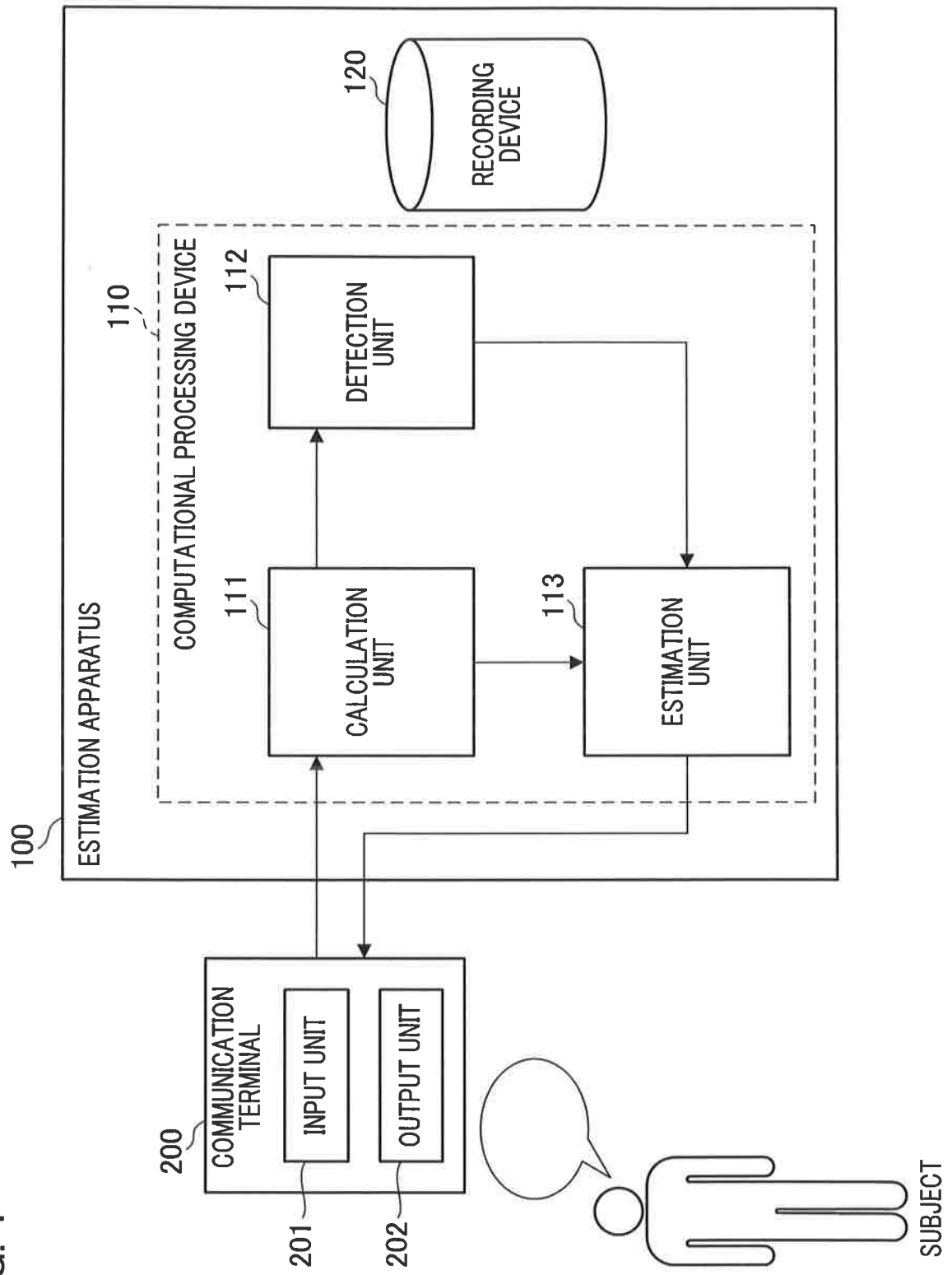


FIG. 1



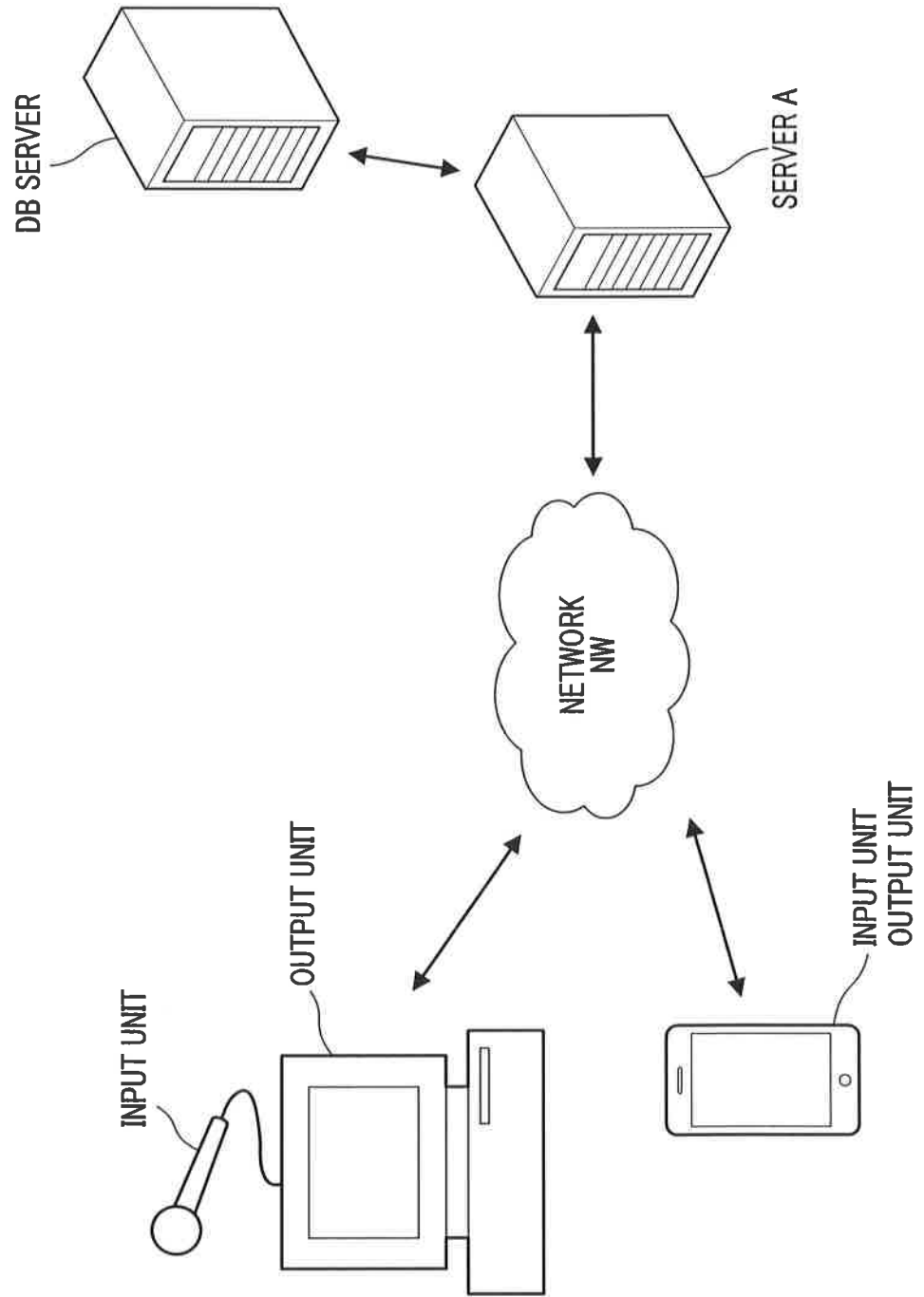


FIG. 2

FIG. 3

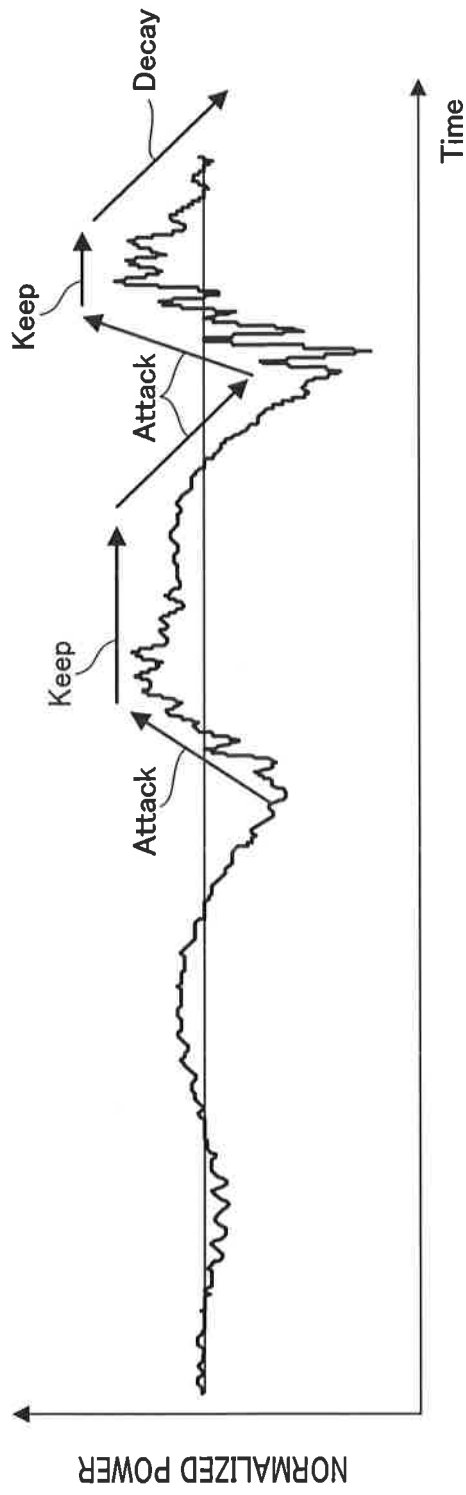
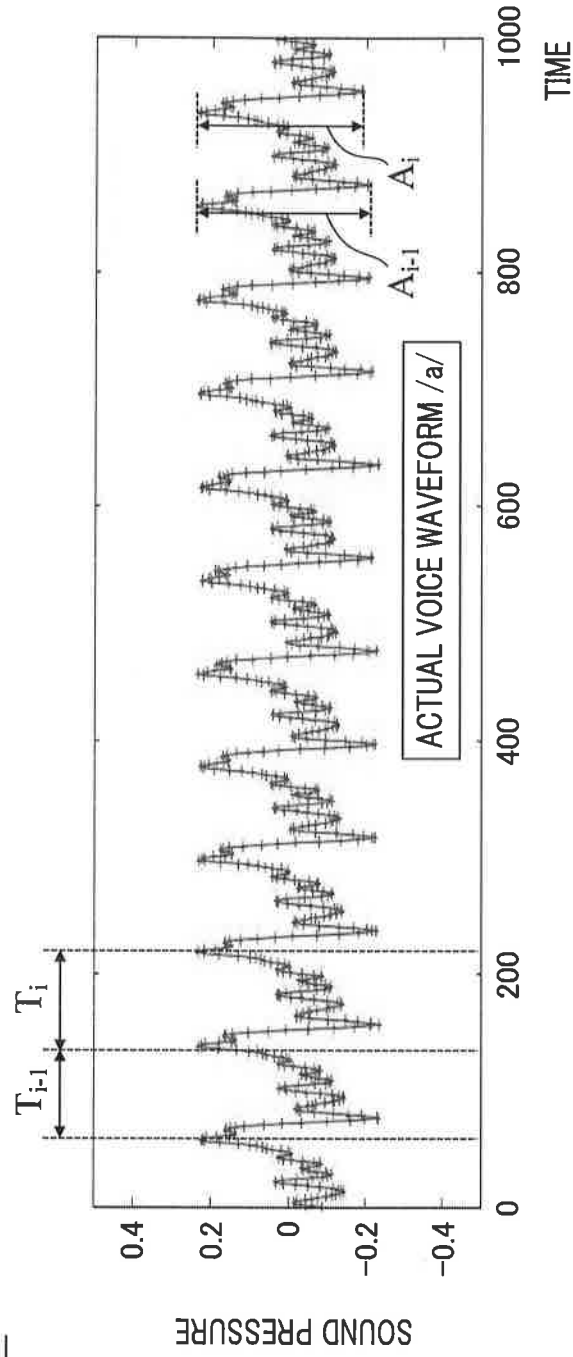


FIG. 4



$$\text{PITCH: } F_0 \approx \frac{1}{T}$$

$$\text{Jitter} = \frac{\sum_{i=1}^{N-1} \frac{1}{N-1} |T_i - T_{i-1}|}{\bar{T}_i} \quad \text{DISORDER OF CYCLE}$$

$$\text{Shimmer} = \frac{\sum_{i=1}^{N-1} \frac{\bar{T}_i}{N-1} |A_i - A_{i-1}|}{\bar{A}_i} \quad \text{DISORDER OF AMPLITUDE}$$

