

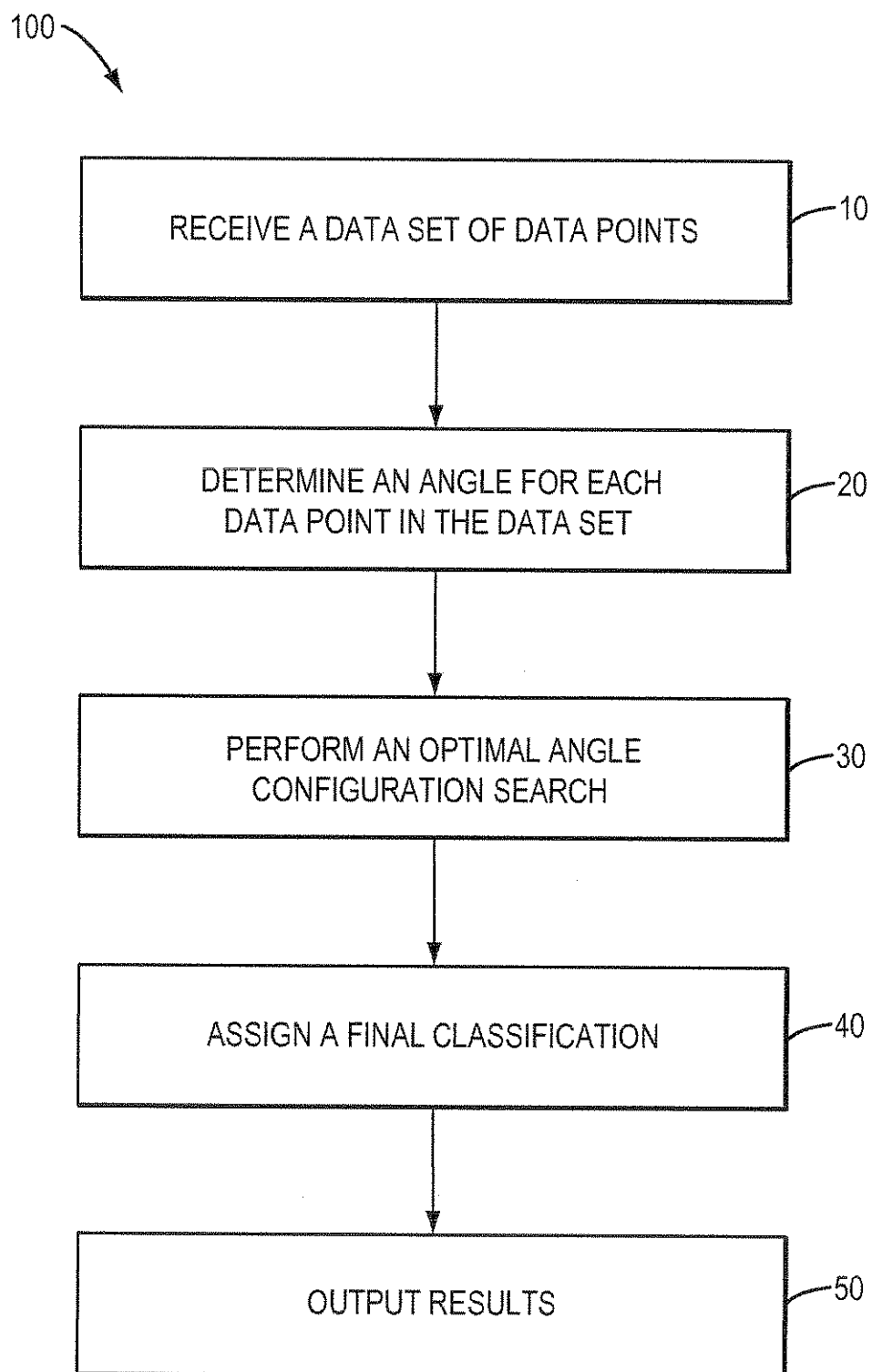


FIG. 1

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