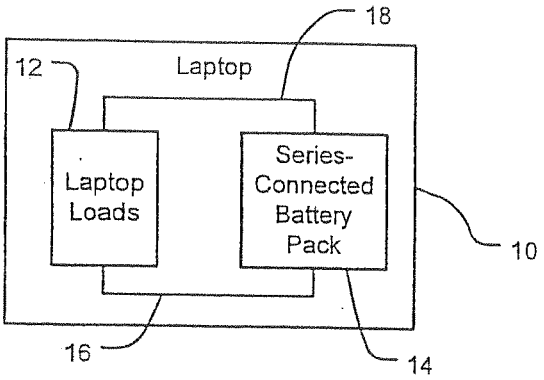


FIG. 1A
Prior art

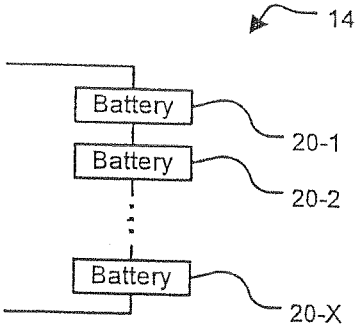


FIG. 1B
Prior art

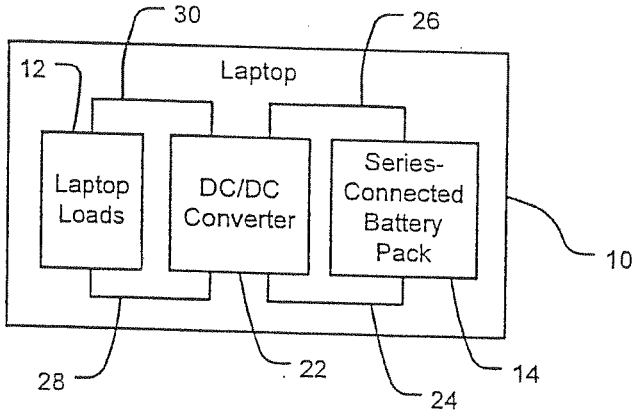


FIG. 1C
Prior art

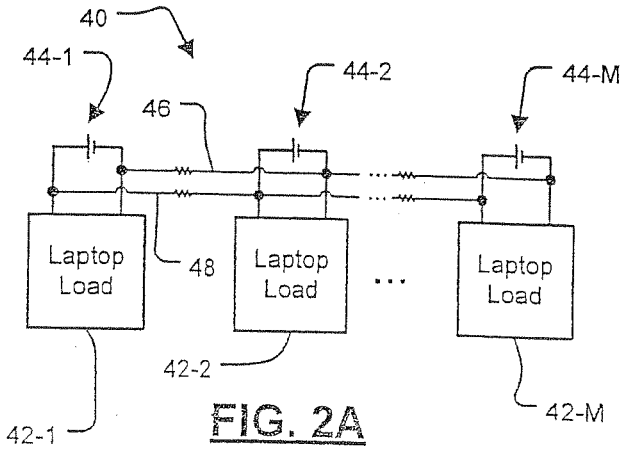


FIG. 2A

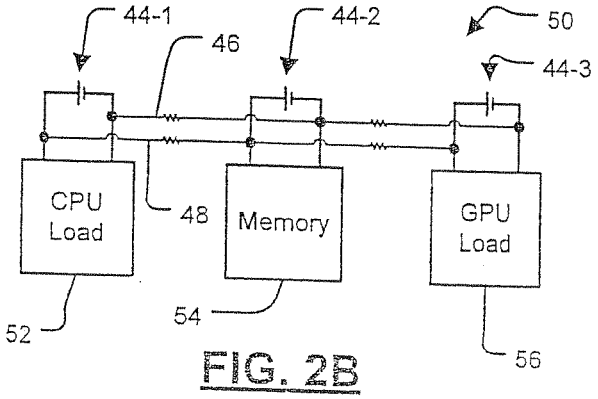


FIG. 2B

