

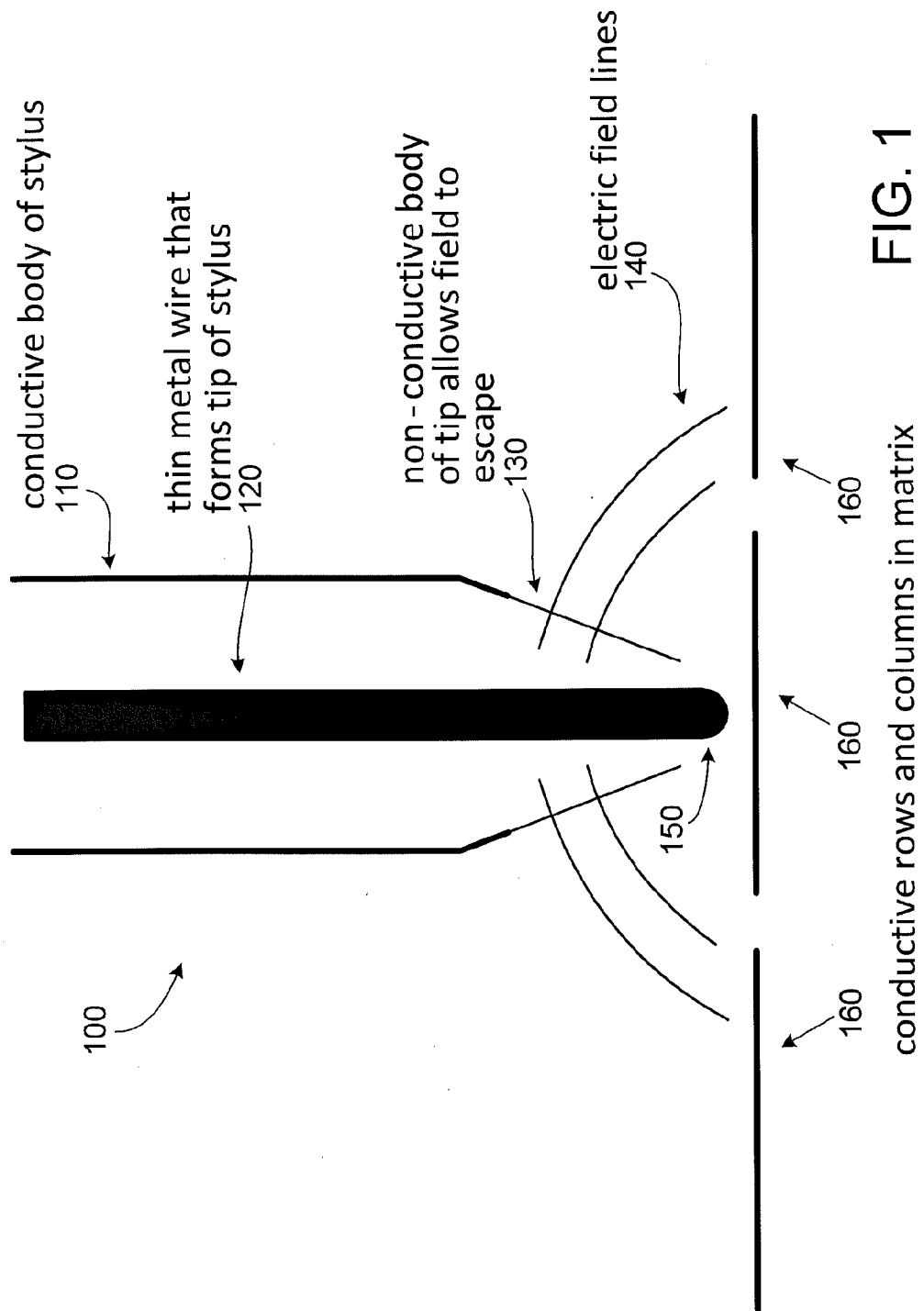


FIG. 1

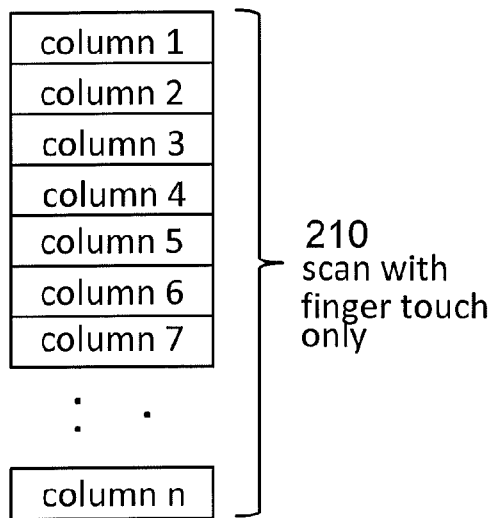


FIG. 2A

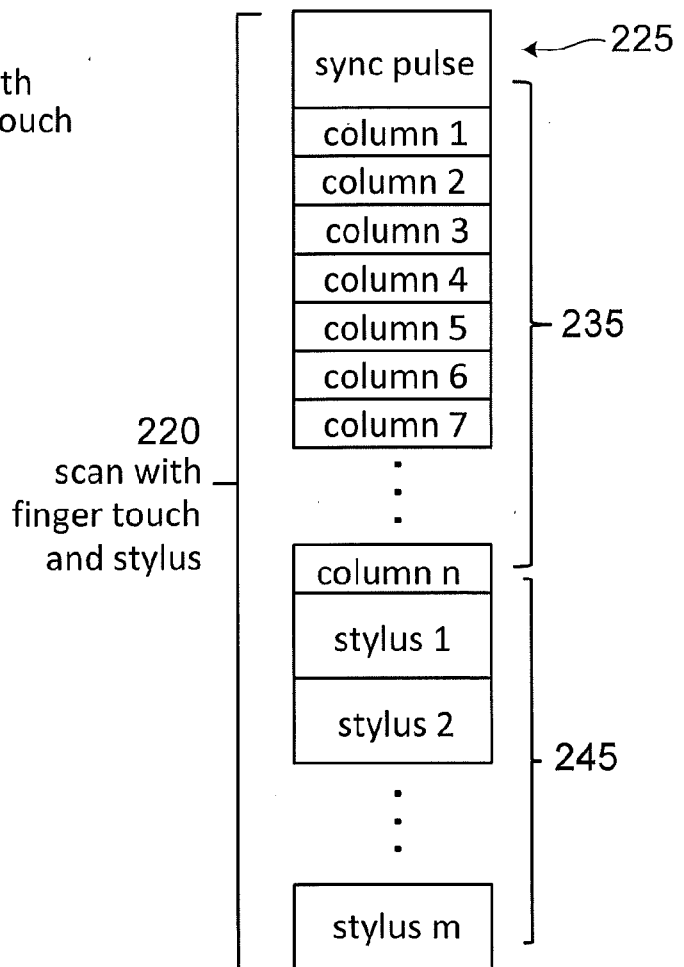


FIG. 2B