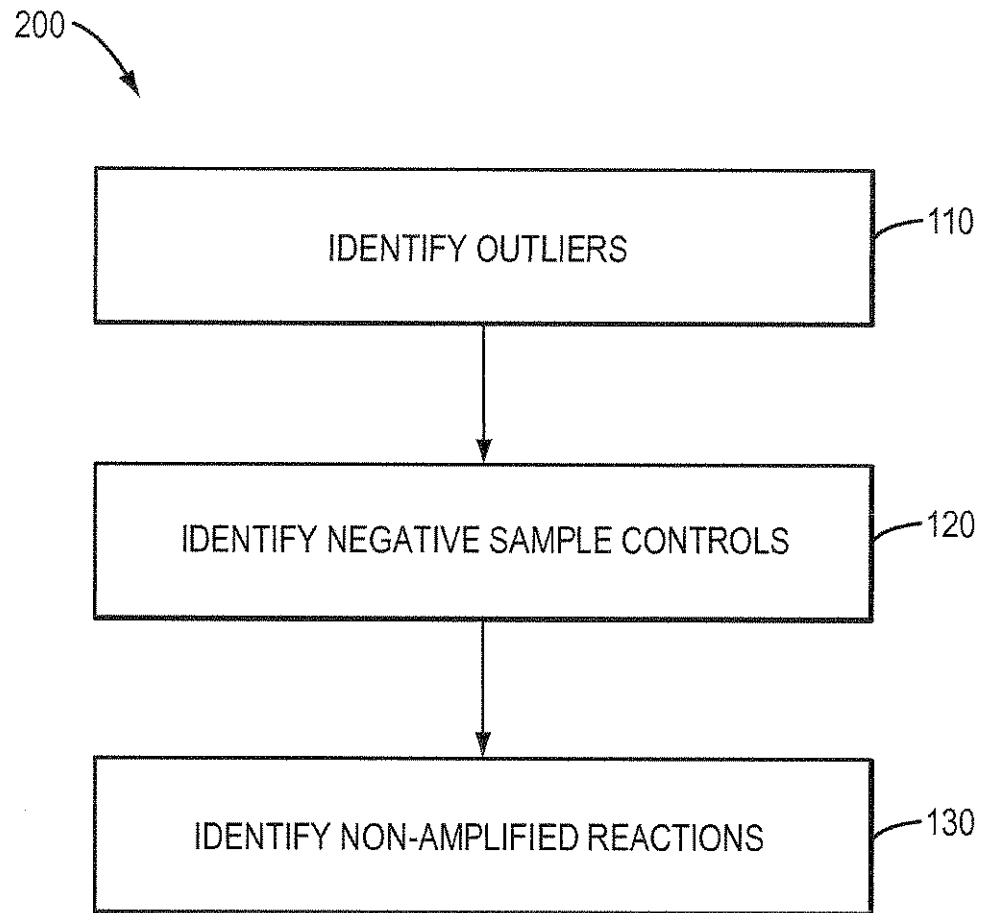


FIG. 2

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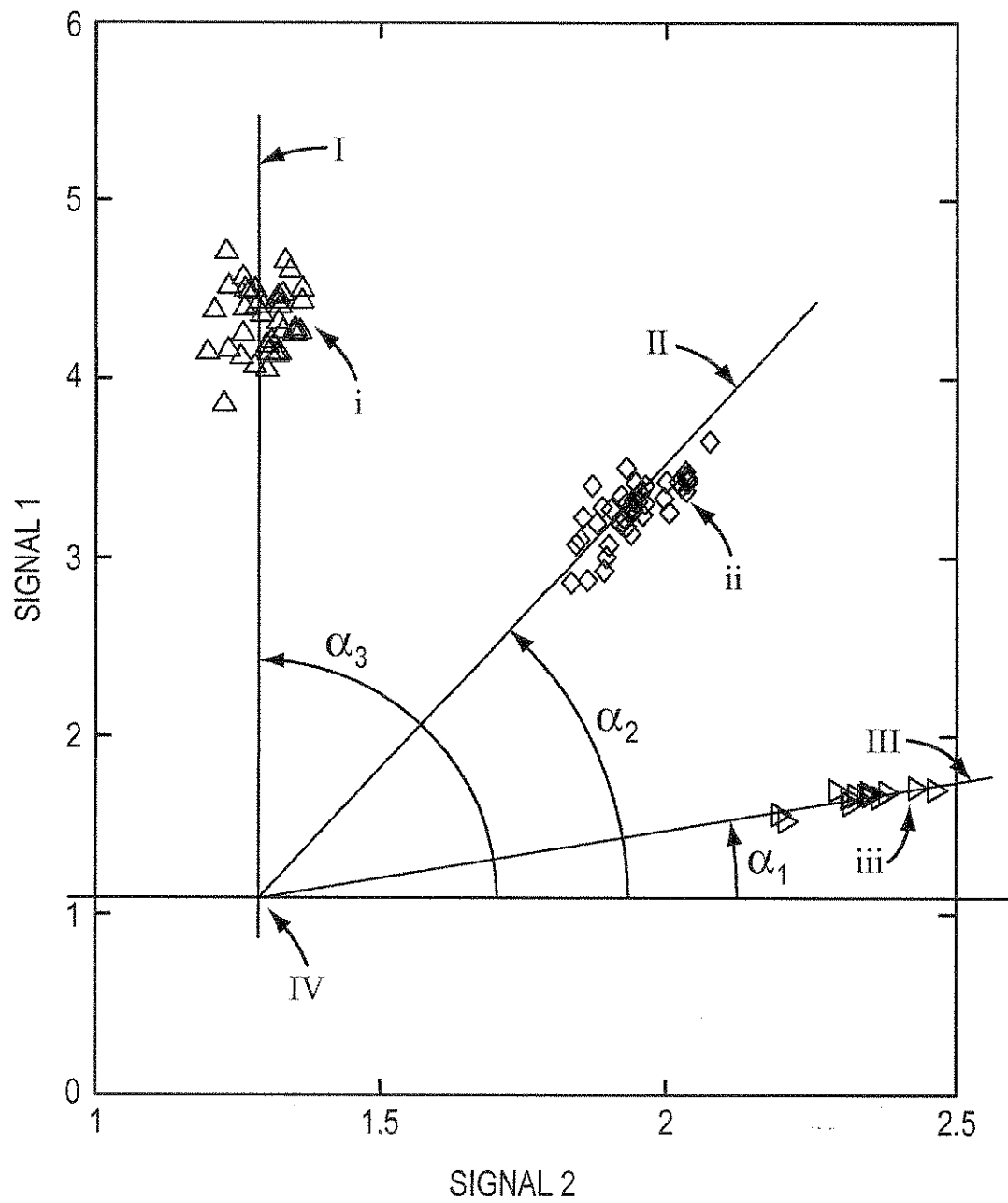