FIG. 5

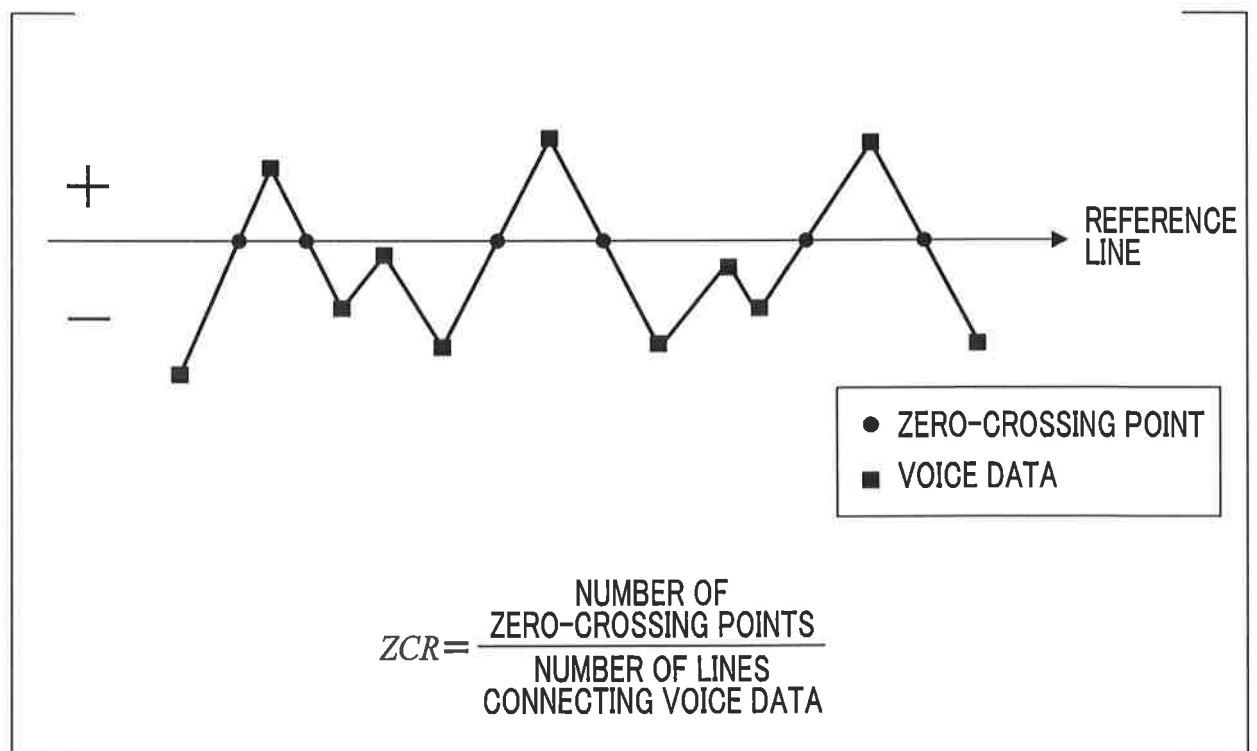


FIG. 6

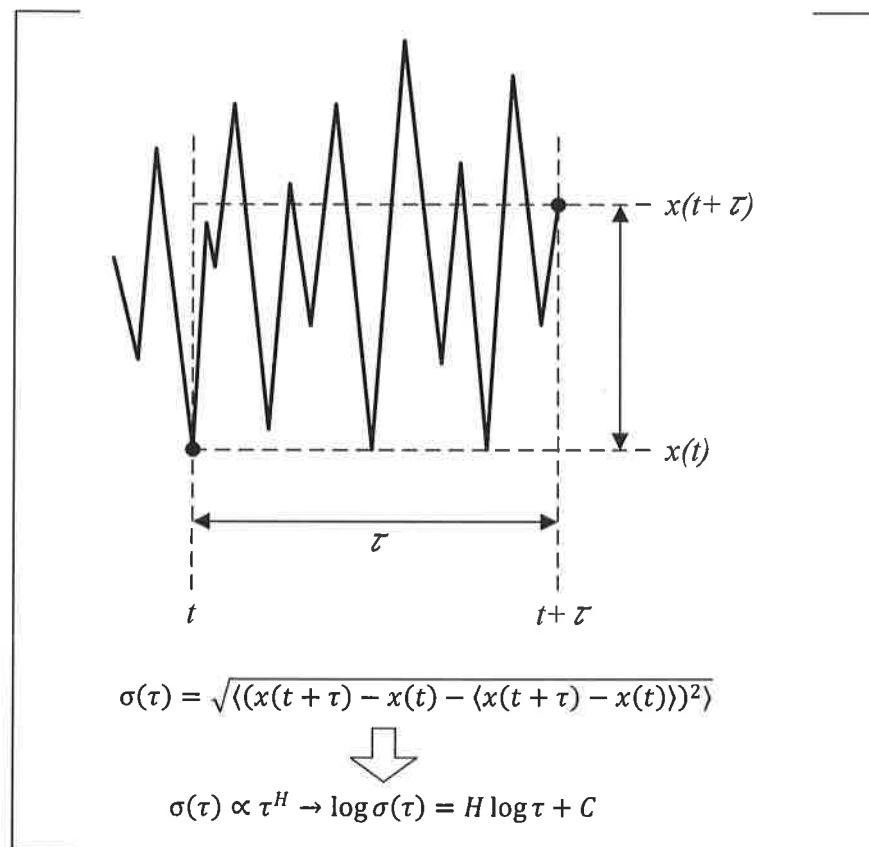


