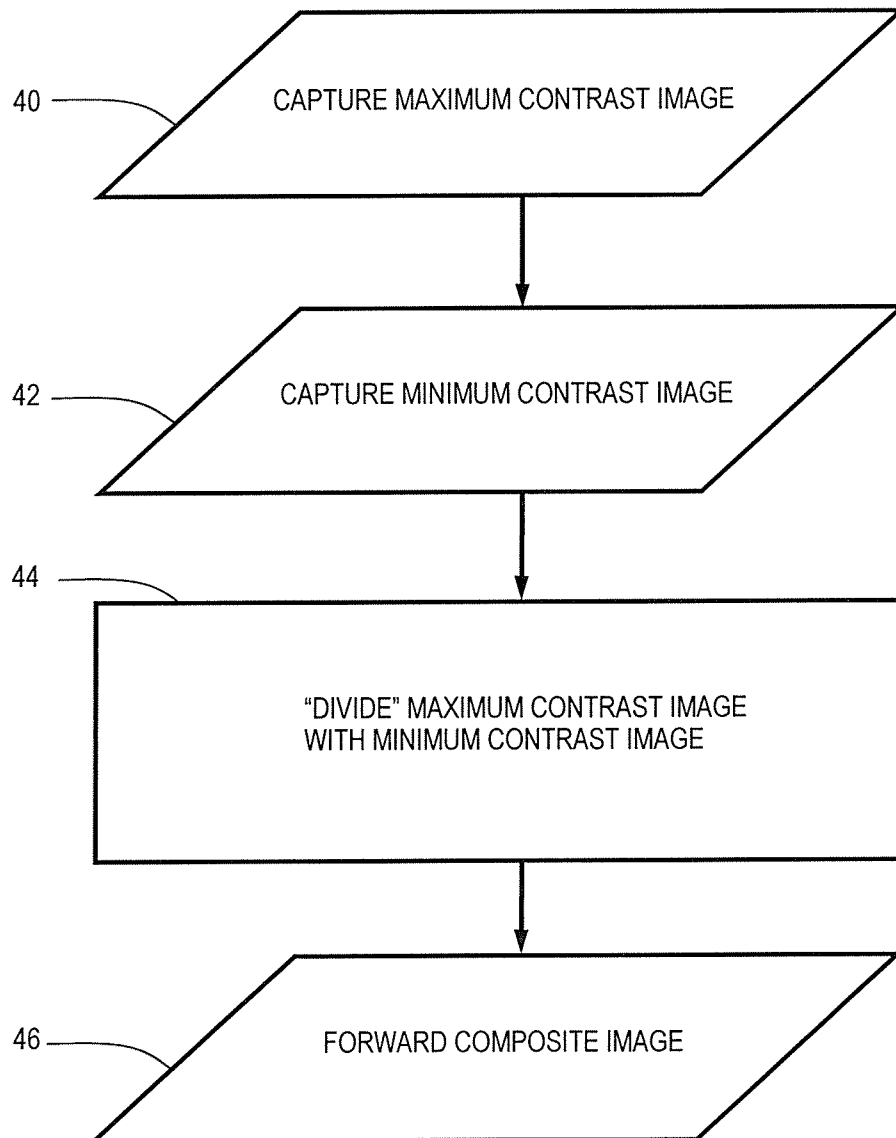