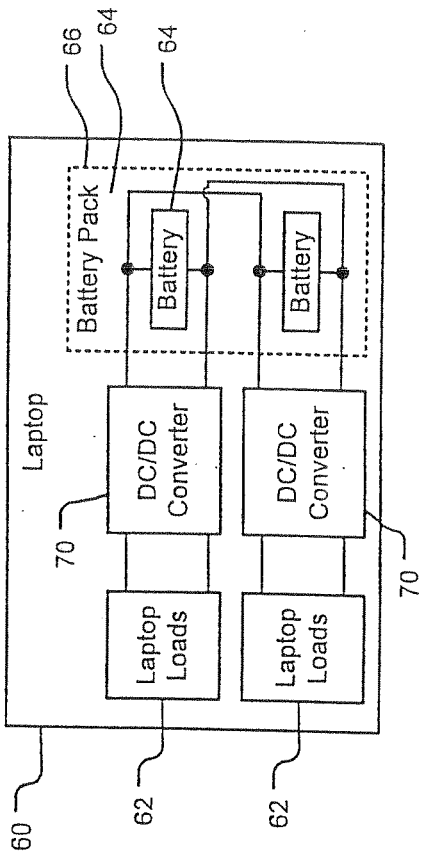


FIG. 3B

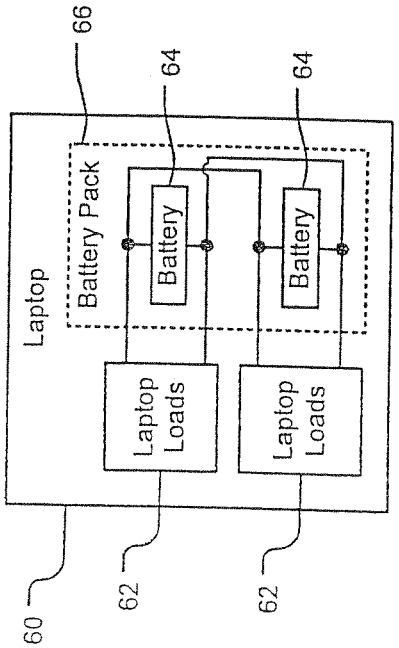


FIG. 3A

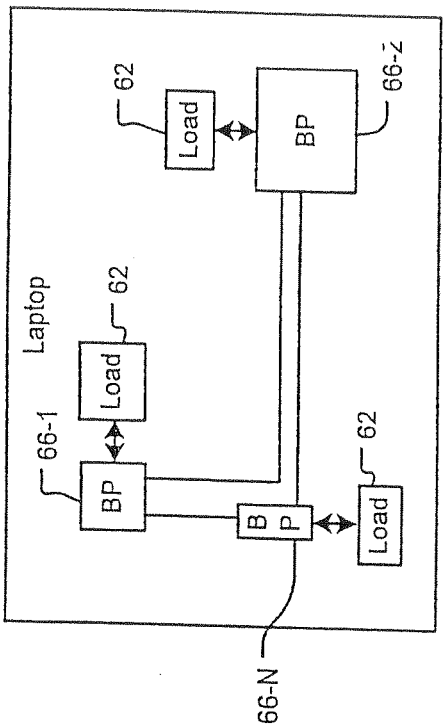


FIG. 3D

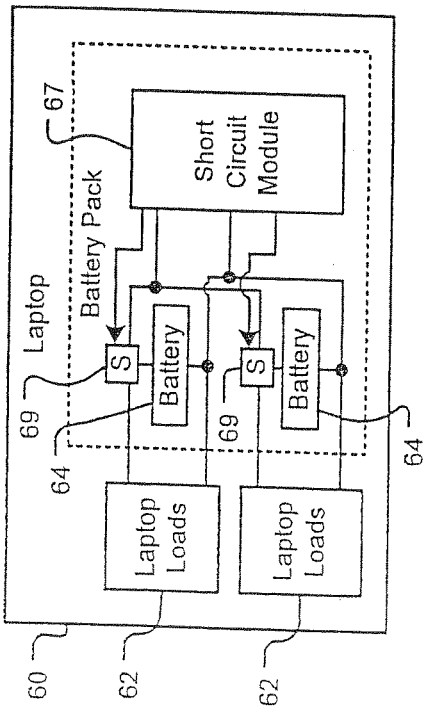


FIG. 3C

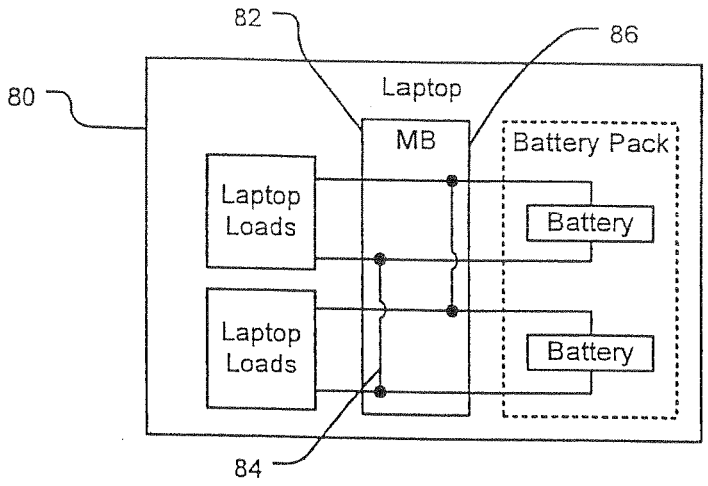

82
86
80
Laptop
MB
Battery Pack
Laptop Loads
Battery
Laptop Loads
Battery
84