FIG. 7

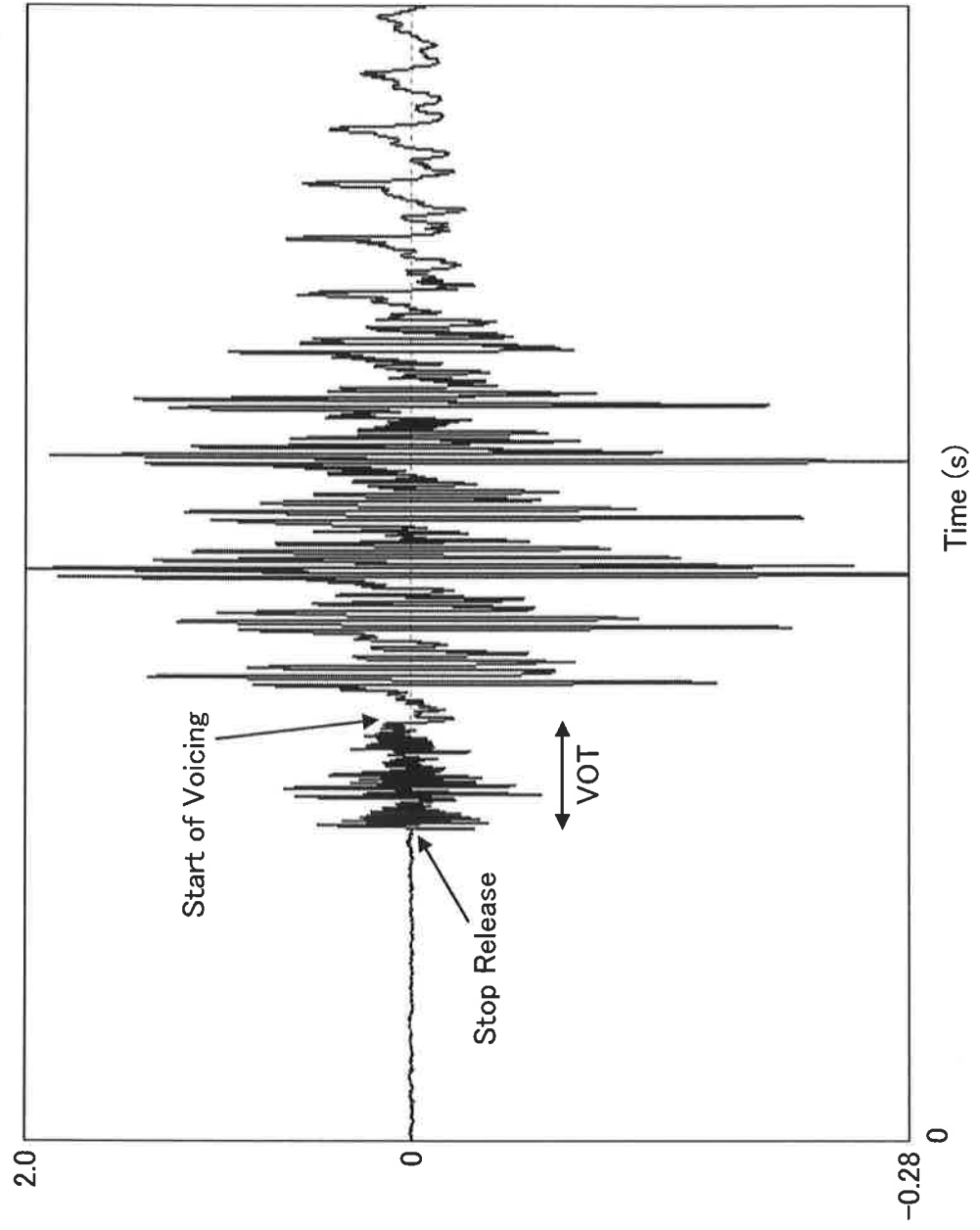


FIG. 8

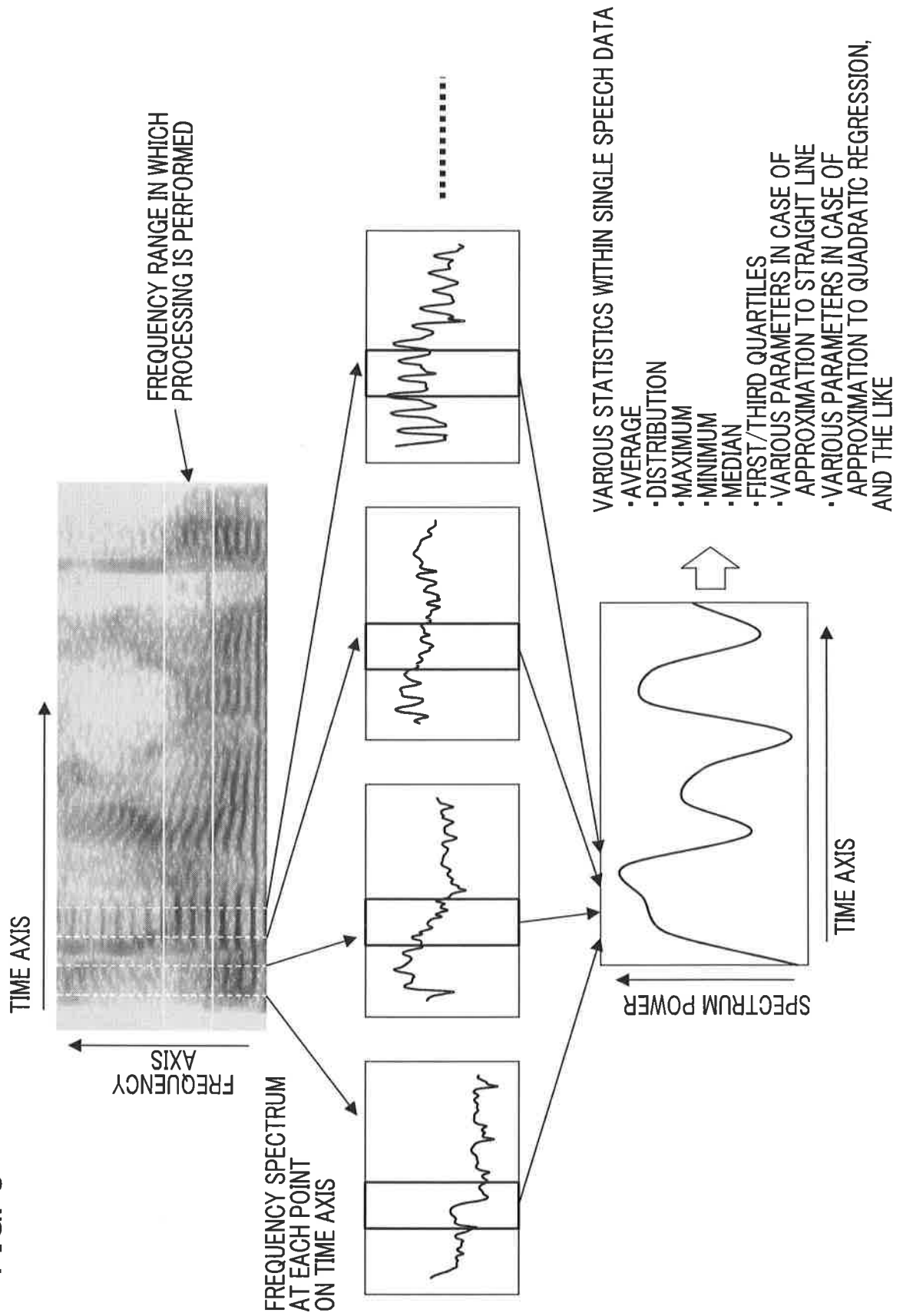


FIG. 9