FIG. 6

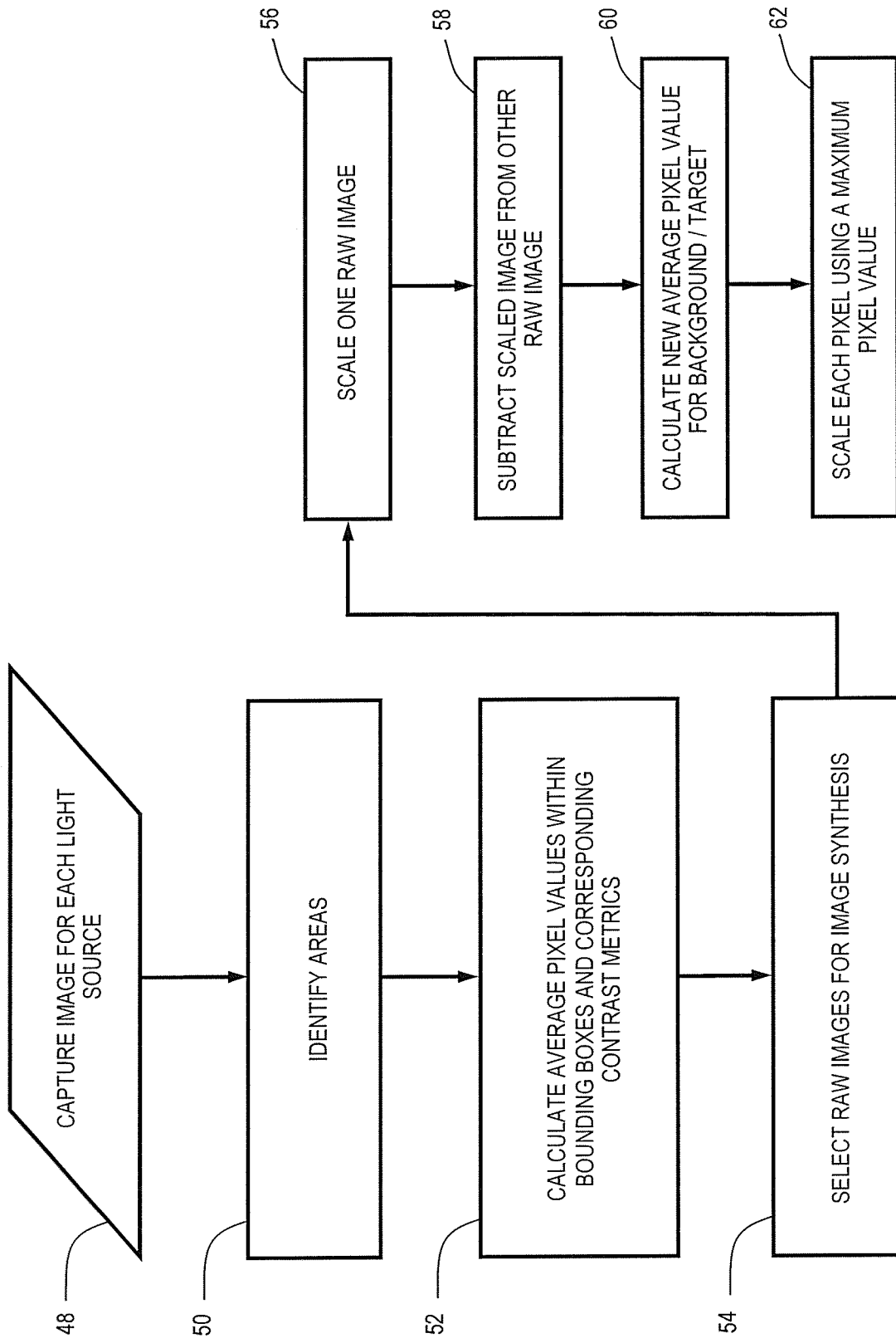