FIG. 4A

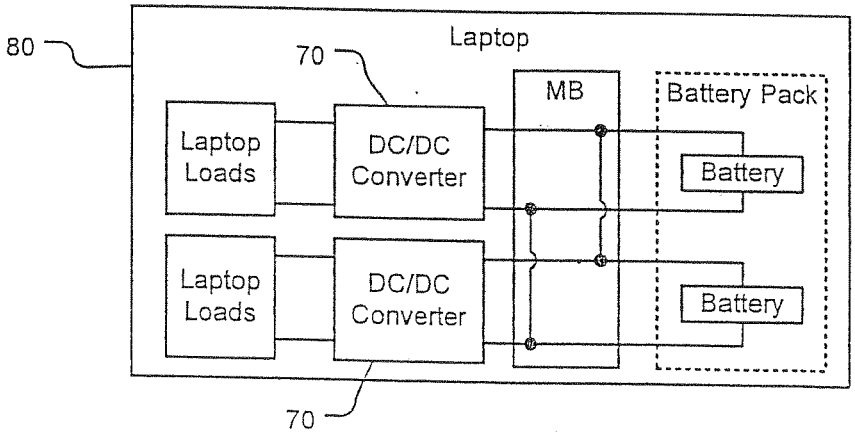

80
Laptop
70
MB
Battery Pack
Laptop Loads
DC/DC Converter
Battery
Laptop Loads
DC/DC Converter
Battery
70

FIG. 4B

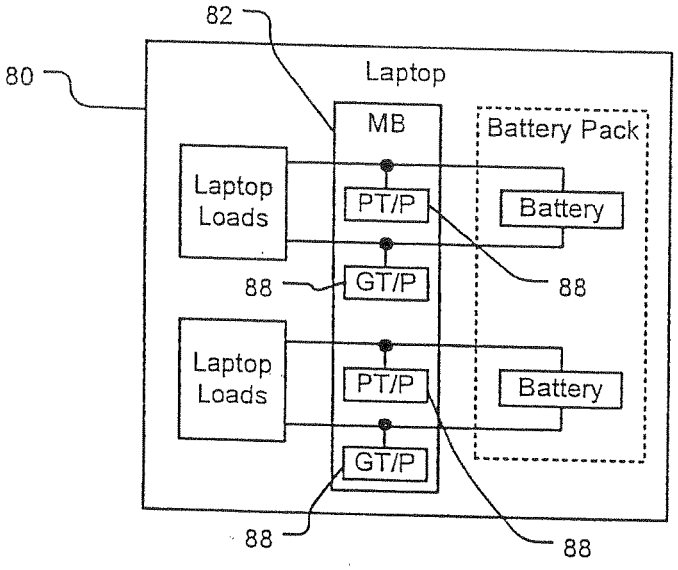

82
80
Laptop
MB
Battery Pack
Laptop Loads
PT/P
Battery
88
GT/P
88
Laptop Loads
PT/P
Battery
GT/P
88
88