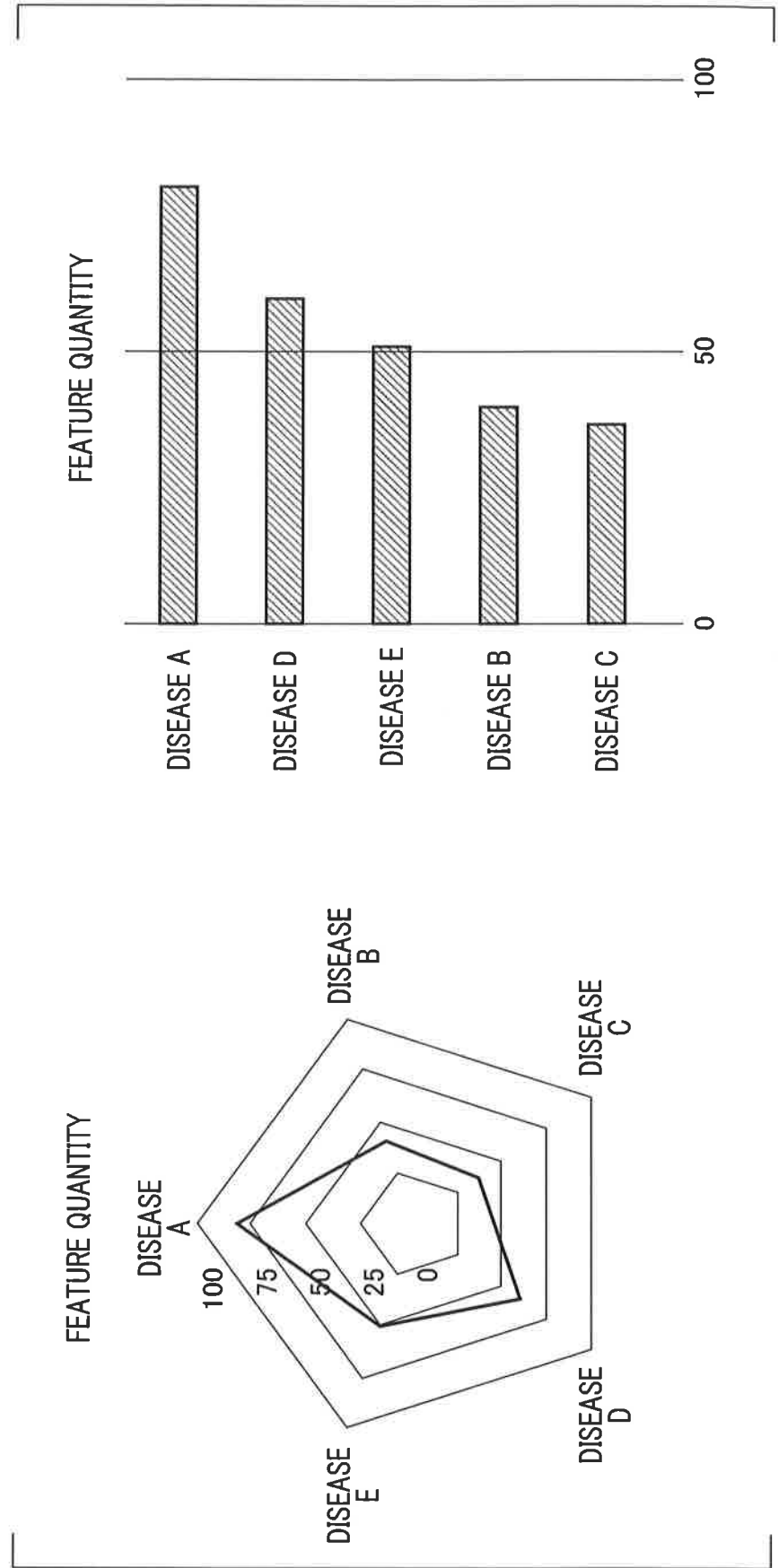


FIG. 10

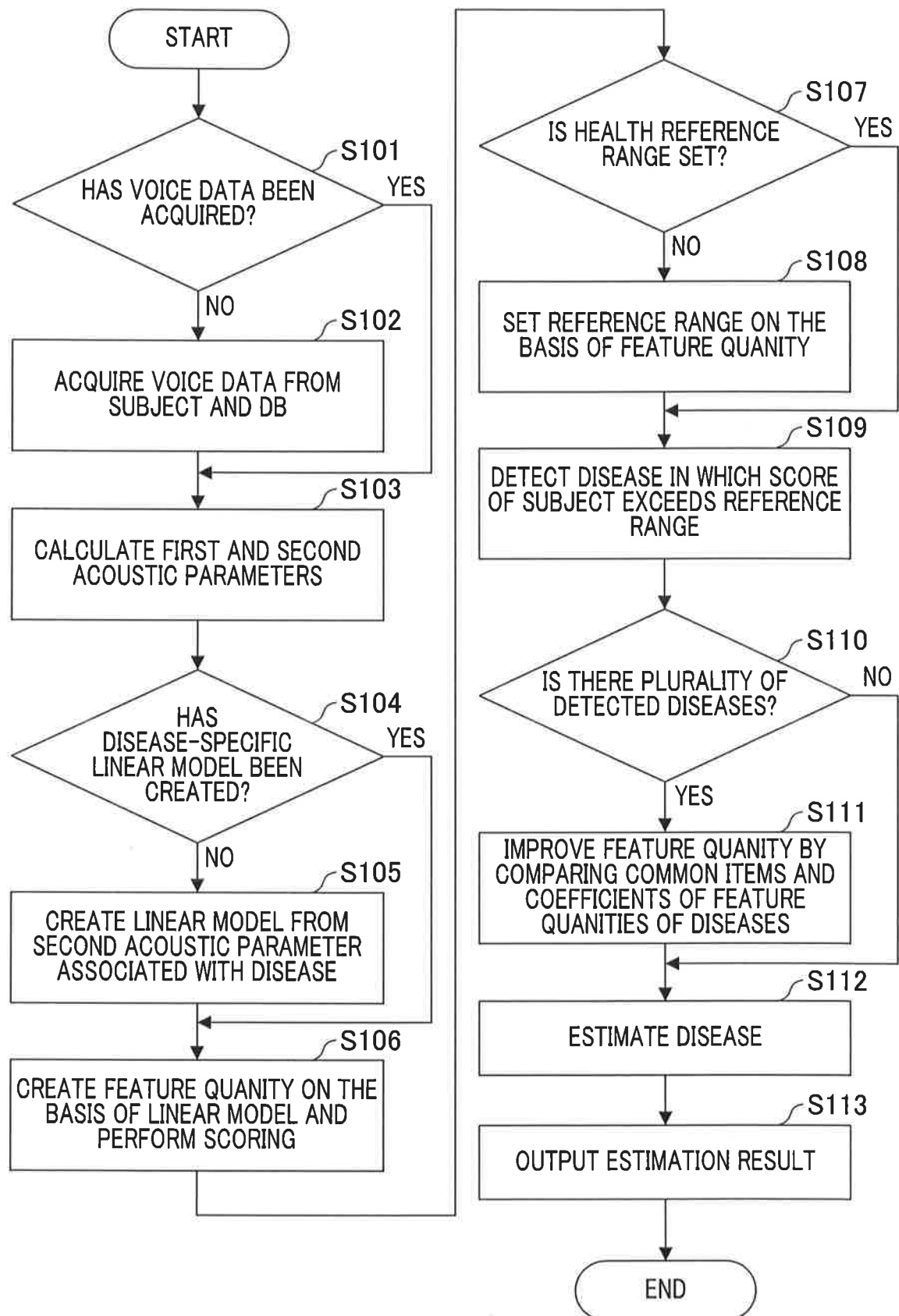


FIG. 11