FIG. 7

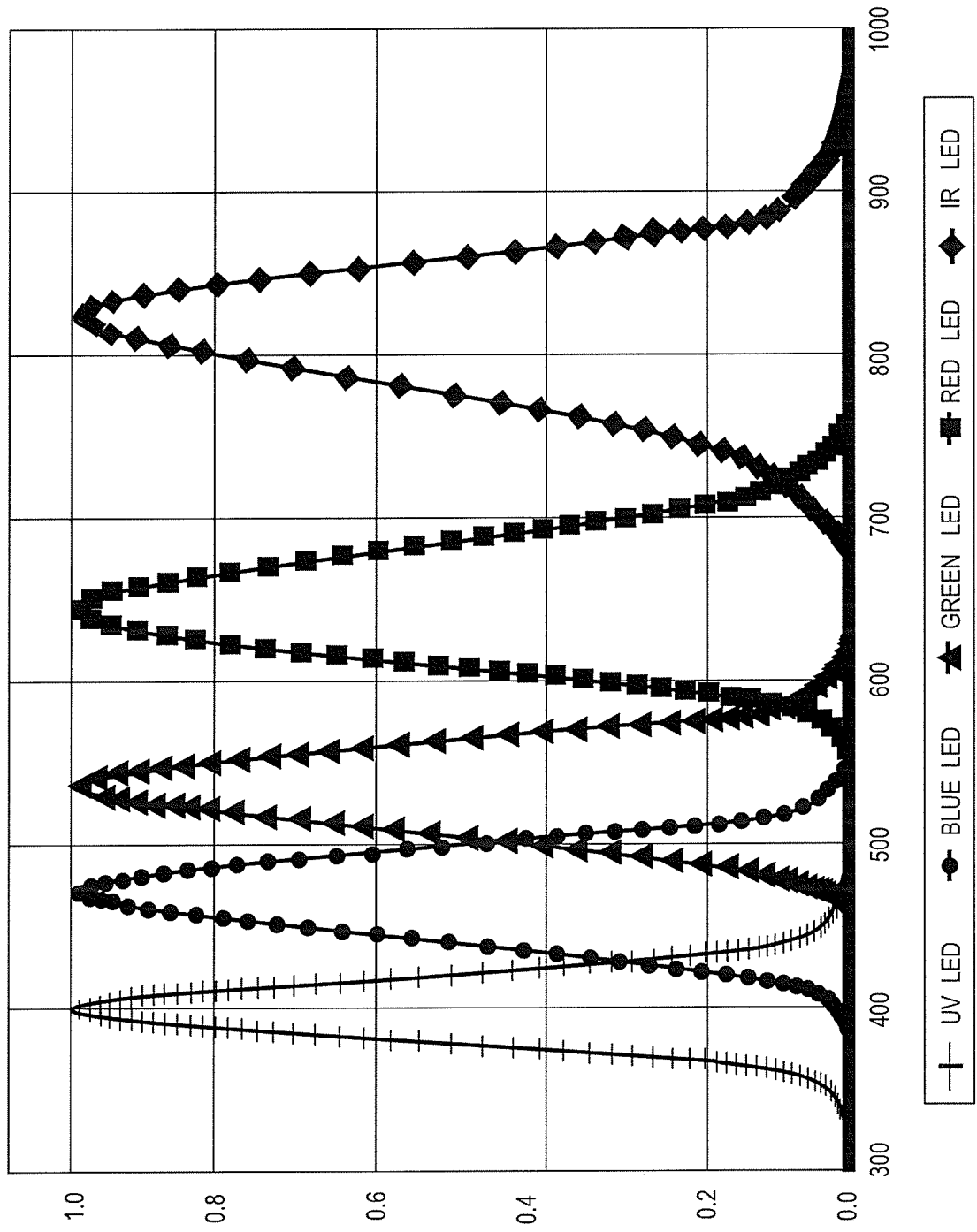