FIG. 5A

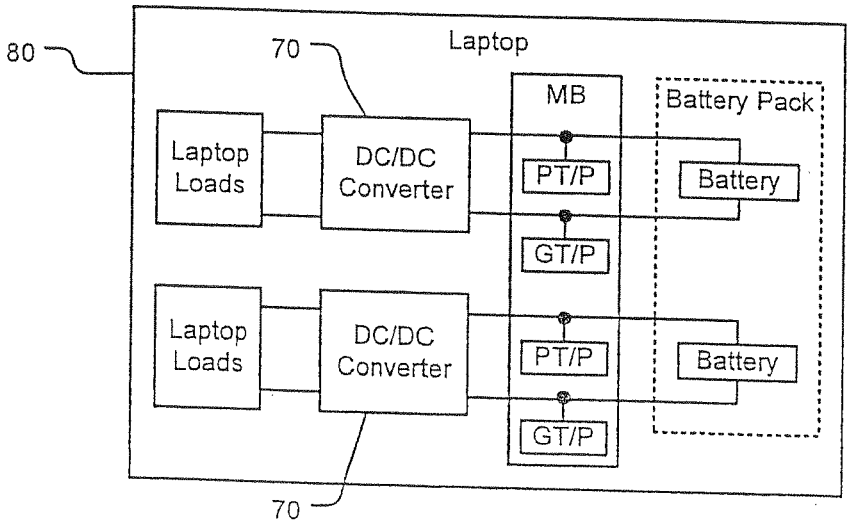

80
70
Laptop
MB
Battery Pack
Laptop Loads
DC/DC Converter
PT/P
Battery
GT/P
Laptop Loads
DC/DC Converter
PT/P
Battery
GT/P
70