FIG. 3

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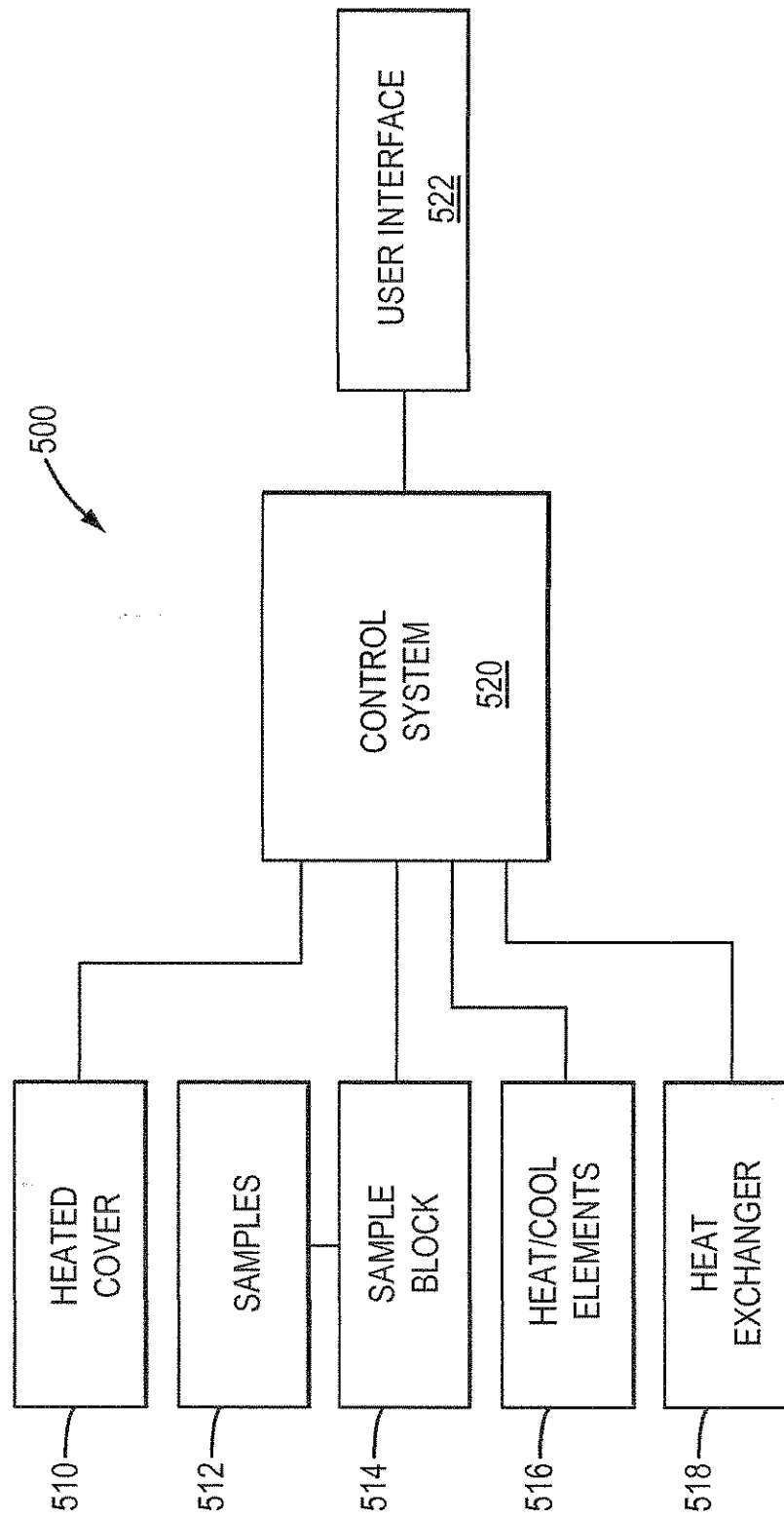