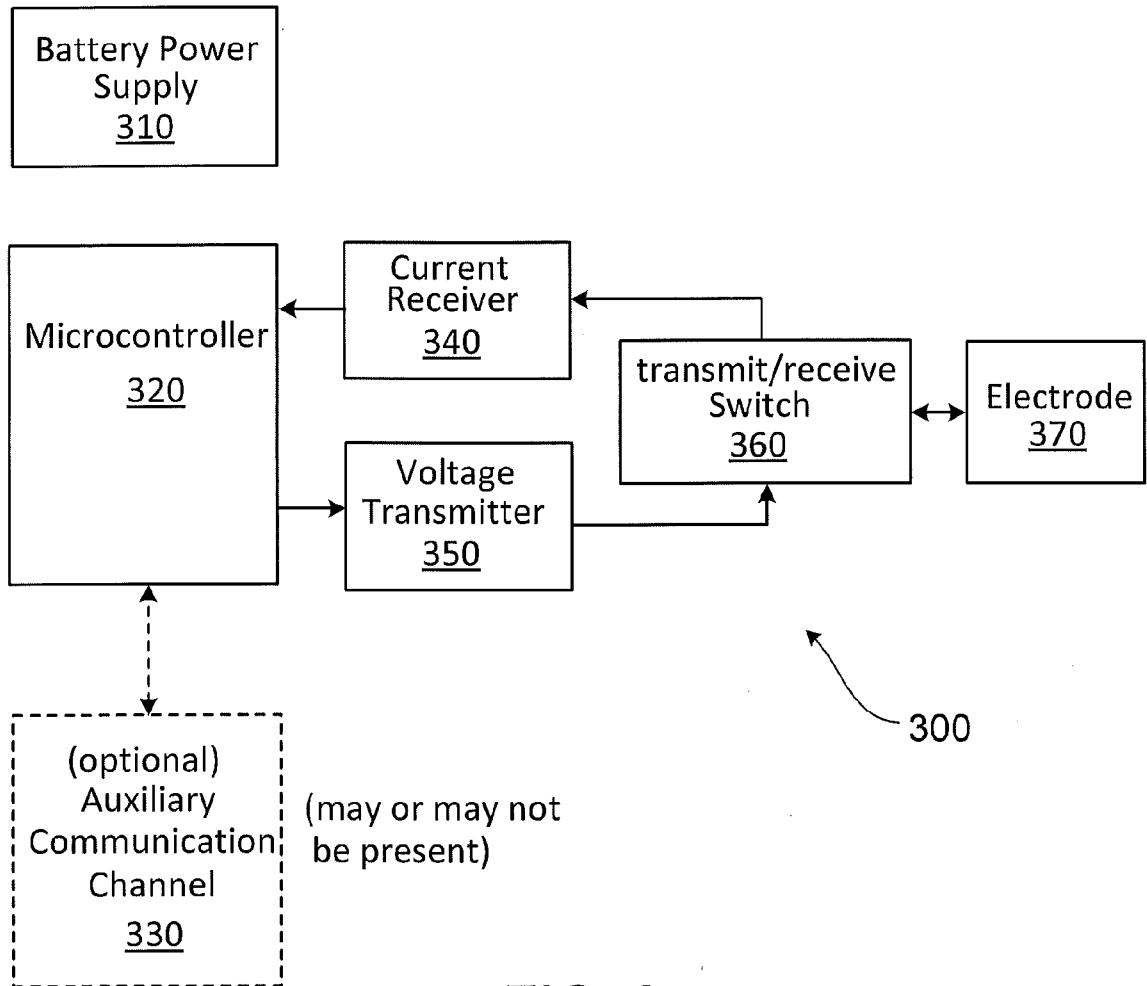


FIG. 3

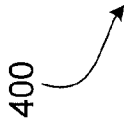
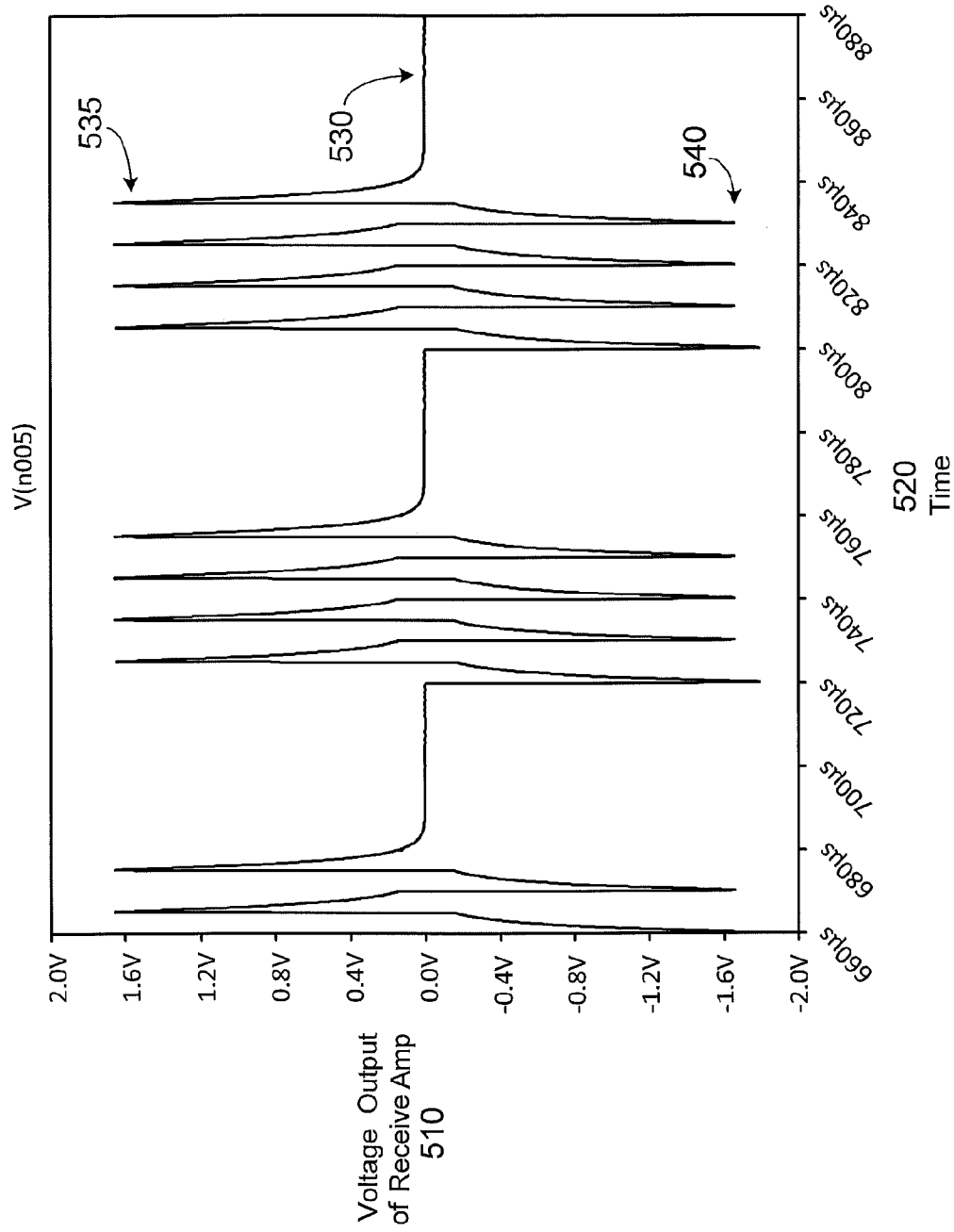
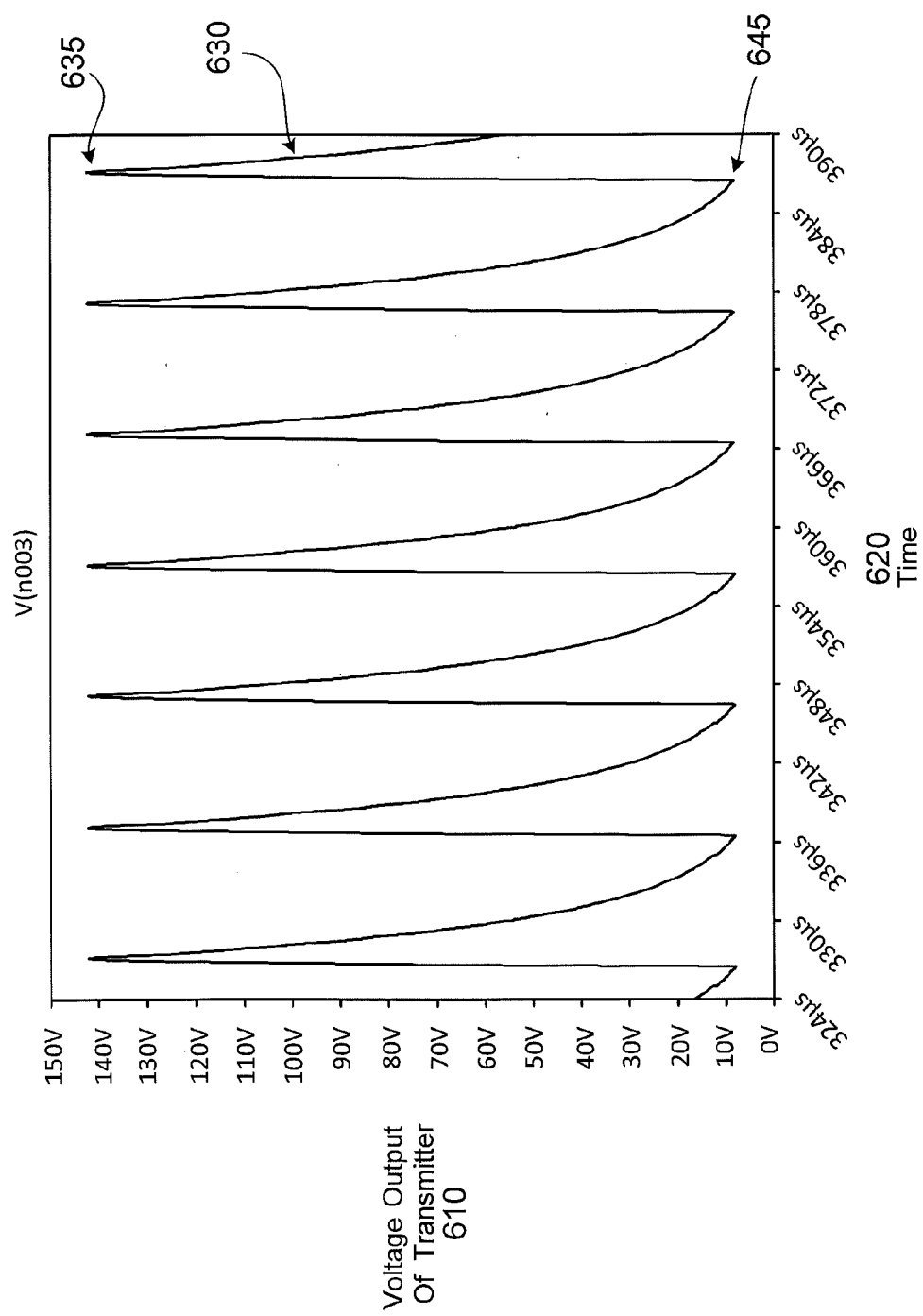


FIG. 4



Output of receive amp, with square wave input of 200 V p-p coupling through 100 fF, $R_{pd} = 100k$, $C_{stray} = 7$ pF, $C_f = 10$ pF, $R_f = 200k$

FIG. 5



Output of transmitter, with $V_{in} = 3\text{ V}$, $C_{stray} = 7\text{ pF}$, $R_{pd} = 100\text{ k}$, $L_{pri} = 200\text{ uH}$, $L_{sec} = 10\text{ mH}$ (for 1:7 turns ratio)

FIG. 6