FIG. 5B

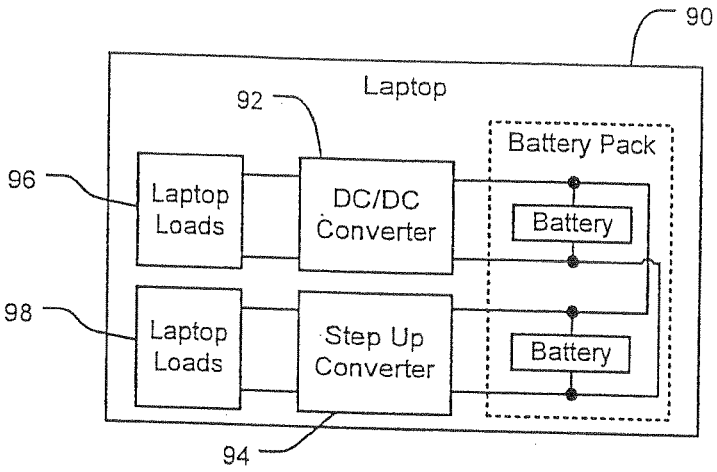


FIG. 6

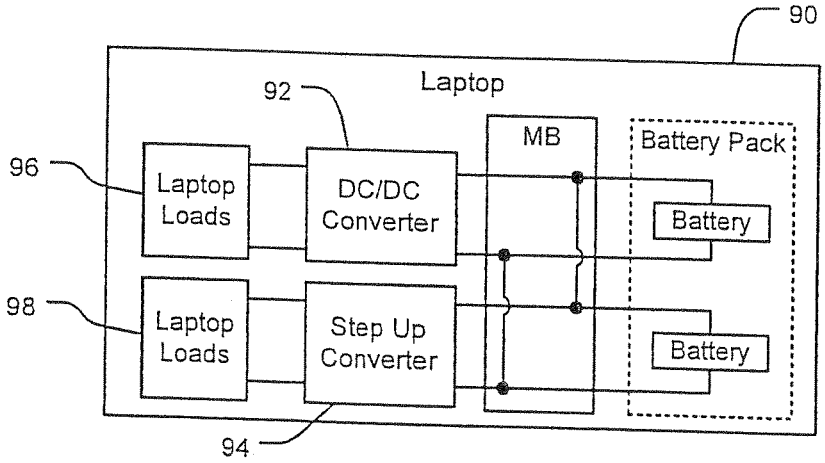


FIG. 7

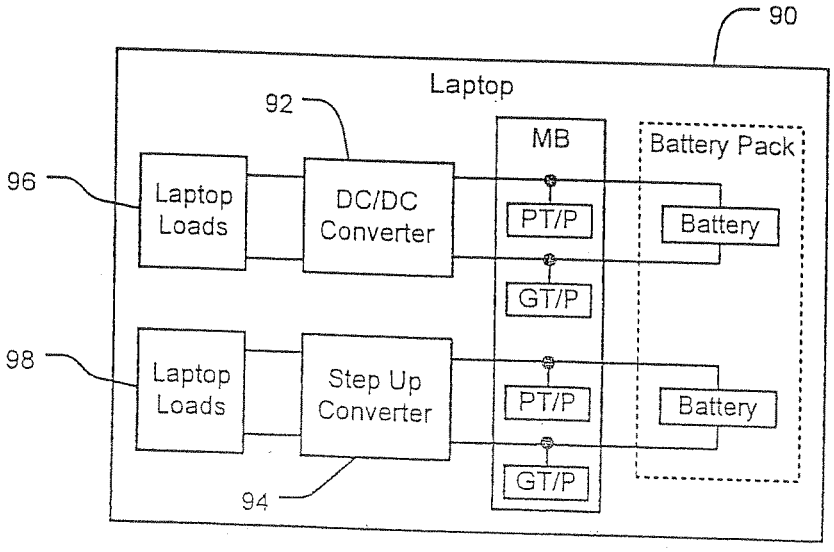


FIG. 8

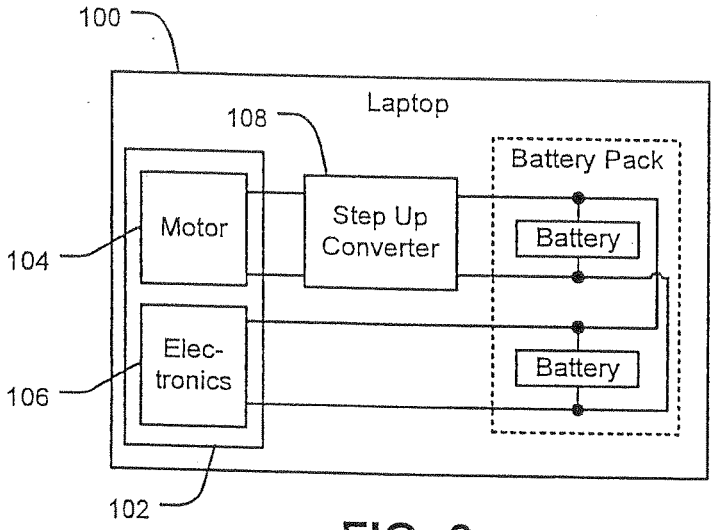

