

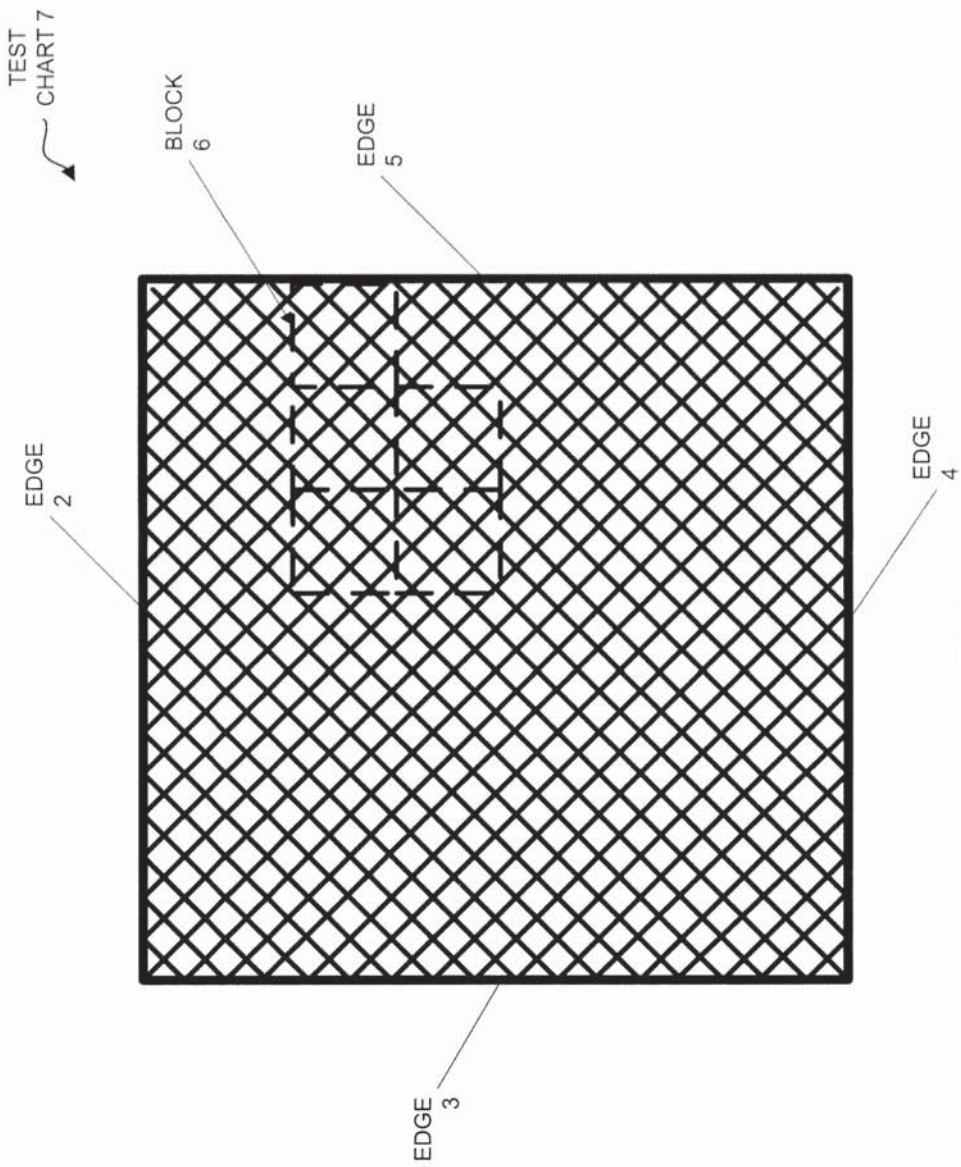


FIG. 1