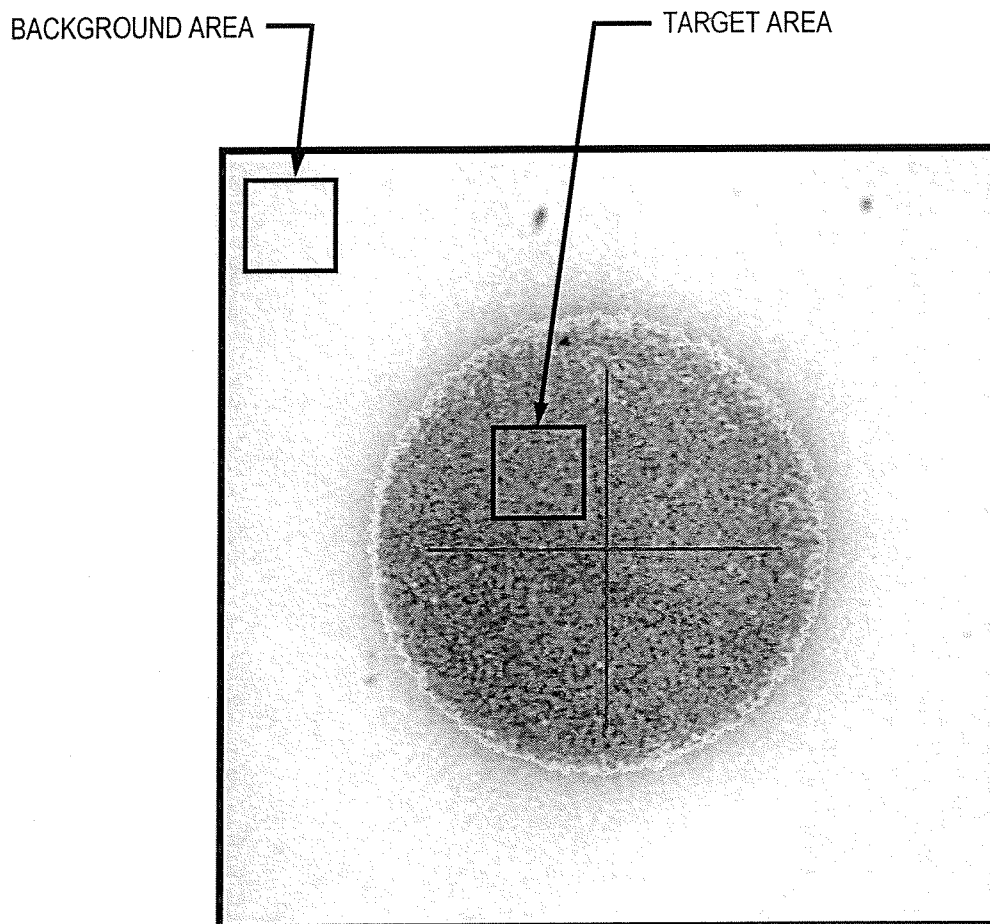


