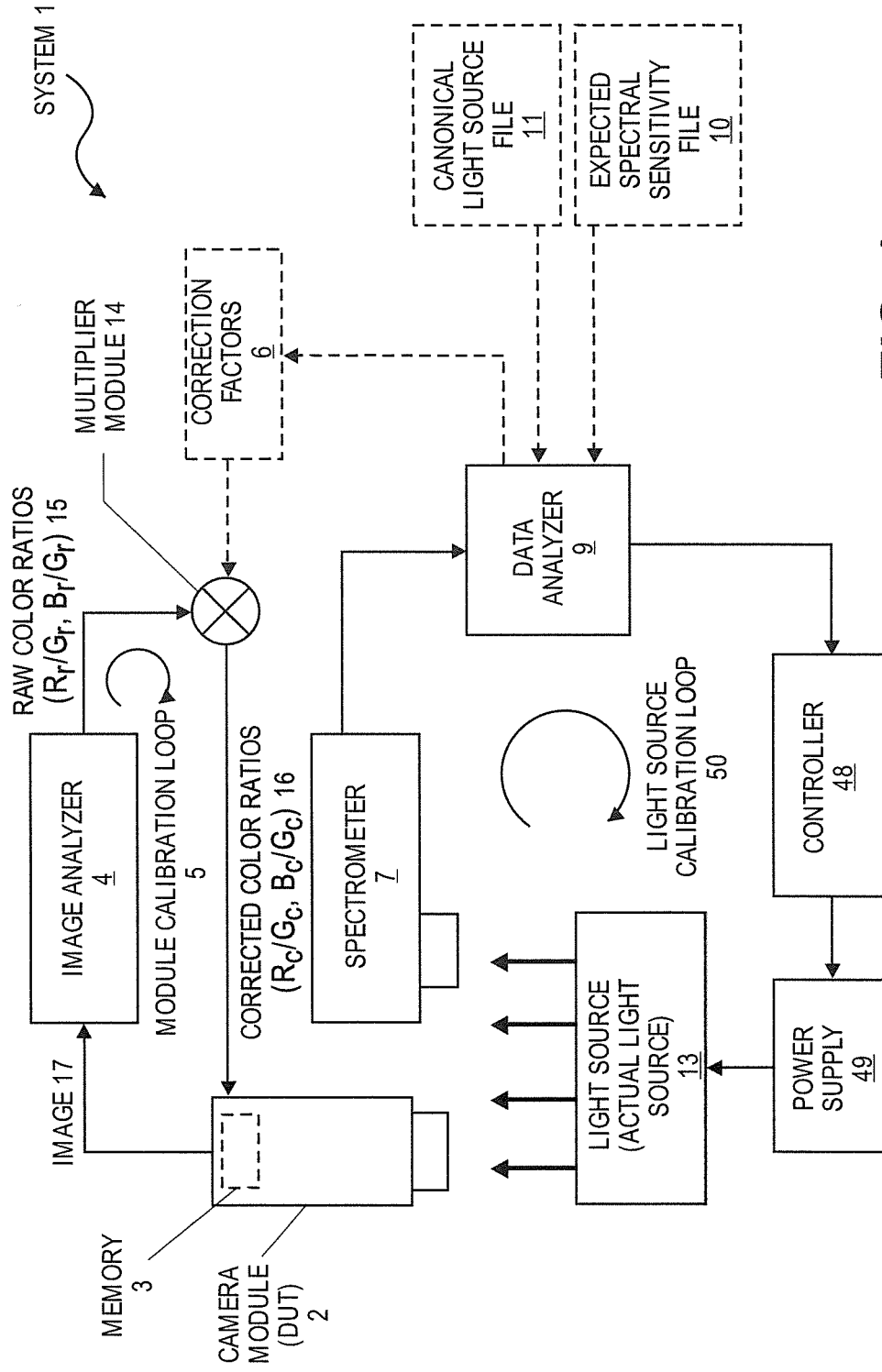