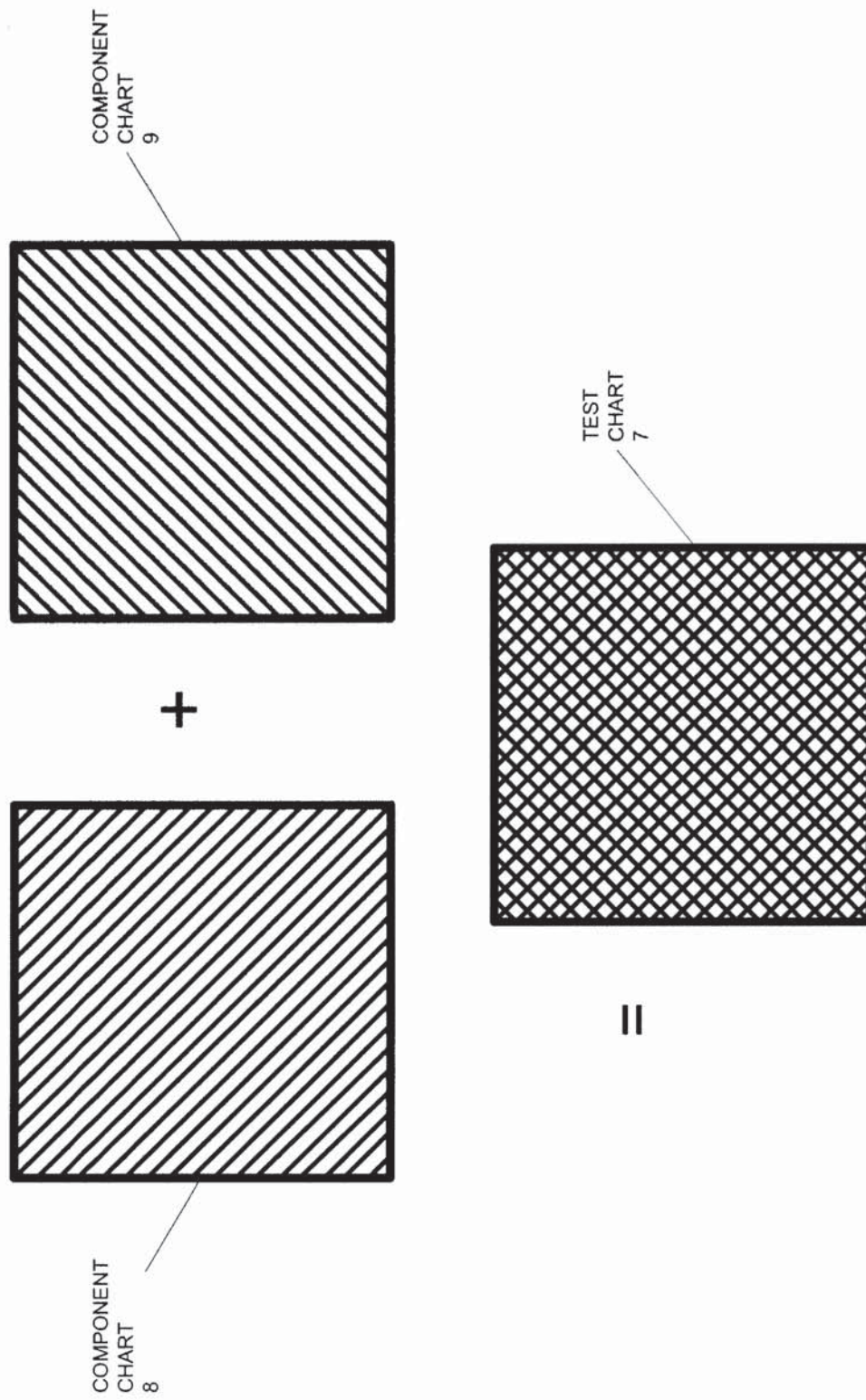


FIG. 2

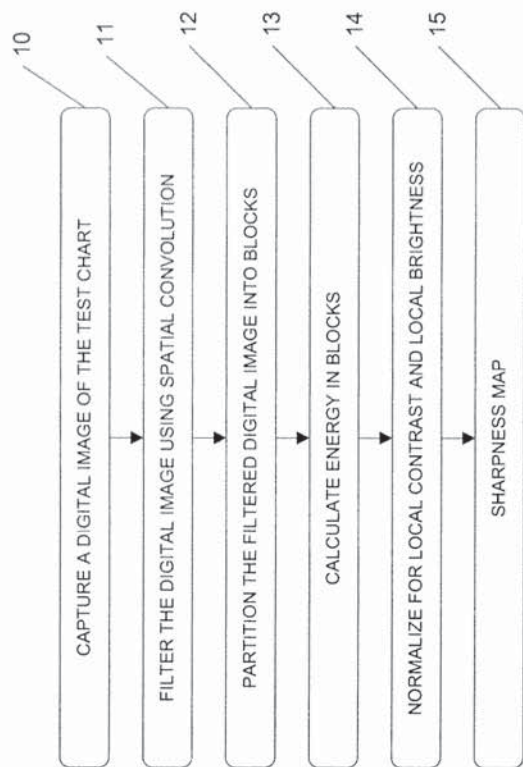