FIG. 8

**FIG. 9A**

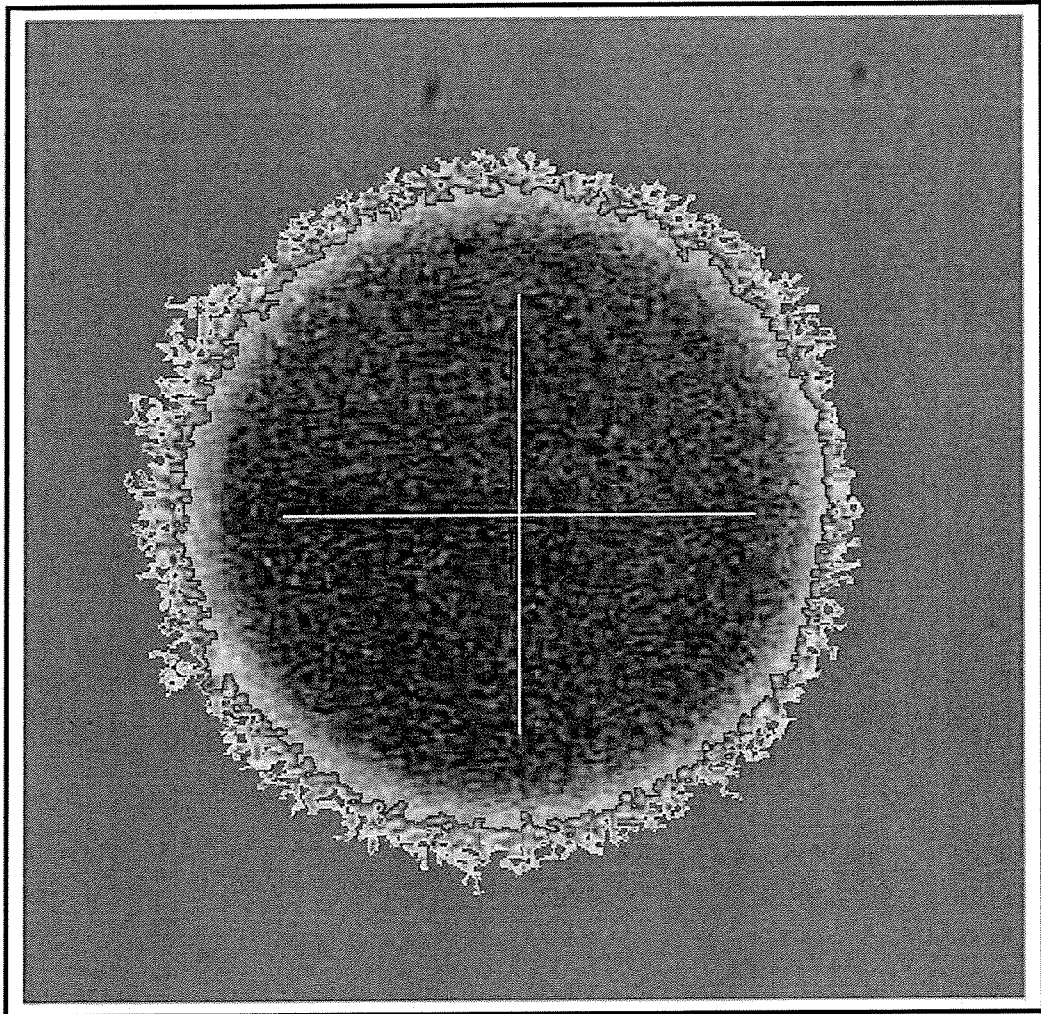


FIG. 9B

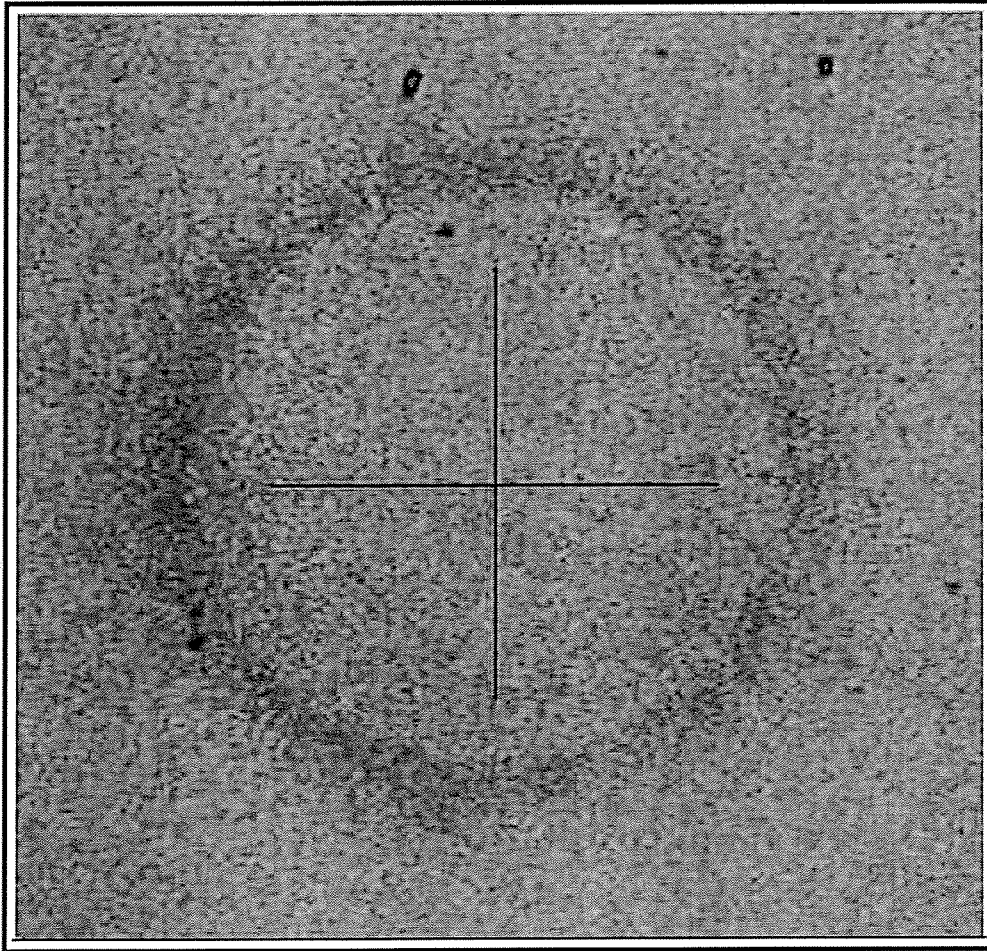


FIG. 9C

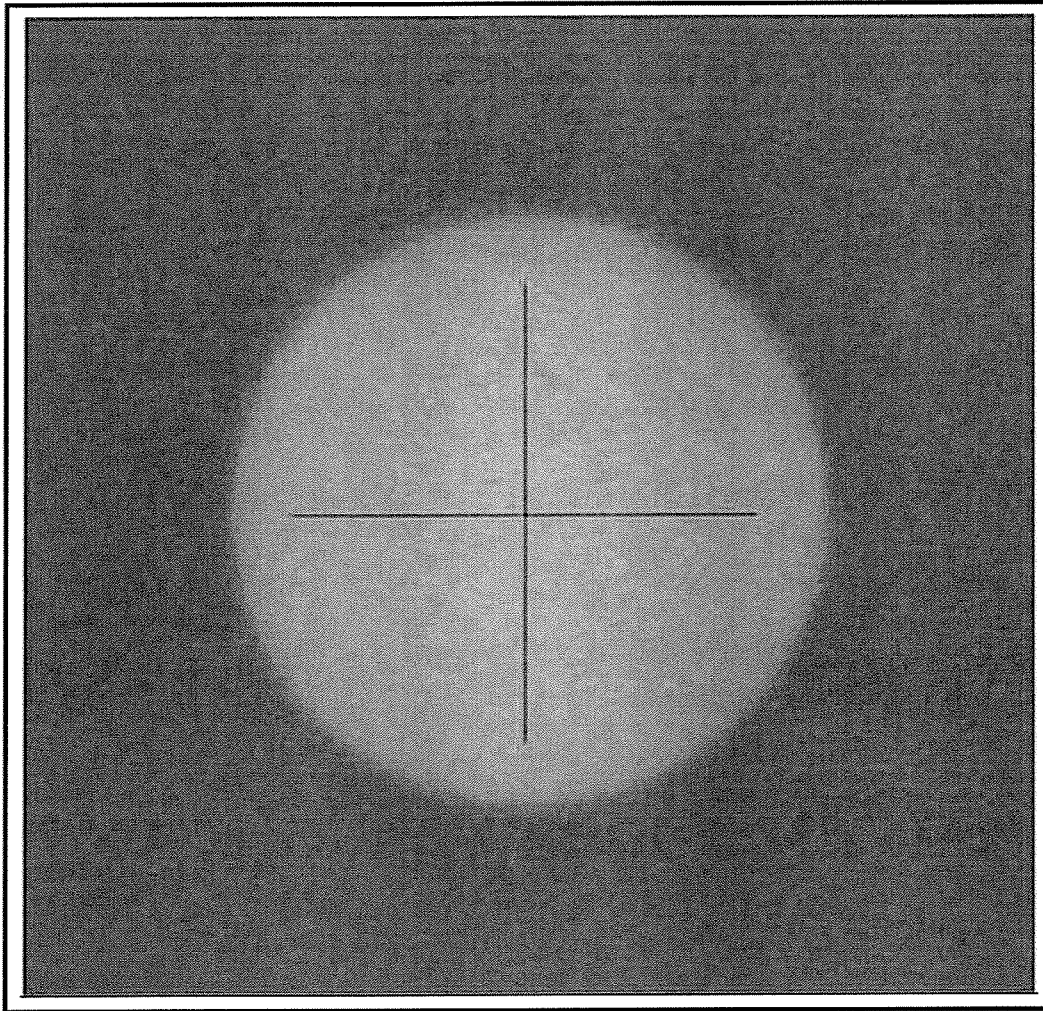