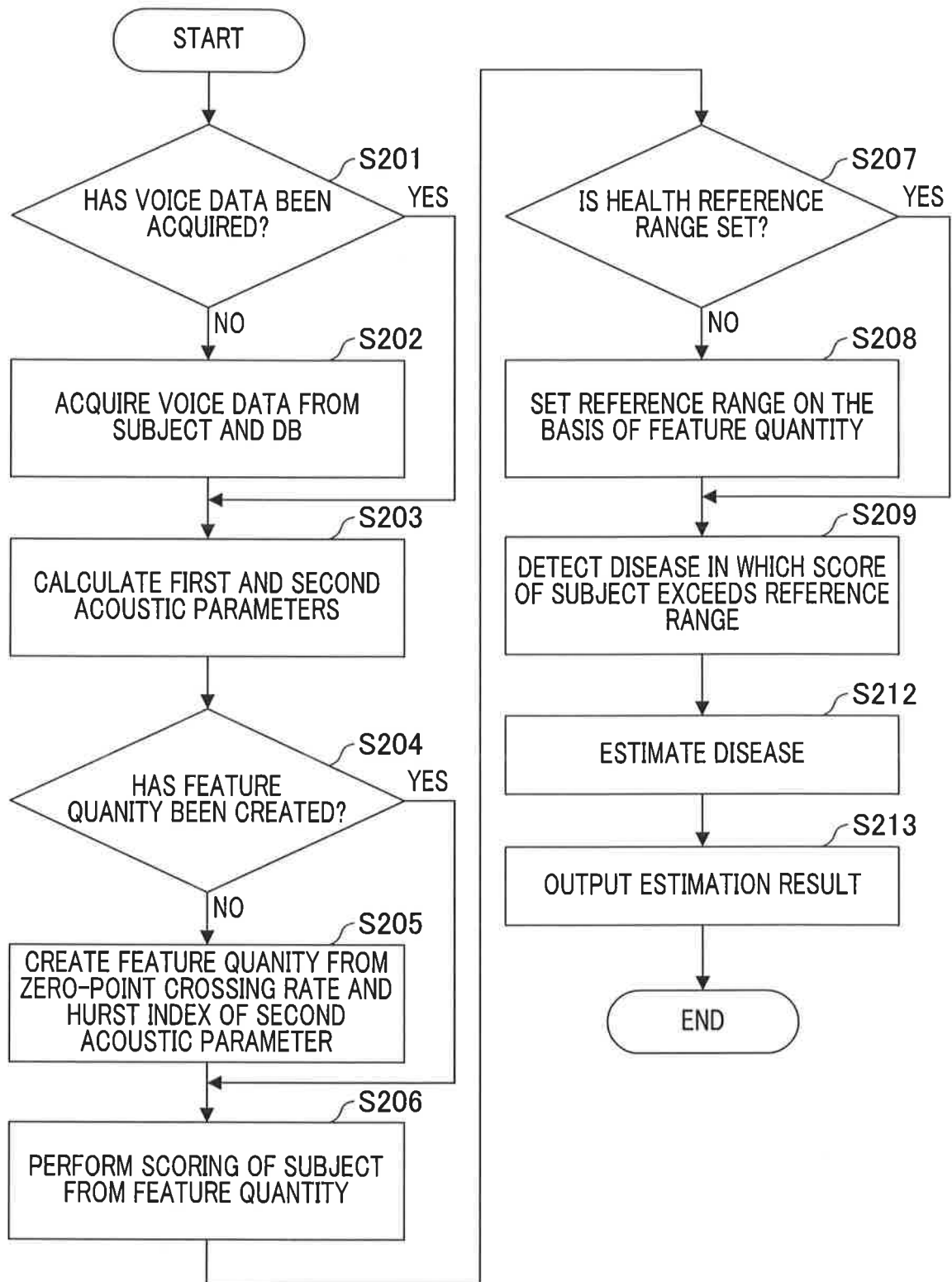


FIG. 12

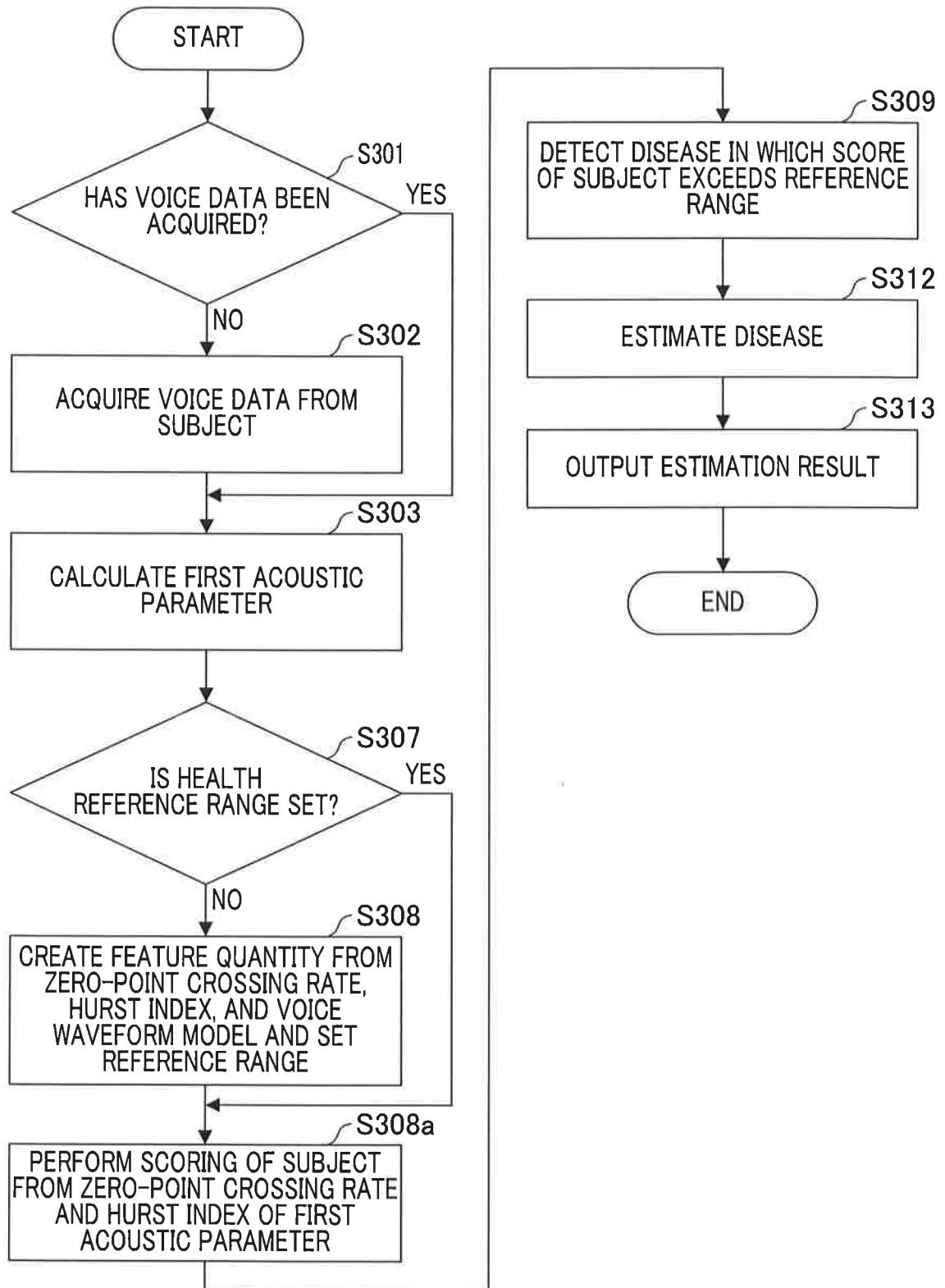


FIG. 13A