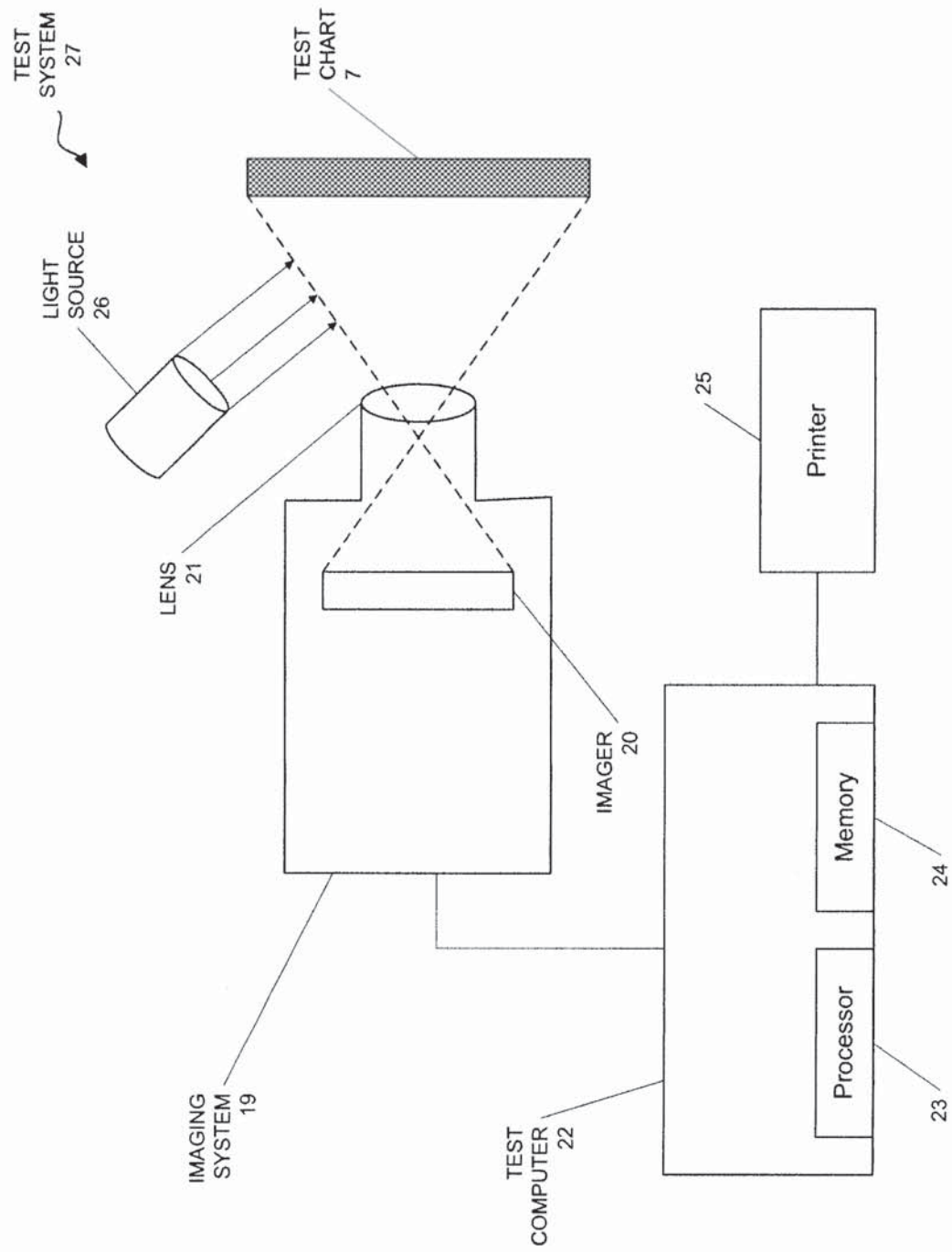