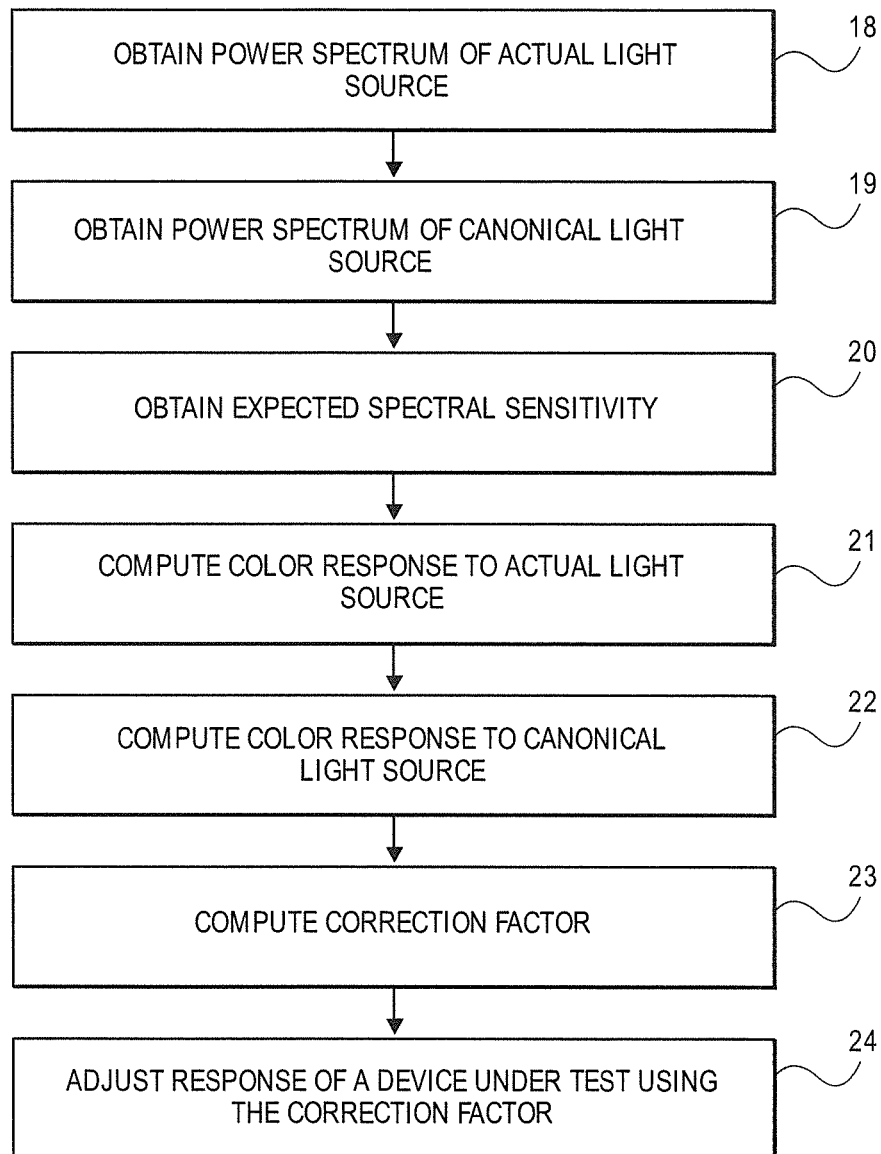