FIG. 4

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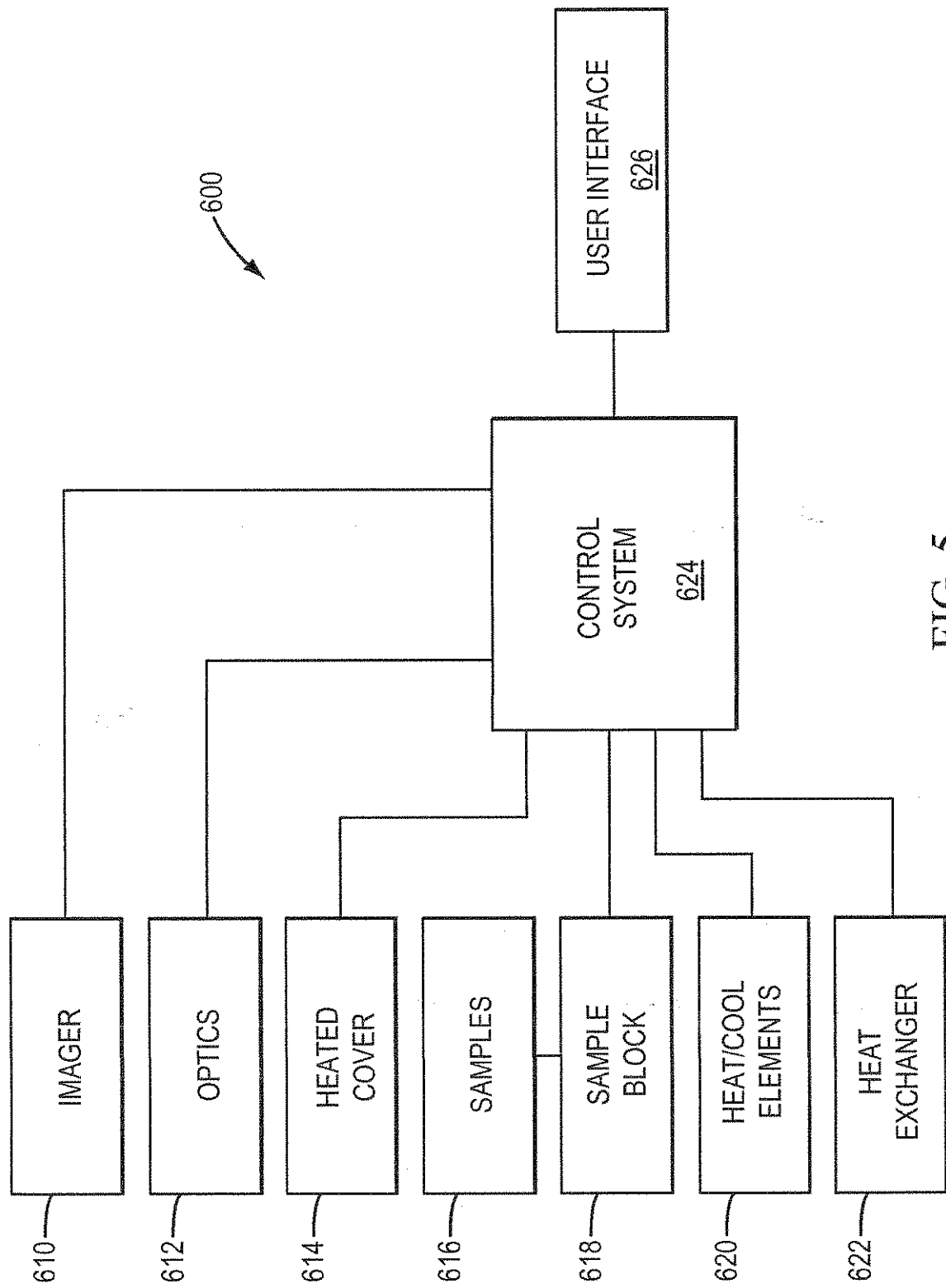


FIG. 5