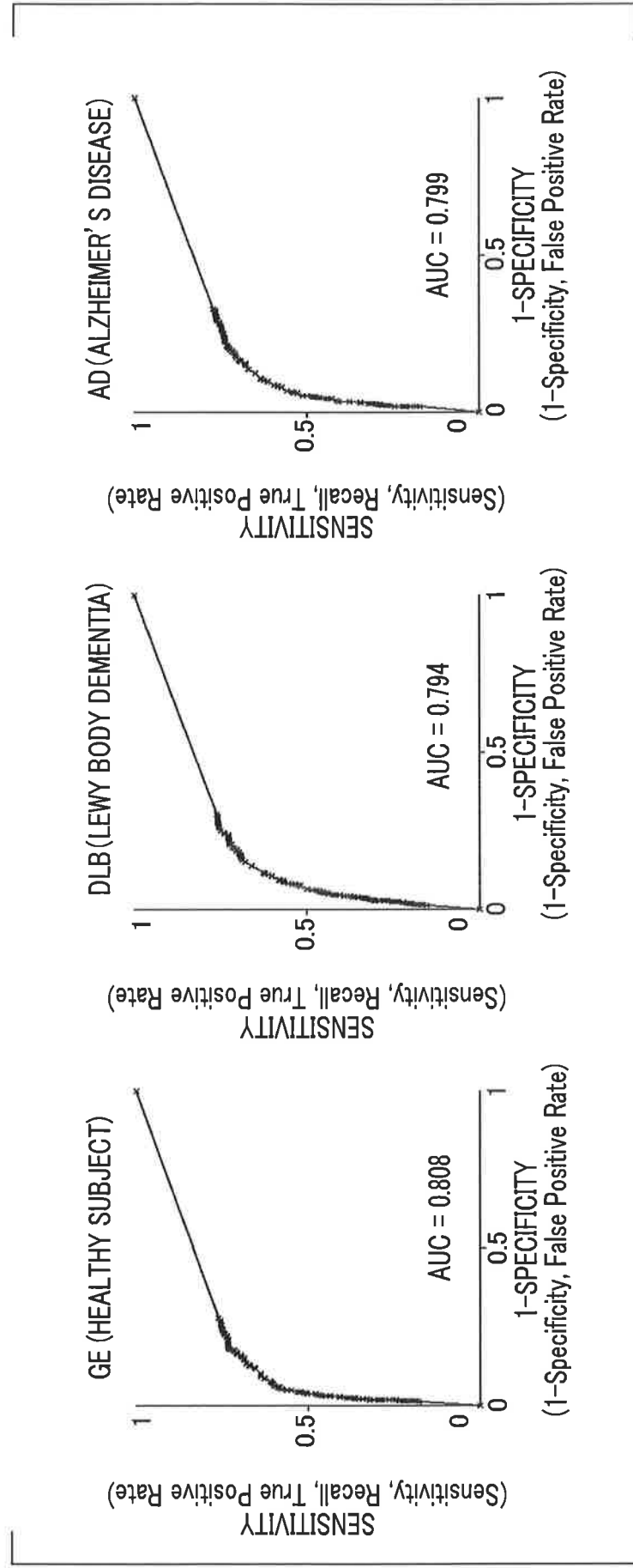


FIG. 13B

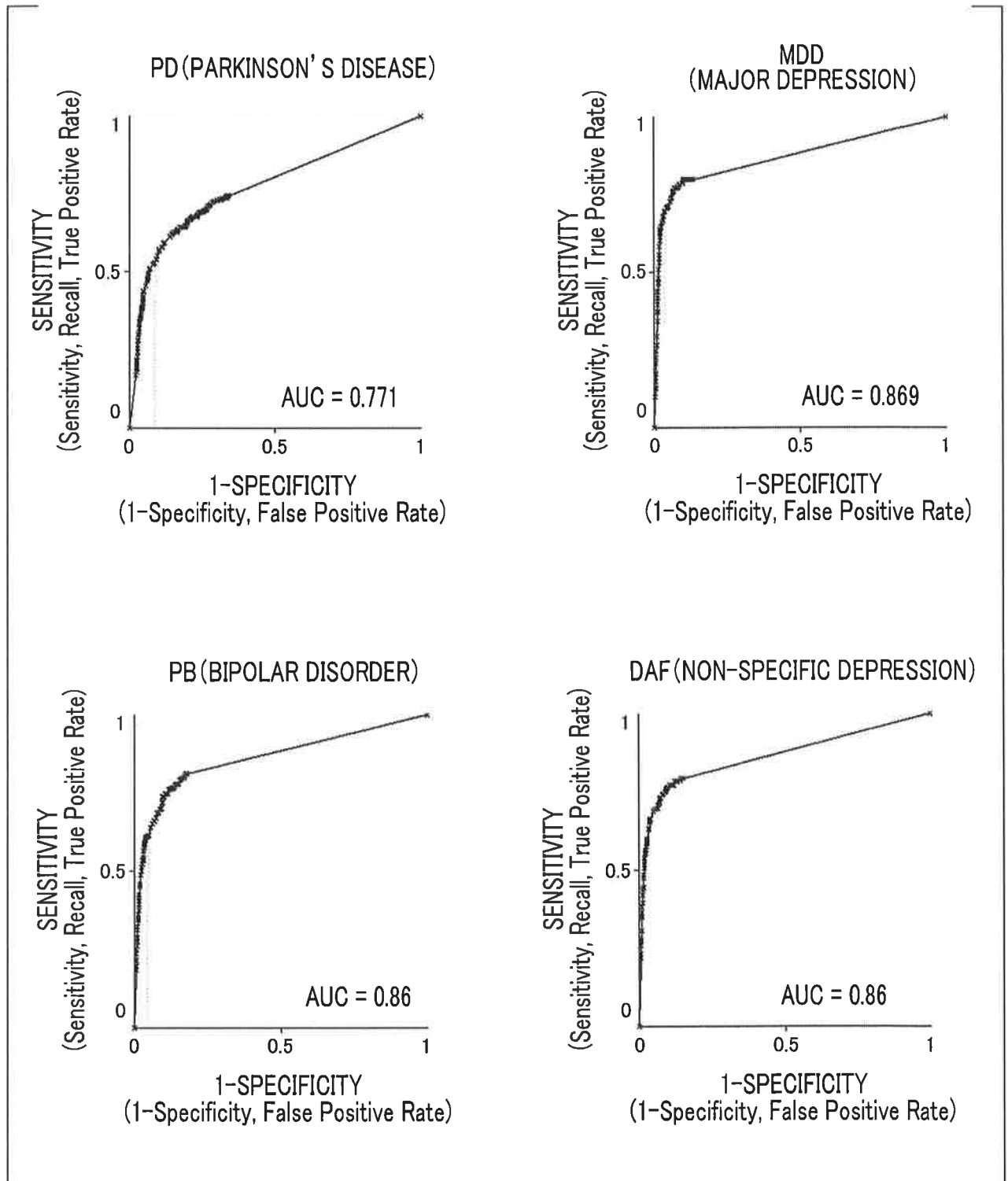


FIG. 14

