

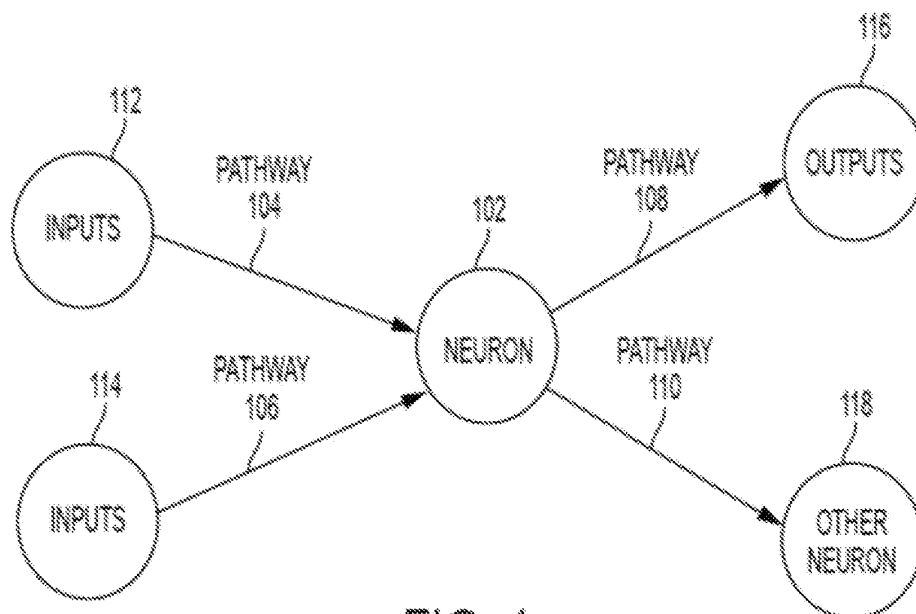
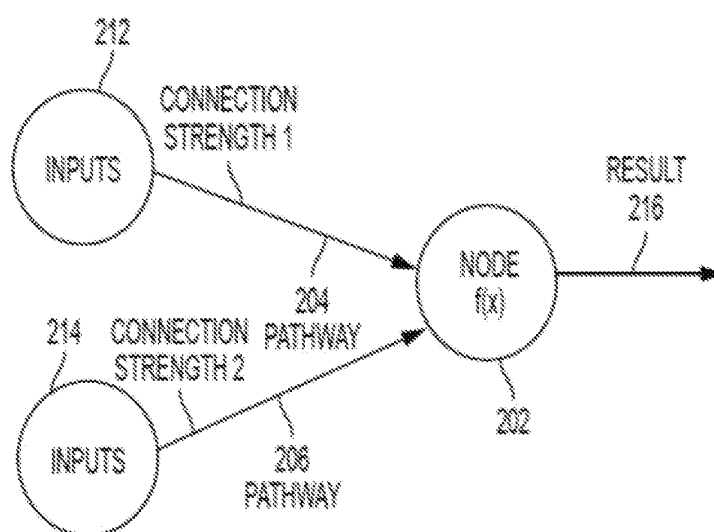


FIG. 1



$$f(x) = f(\text{INPUT 1} * \text{CONNECTION STRENGTH 1} + \text{INPUT 2} * \text{CONNECTION STRENGTH 2})$$