100
Laptop
108
Battery Pack
Motor
Step Up Converter
Battery
104
Elec-tronics
Battery
106
102

FIG. 9

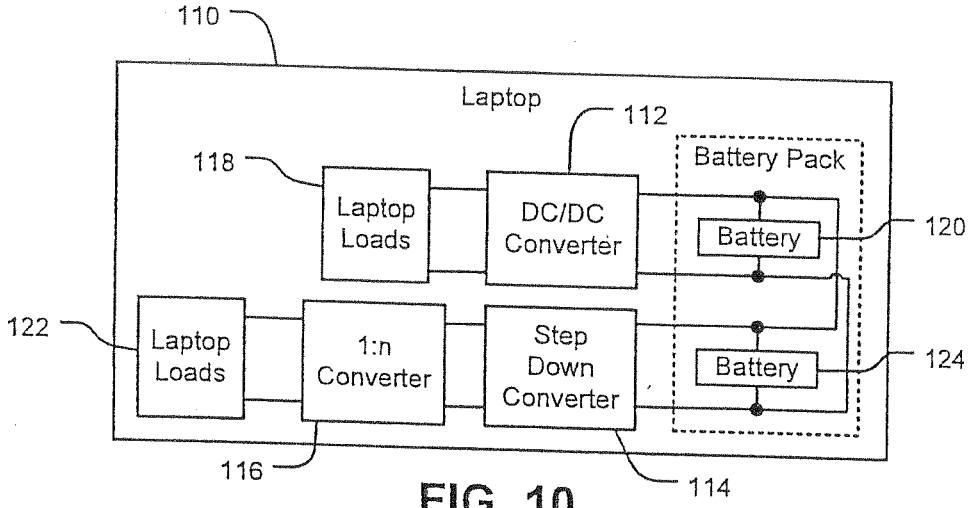


FIG. 10

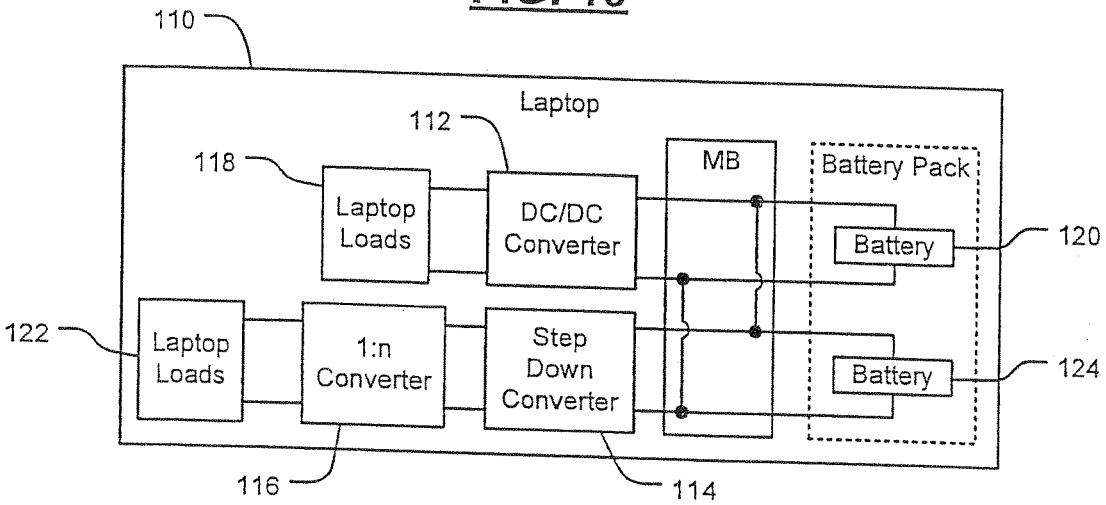