**FIG. 2**

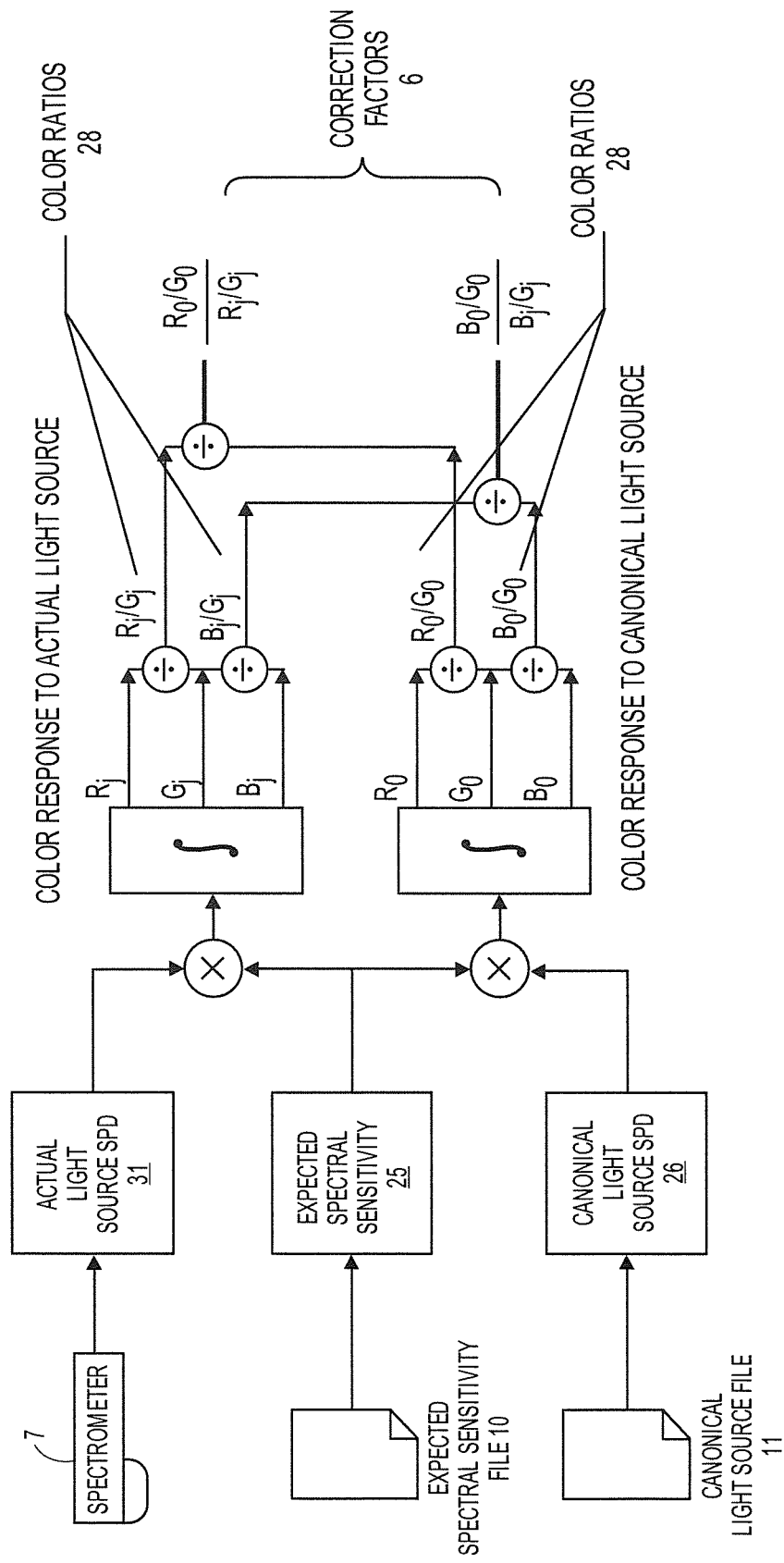
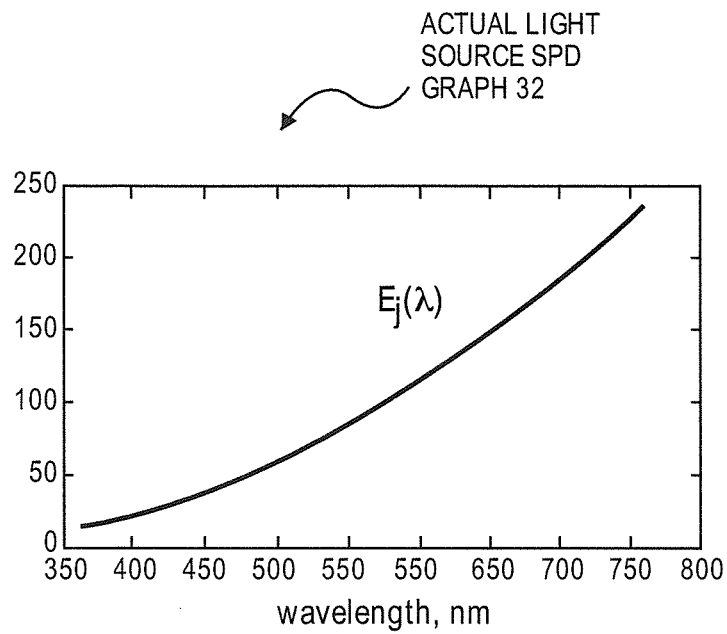