FIG. 9D

LIGHTING SCHEME	BACKGROUND AVERAGE PIXEL VALUE	TARGET AVERAGE PIXEL VALUE	CONTRAST METRIC
BLUE LEDS	246.9604	144.1300	0.2629
GREEN LEDS	101.7078	63.2830	0.2329
RED LEDS	118.2418	119.6117	0.0058
IR LEDS	81.2057	125.7639	0.2153

FIG. 10

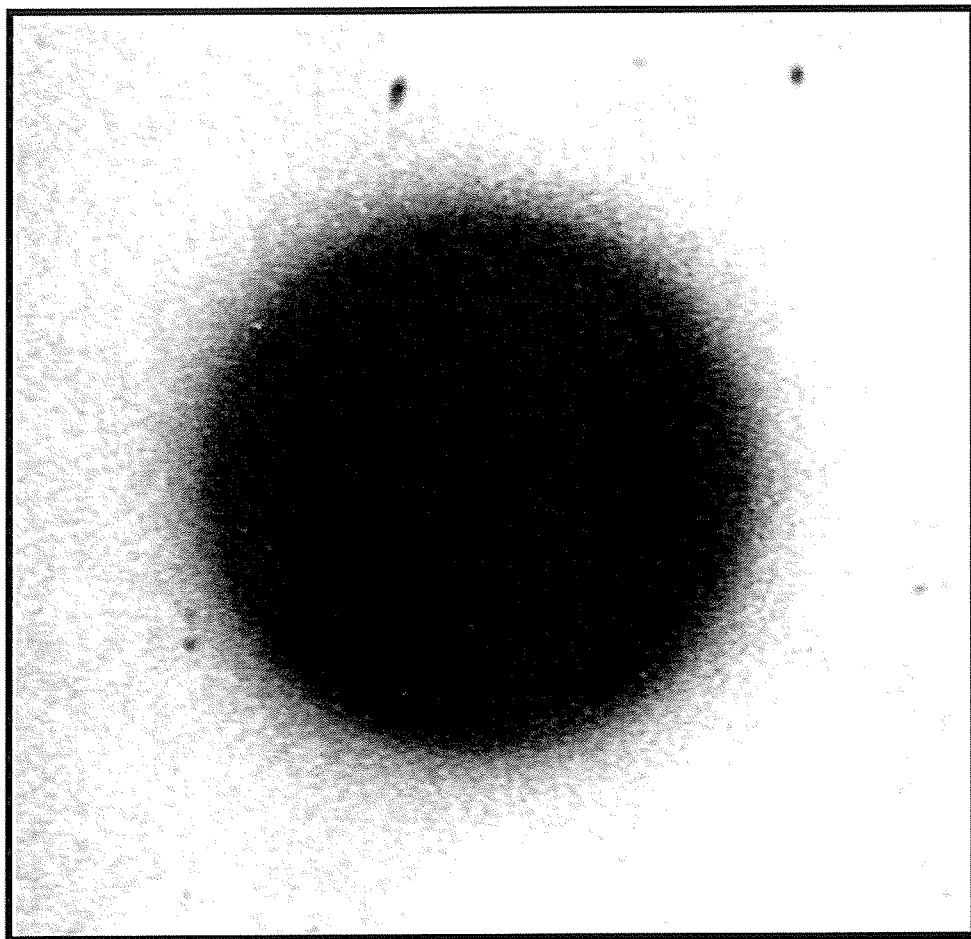


FIG. 11