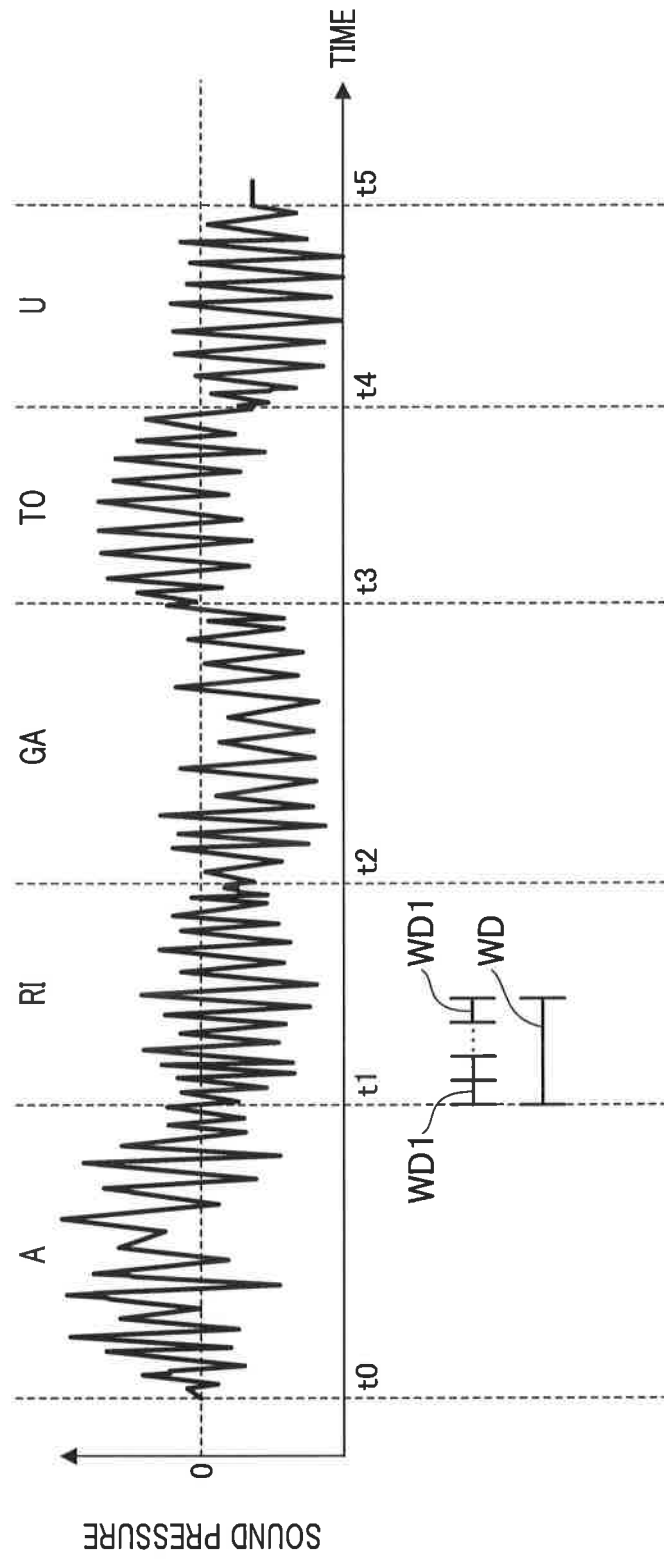


FIG. 15

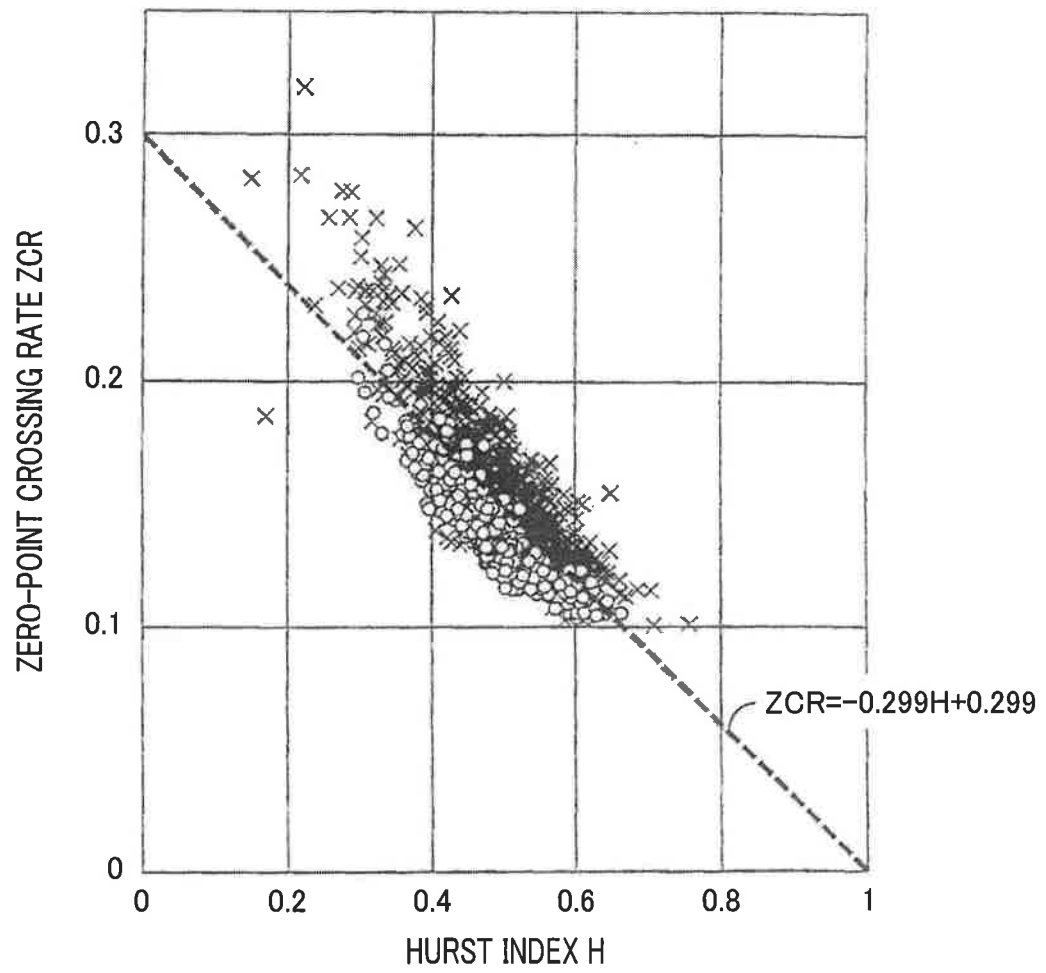


FIG. 16