FIG. 3



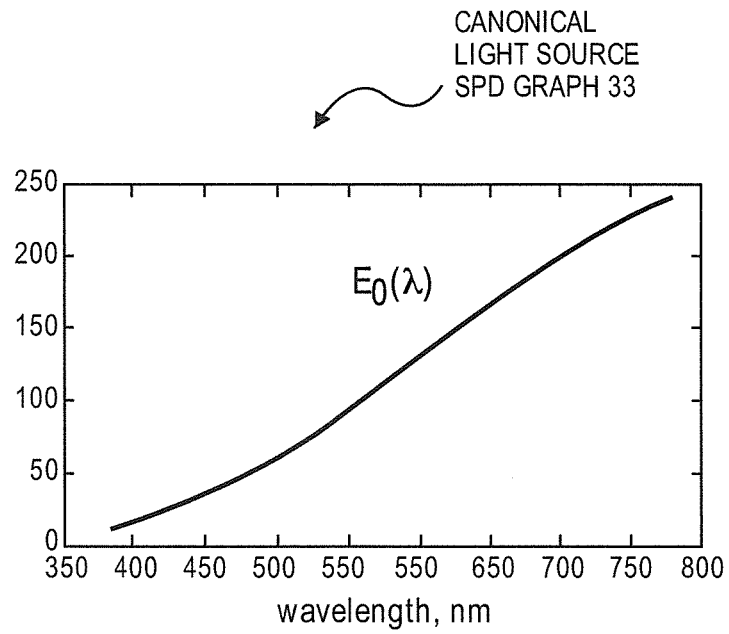
COLOR VALUES FOR COLOR
RESPONSE TO ACTUAL LIGHT
SOURCE
30

$$R_j = \sum E_j(\lambda) \cdot D_R(\lambda) \quad (36)$$

$$G_j = \sum E_j(\lambda) \cdot D_G(\lambda) \quad (37)$$

$$B_j = \sum E_j(\lambda) \cdot D_B(\lambda) \quad (38)$$

FIG. 4A



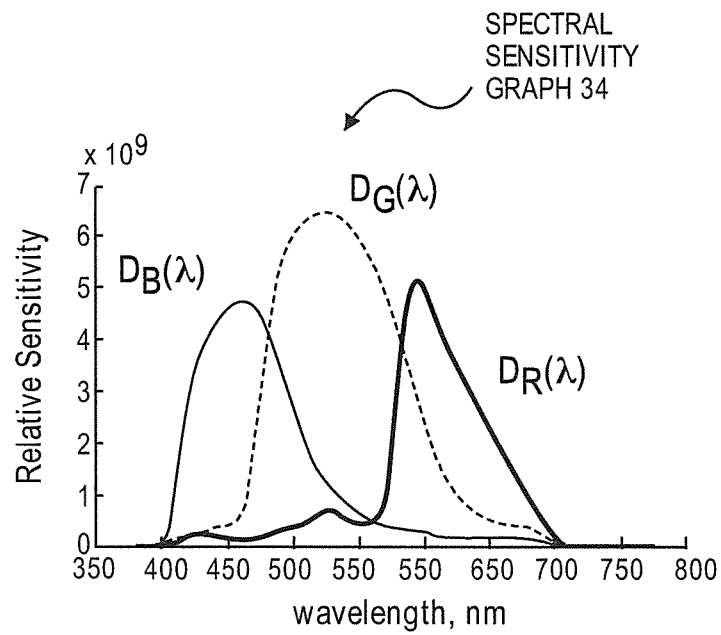
COLOR VALUES FOR COLOR
RESPONSE TO CANONICAL LIGHT
SOURCE
35

$$R_0 = \sum E_0(\lambda) \cdot D_R(\lambda) \quad (39)$$

$$G_0 = \sum E_0(\lambda) \cdot D_G(\lambda) \quad (40)$$

$$B_0 = \sum E_0(\lambda) \cdot D_B(\lambda) \quad (41)$$

FIG. 4B



COLOR RATIOS

28

$$\frac{R_j}{G_j} \quad \frac{B_j}{G_j} \quad \frac{R_0}{G_0} \quad \frac{B_0}{G_0}$$