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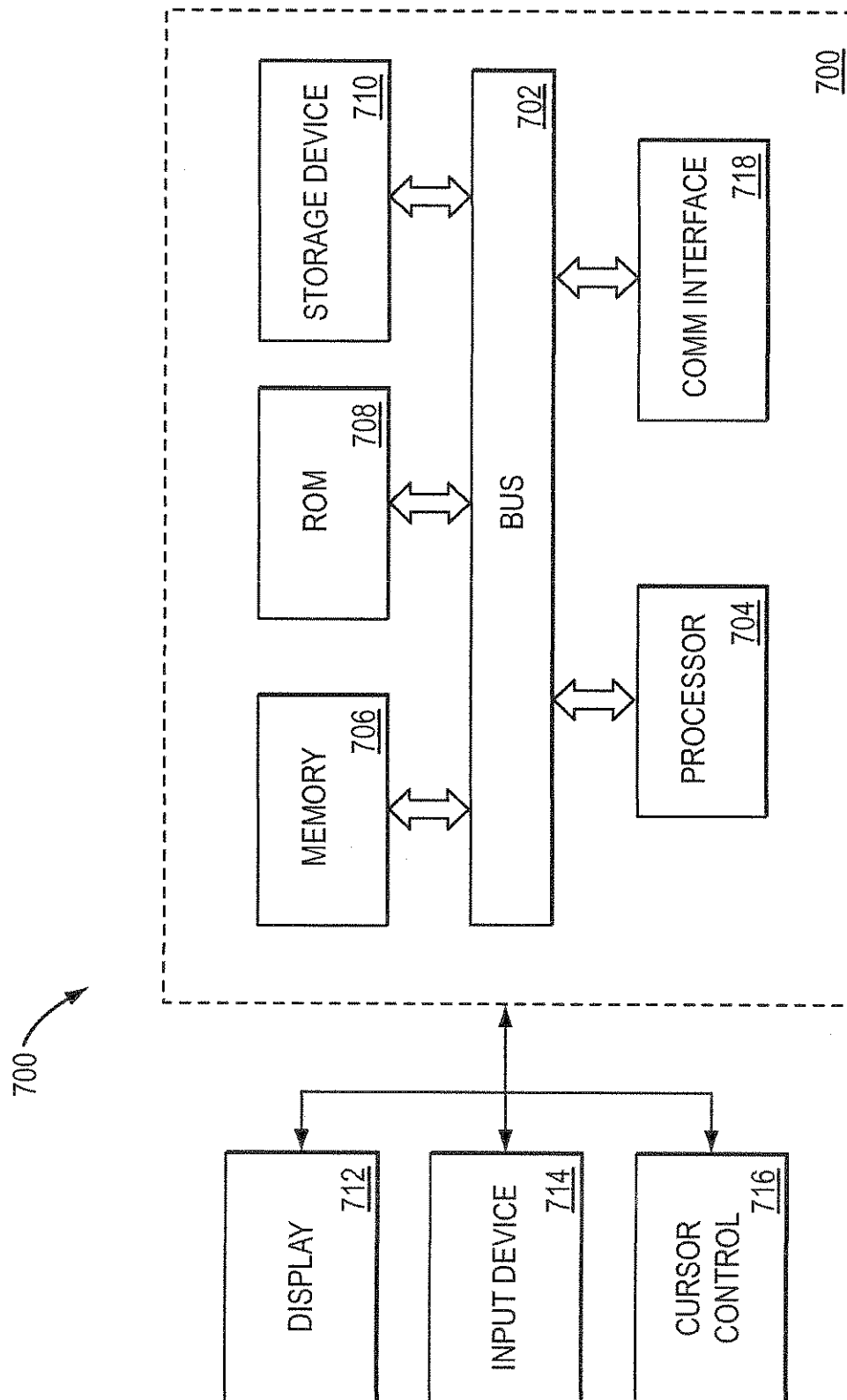
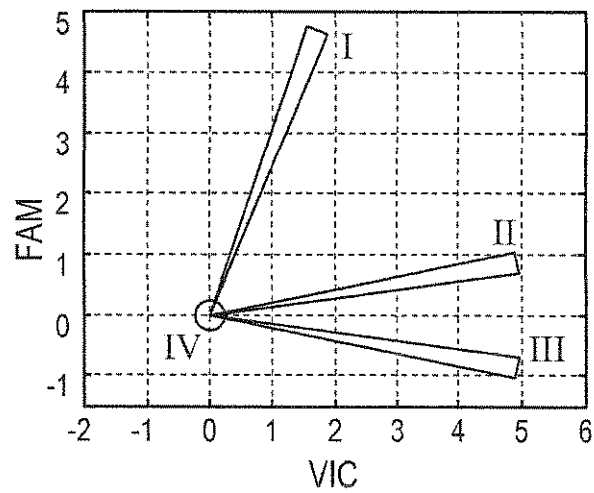