FIG. 2

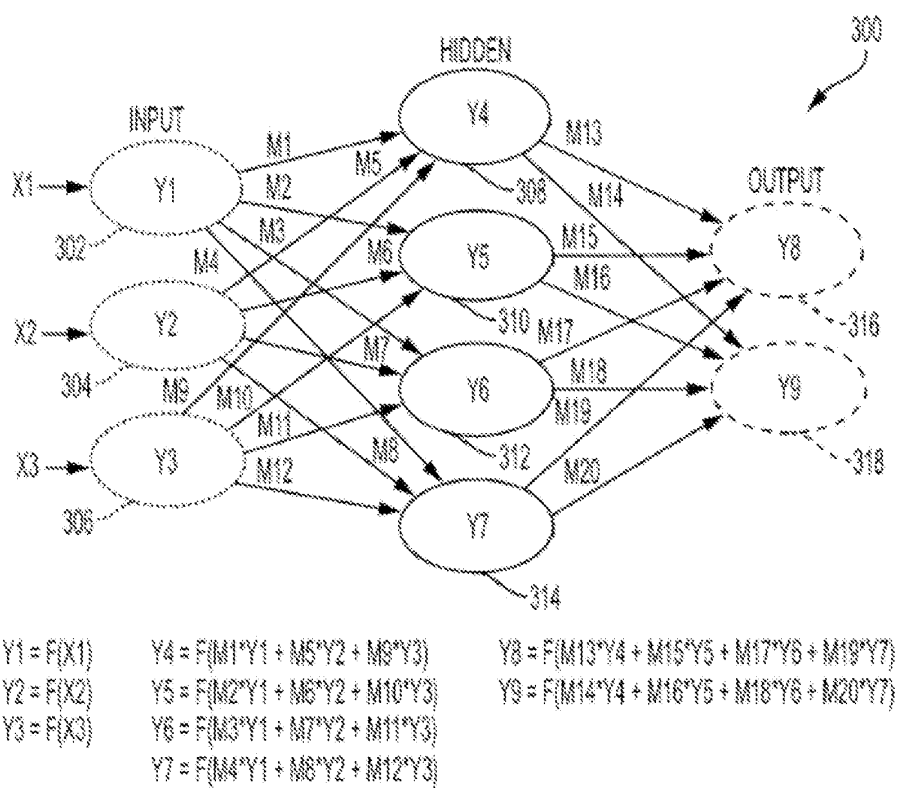


FIG. 3

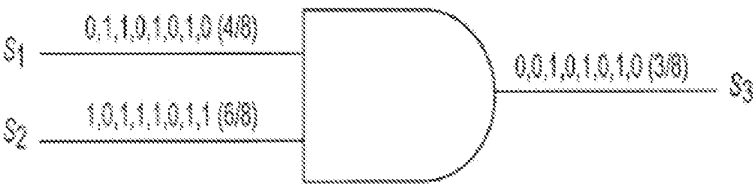


FIG. 4

$i = g(s,v)v$ EQUATION [1]

$\frac{\partial s(t)}{\partial t} = f(s,v)$ EQUATION [2]