FIG. 3A



FIG. 3B

**FIG. 4**

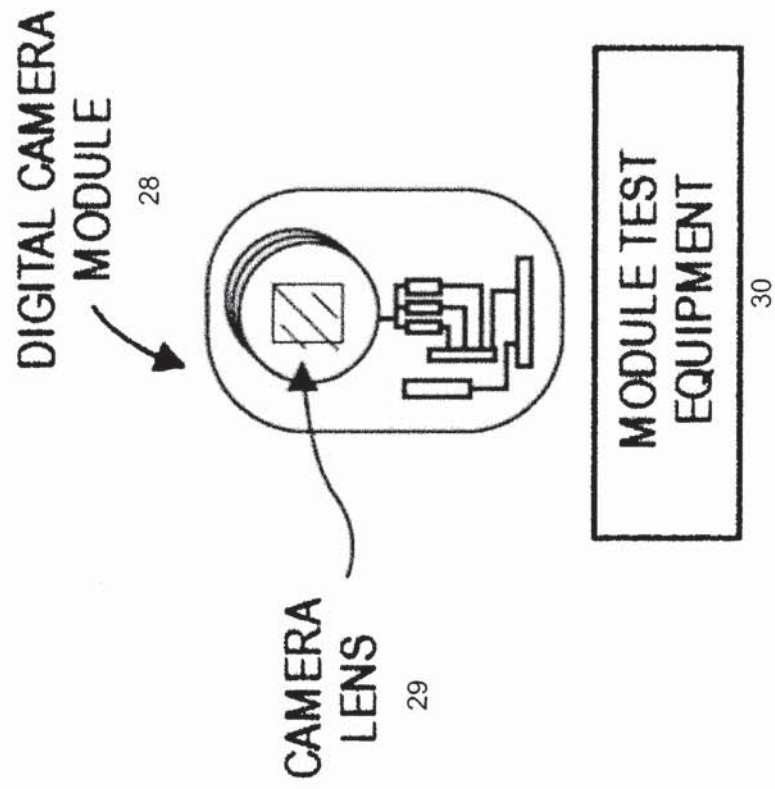
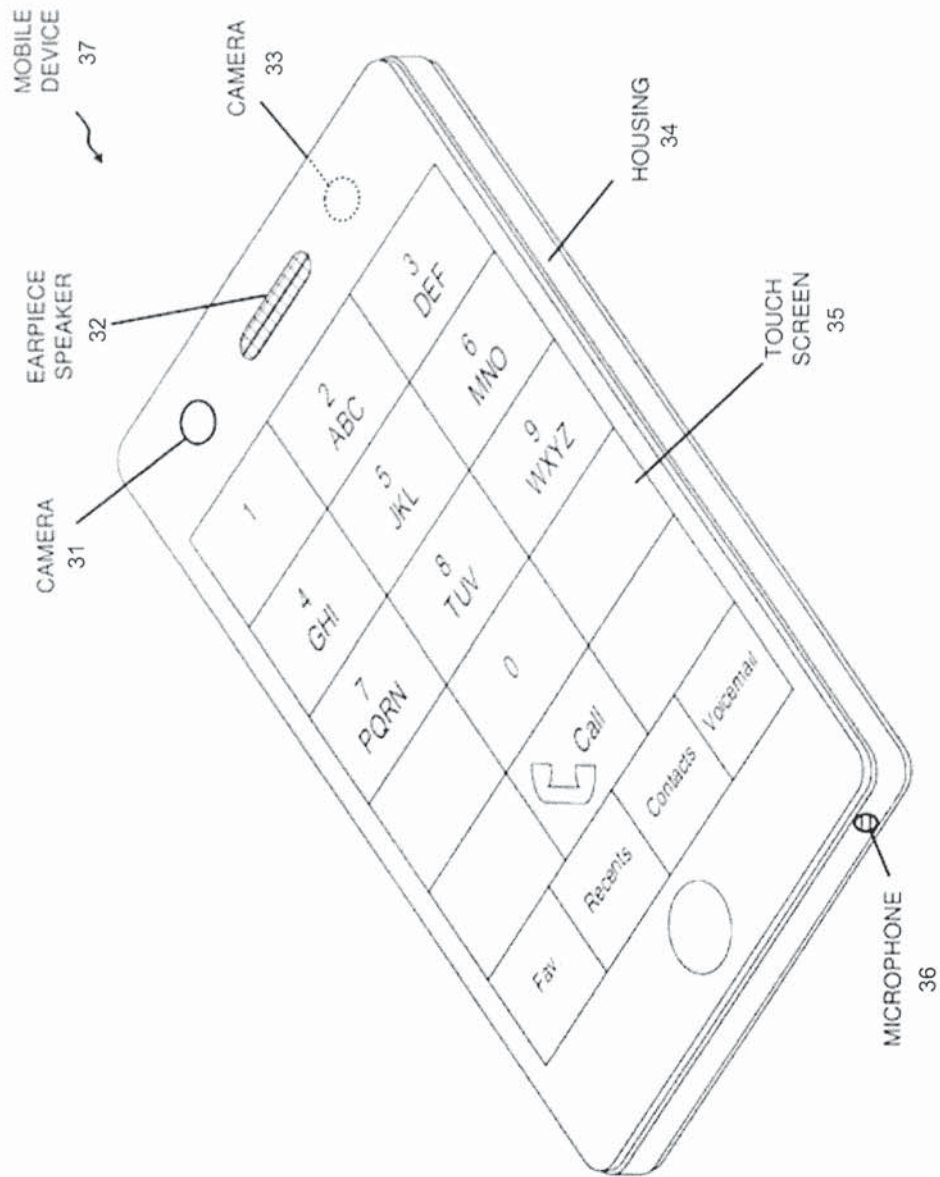