FIG. 6

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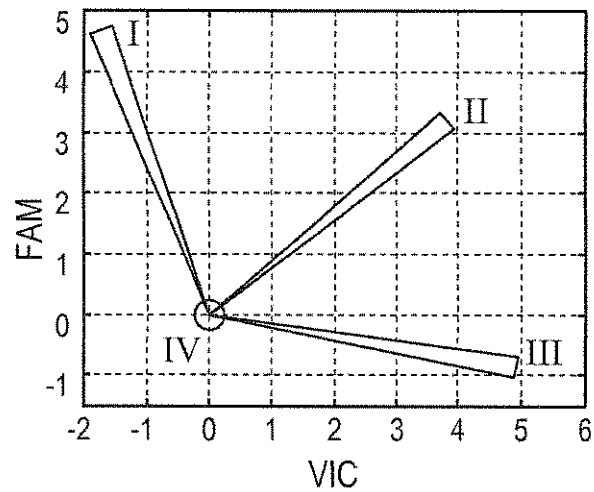


$$\alpha_1 \in (-12.5^\circ, -7.5^\circ)$$

$$\alpha_2 \in (7.5^\circ, 12.5^\circ)$$

$$\alpha_3 \in (67.5^\circ, 72.5^\circ)$$

FIG. 7A

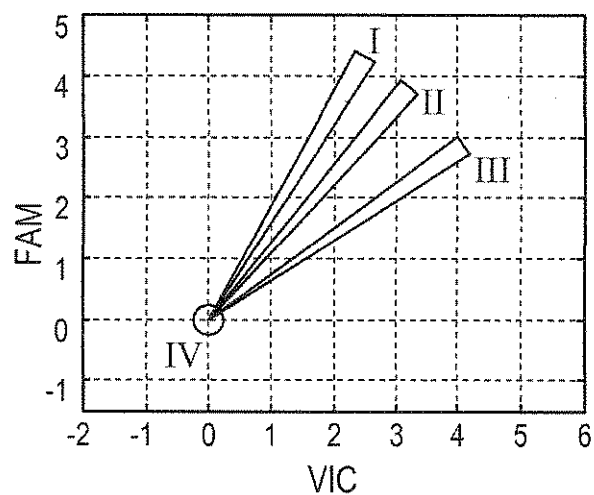


$$\alpha_1 \in (-12.5^\circ, -7.5^\circ)$$

$$\alpha_2 \in (37.5^\circ, 42.5^\circ)$$

$$\alpha_3 \in (107.5^\circ, 112.5^\circ)$$

FIG. 7B



$$\alpha_1 \in (32.5^\circ, 37.5^\circ)$$

$$\alpha_2 \in (47.5^\circ, 52.5^\circ)$$

$$\alpha_3 \in (57.5^\circ, 62.5^\circ)$$

FIG. 7C

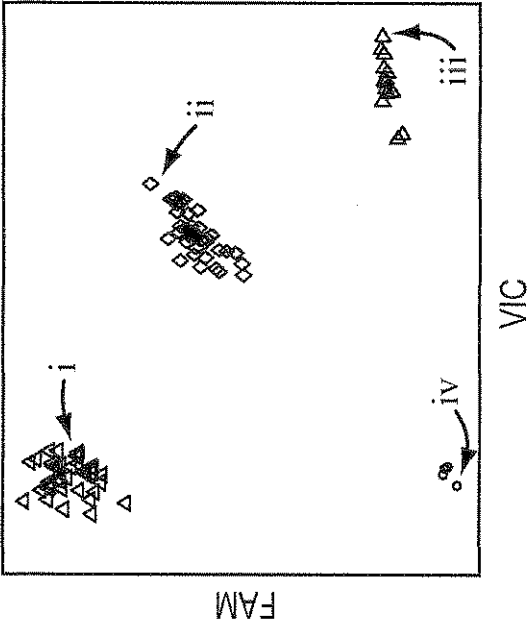


FIG. 8A

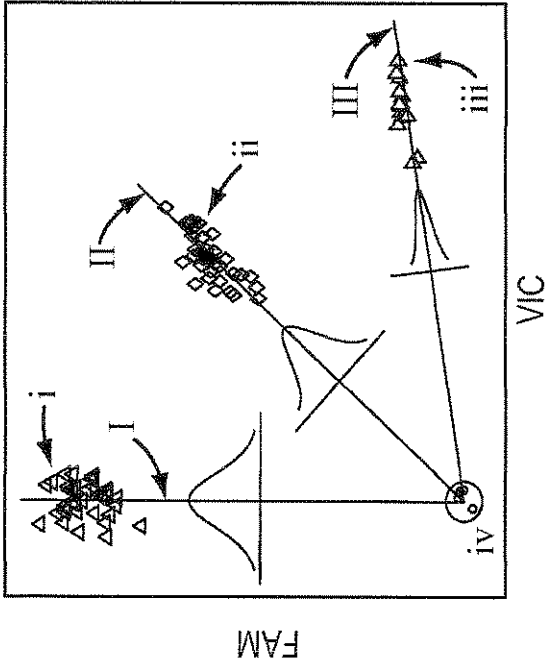


FIG. 8C

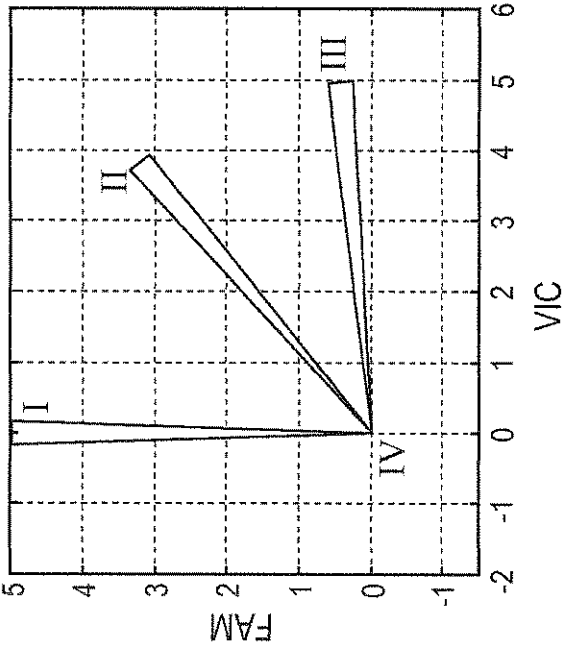


FIG. 8B

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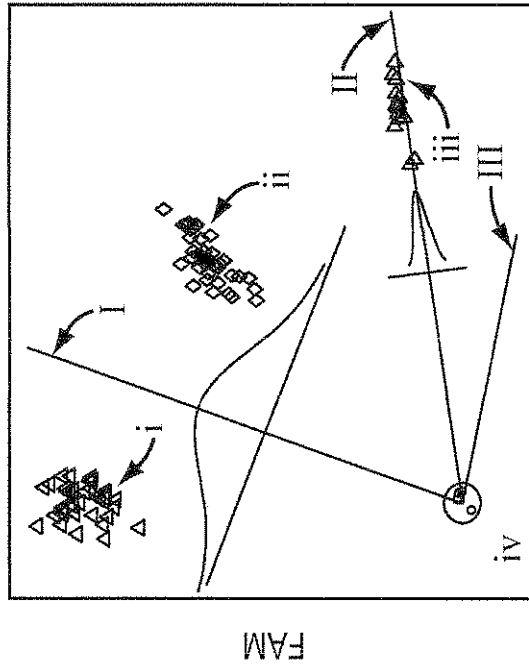