FIG. 11

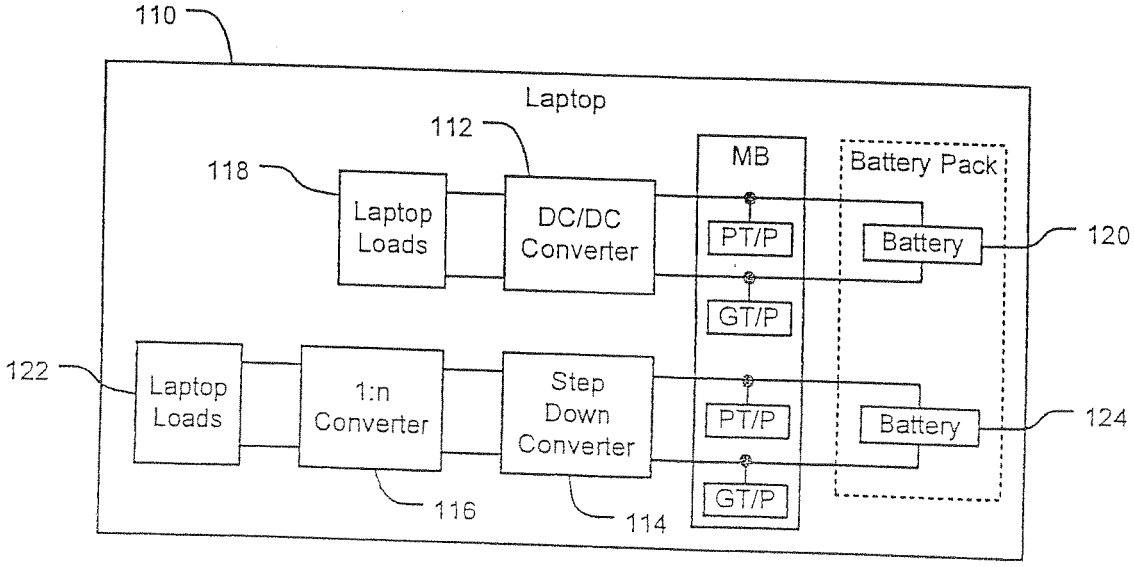


FIG. 12

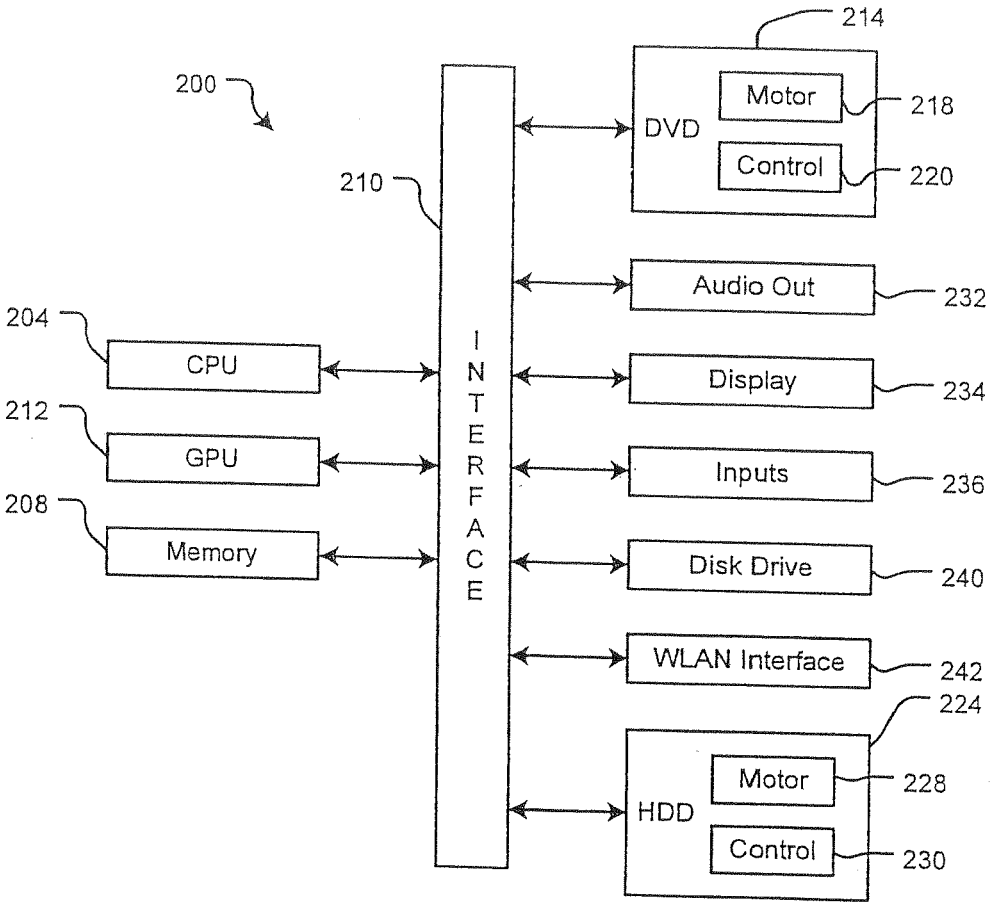


FIG. 13

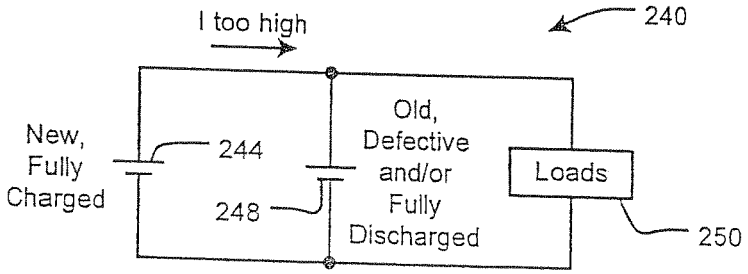


FIG. 14
Prior Art