FIG. 5

**FIG. 6**

Line-Pair Frequency:	Line-Pair Orientation:
$f_1 = \gamma f_{Nyquist}$	$\theta_{tan} = \arctan\left(\frac{\beta}{\alpha}\right)$ $\theta_{sag} = \theta_{tan} + \frac{\pi}{2}$
Tangential & Sagittal Frequencies:	
$f_{x,tan} = f_1 \cos(\theta_{tan})$ $f_{y,tan} = f_1 \sin(\theta_{tan})$	$f_{x,sag} = f_1 \cos(\theta_{sag})$ $f_{y,sag} = f_1 \sin(\theta_{sag})$
Tangential & Sagittal Sinusoids:	
$T_{tan}(x, y) = \cos(2\pi f_{x,tan}x + 2\pi f_{y,tan}y)$ $T_{sag}(x, y) = \cos(2\pi f_{x,sag}x + 2\pi f_{y,sag}y)$	

Superposition and Range Adjustment:
$T'_{tan}(x, y) = 255 \left[\frac{T_{tan}(x, y) - \min(T_{tan}(x, y))}{\max(T_{tan}(x, y)) - \min(T_{tan}(x, y))} \right]$ $T'_{sag}(x, y) = 255 \left[\frac{T_{sag}(x, y) - \min(T_{sag}(x, y))}{\max(T_{sag}(x, y)) - \min(T_{sag}(x, y))} \right]$ $T_c(x, y) = T'_{tan}(x, y) + T'_{sag}(x, y)$ $T'_c(x, y) = 255 \left[\frac{T_c(x, y) - \min(T_c(x, y))}{\max(T_c(x, y)) - \min(T_c(x, y))} \right]$
Thresholding:
$T''_c(x, y) = \begin{cases} L_W & T'_c(x, y) \geq 0.5(\max(T'_c(x, y)) - \min(T'_c(x, y))) \\ L_B & \text{otherwise} \end{cases}$

FIG. 7