FIG. 9C

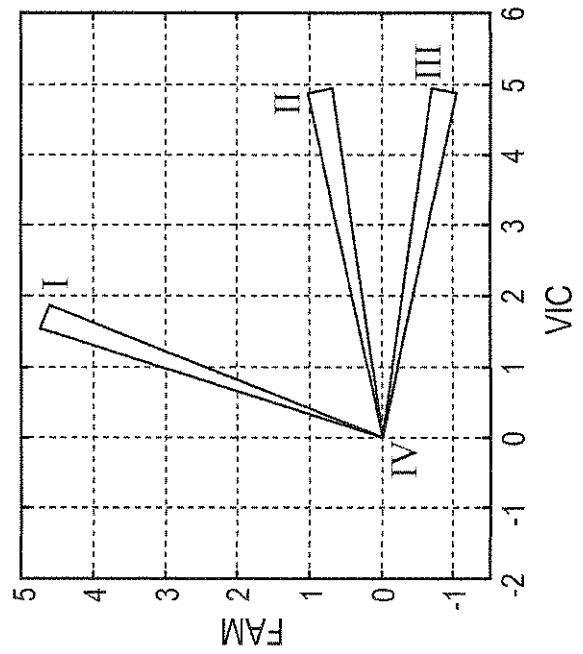


FIG. 9B

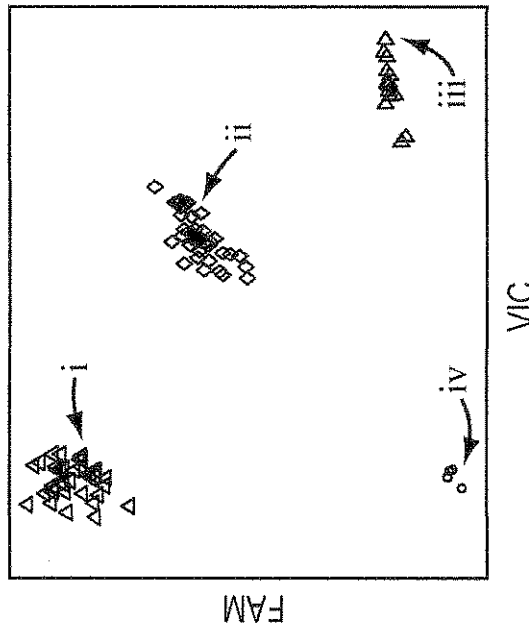
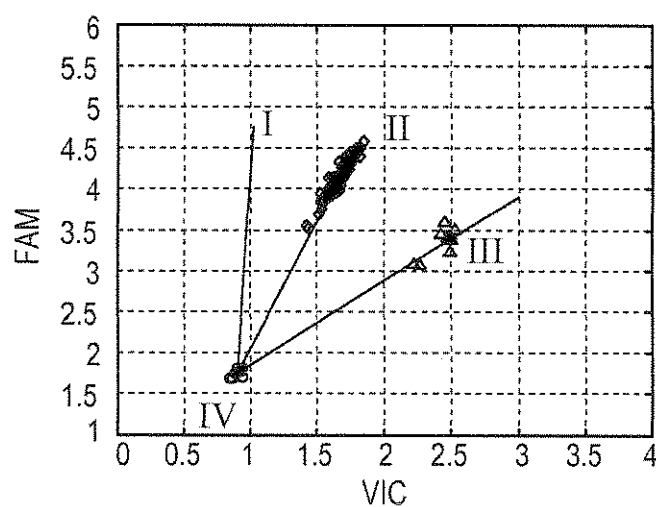


FIG. 9A

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$$L_i =$$

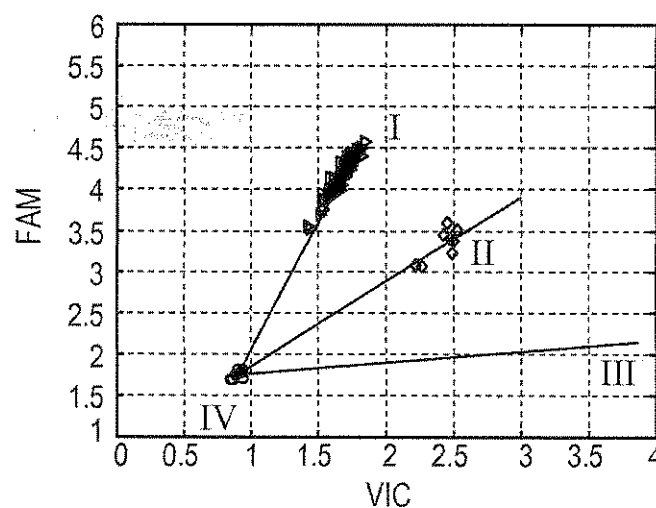
$$\sum L_{i,k} + L_{i,a \text{ priori}} + L_{i, \text{Hardy Weinberg}} = 147.66$$

$$\sum L_{i,k} = 178.22$$

$$L_{i,a \text{ priori}} = -5.97$$

$$L_{i, \text{Hardy Weinberg}} = -24.59$$

Fig. 10A



$$L_i =$$

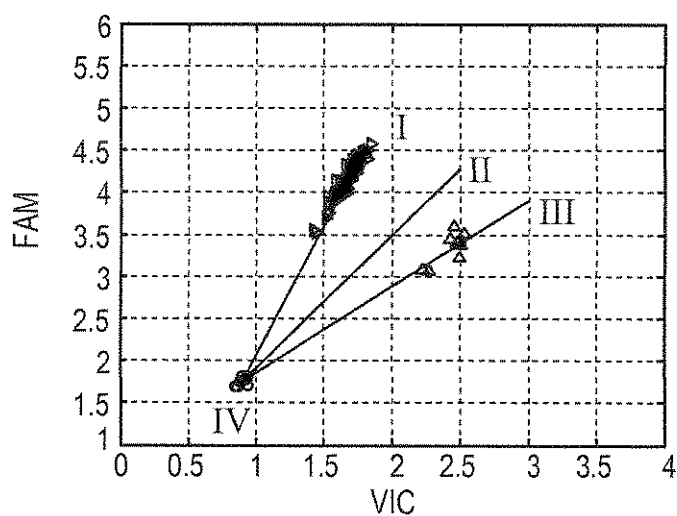
$$\sum L_{i,k} + L_{i,a \text{ priori}} + L_{i, \text{Hardy Weinberg}} = 163.85$$

$$\sum L_{i,k} = 171.29$$

$$L_{i,a \text{ priori}} = -6.95$$

$$L_{i, \text{Hardy Weinberg}} = -0.49$$

Fig. 10B



$$L_i =$$

$$\sum L_{i,k} + L_{i,a \text{ priori}} + L_{i, \text{Hardy Weinberg}} = 141.99$$