FIG. 5

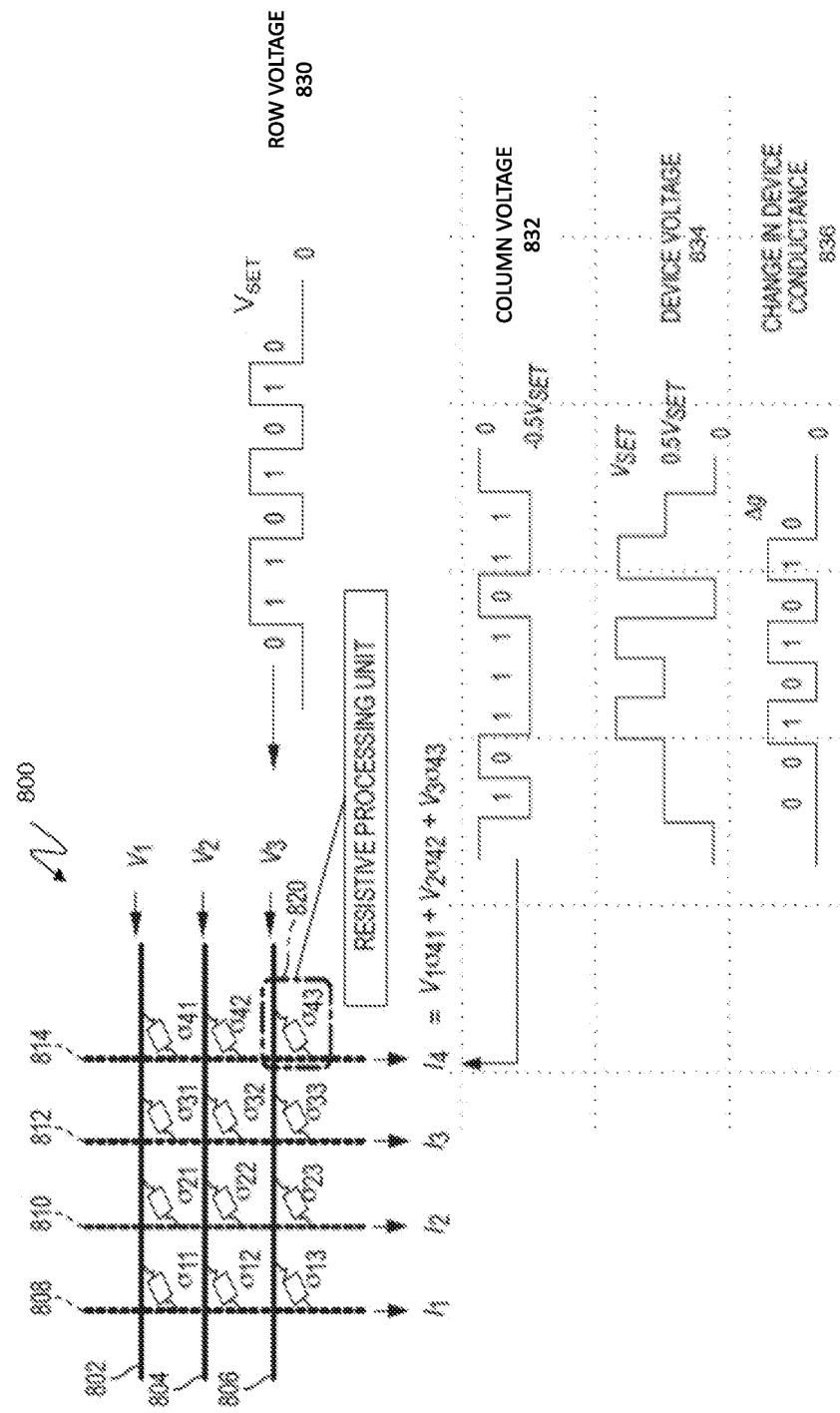


FIG. 6

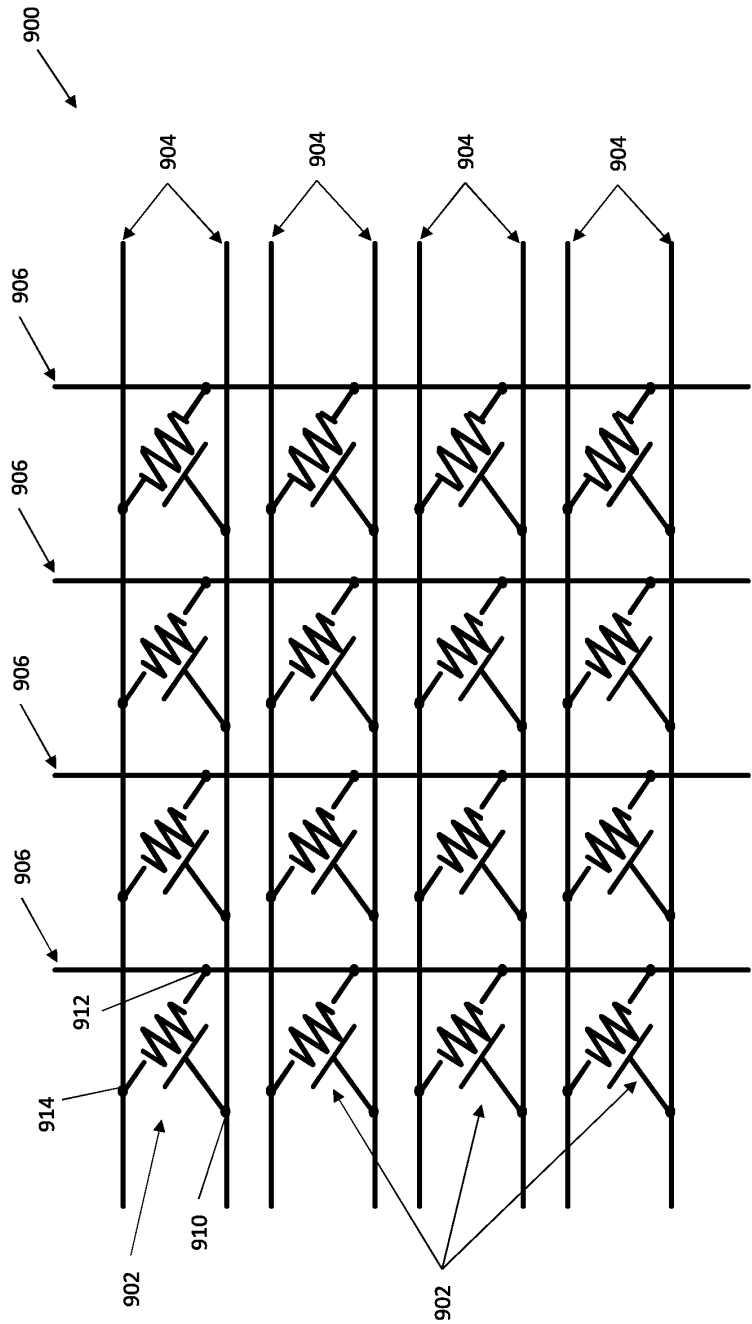


FIG. 7