CORRECTION FACTORS

6

$$\frac{R_0 / G_0}{R_j / G_j} \quad \frac{B_0 / G_0}{B_j / G_j}$$

FIG. 4C

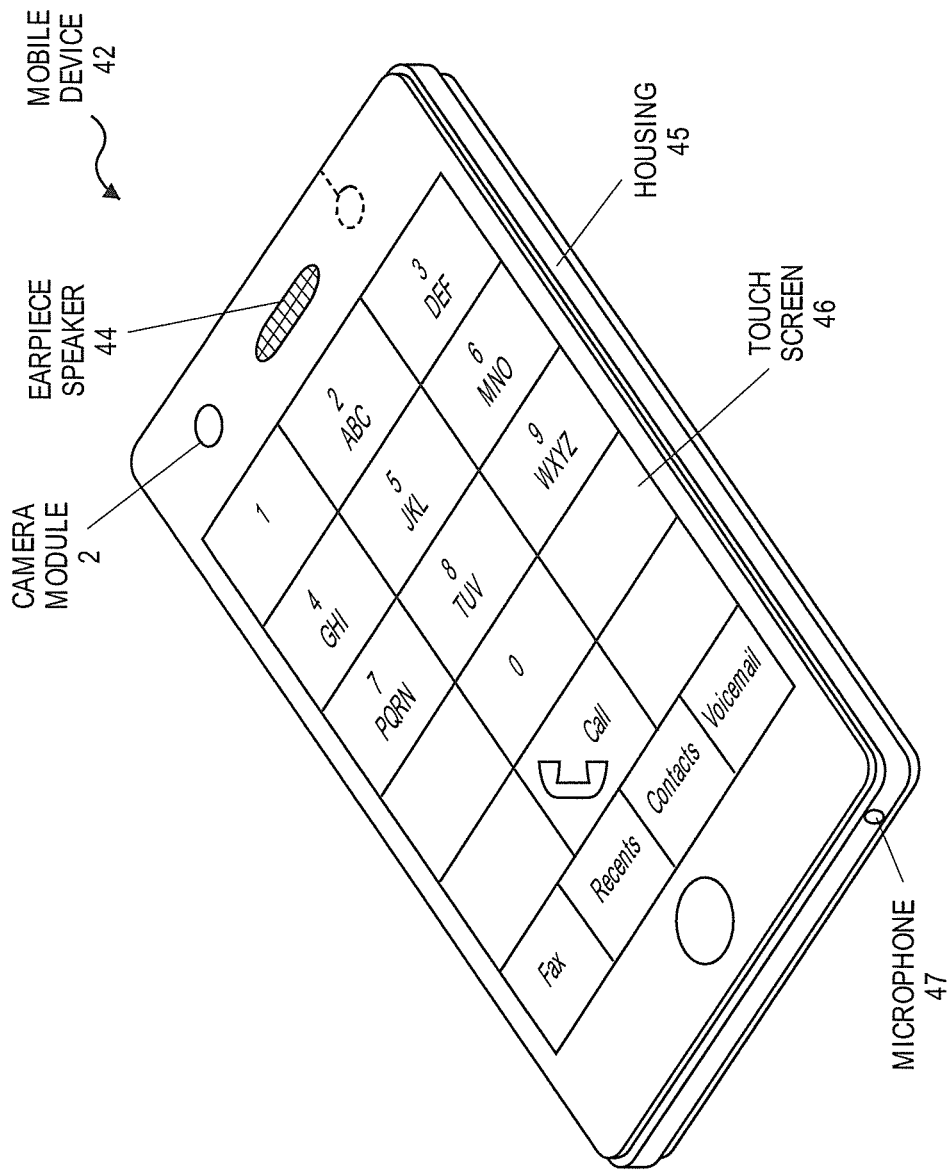


FIG. 5