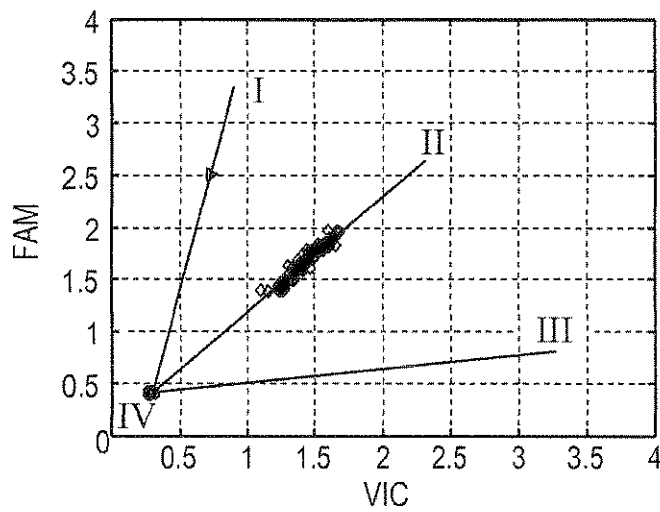
$$\sum L_{i,k} = 179.23$$

$$L_{i,a \text{ priori}} = -10.24$$

$$L_{i, \text{Hardy Weinberg}} = -27.0$$

Fig. 10C

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$$L_i =$$

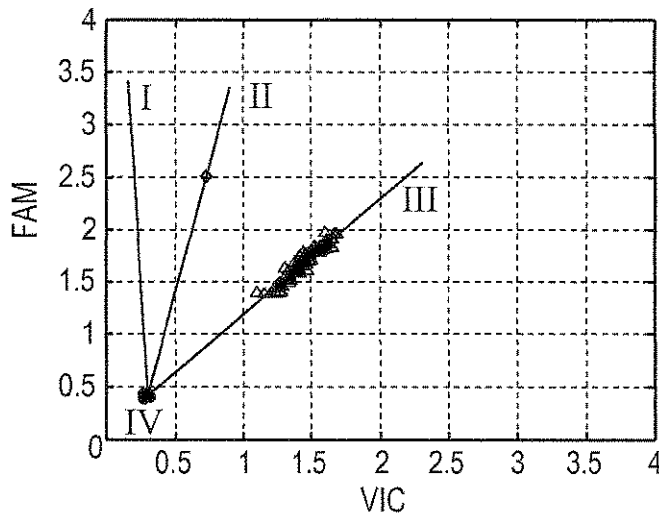
$$\sum L_{i,k} + L_{i,a \text{ priori}} + L_{i, \text{Hardy Weinberg}} = 148.42$$

$$\sum L_{i,k} = 181.08$$

$$L_{i,a \text{ priori}} = -5.66$$

$$L_{i, \text{Hardy Weinberg}} = -27.00$$

Fig. 11A



$$L_i =$$

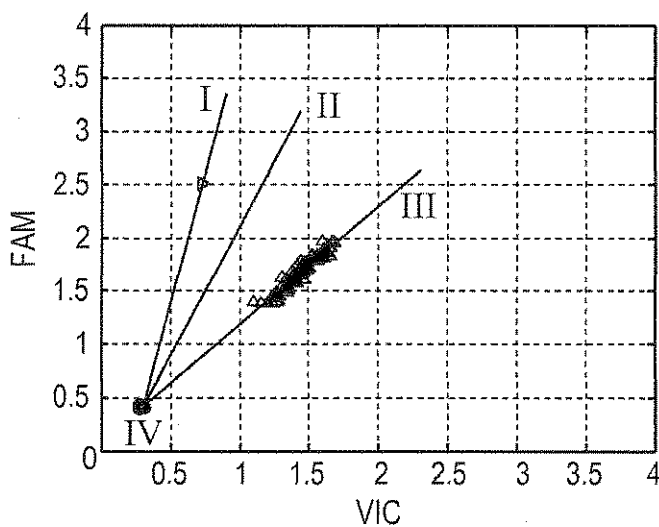
$$\sum L_{i,k} + L_{i,a \text{ priori}} + L_{i, \text{Hardy Weinberg}} = 179.22$$

$$\sum L_{i,k} = 186.75$$

$$L_{i,a \text{ priori}} = -6.79$$

$$L_{i, \text{Hardy Weinberg}} = -0.74$$

Fig. 11B



$$L_i =$$

$$\sum L_{i,k} + L_{i,a \text{ priori}} + L_{i, \text{Hardy Weinberg}} = 150.59$$

$$\sum L_{i,k} = 186.73$$

$$L_{i,a \text{ priori}} = -9.14$$

$$L_{i, \text{Hardy Weinberg}} = -27.0$$

Fig. 11C