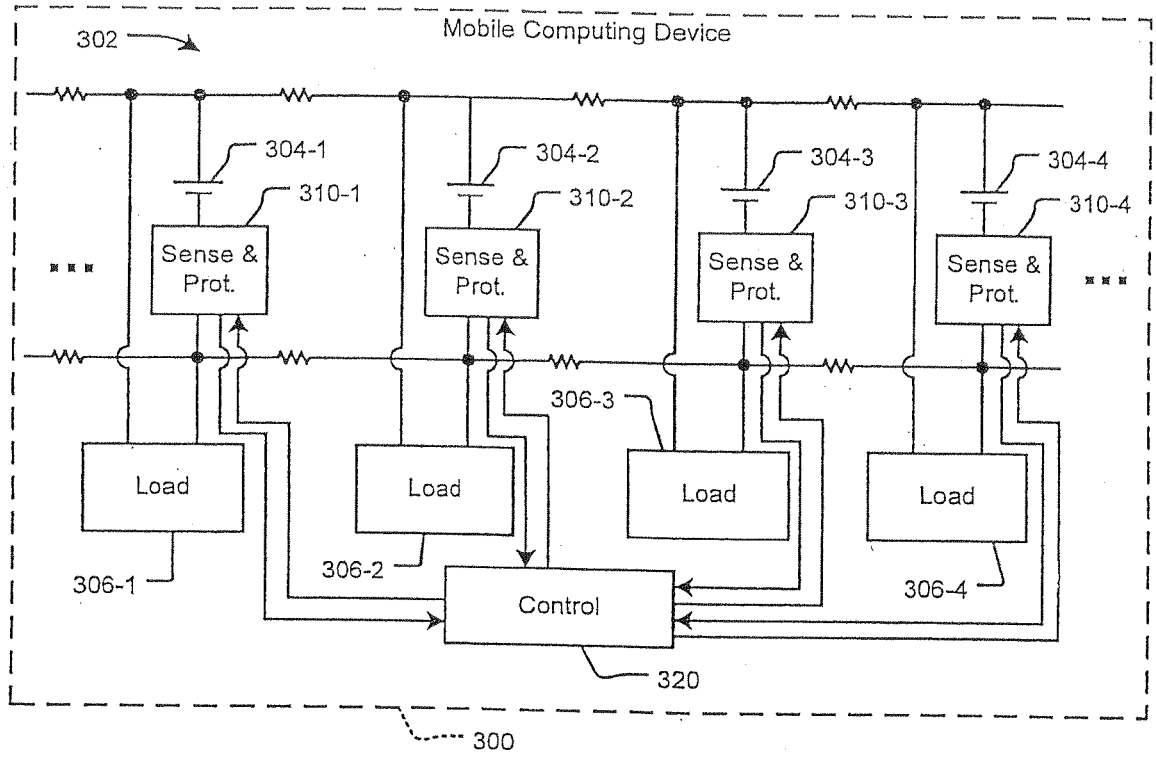


FIG. 15

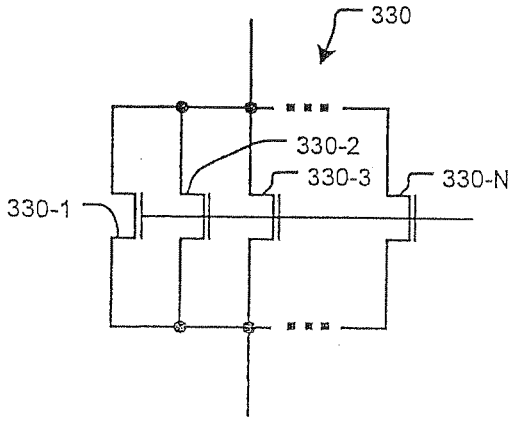


FIG. 16A

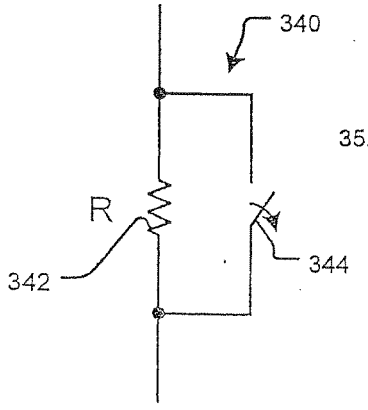


FIG. 16B

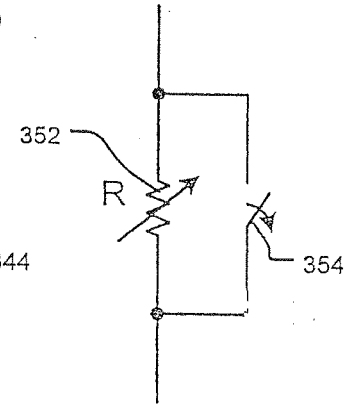


FIG. 16C