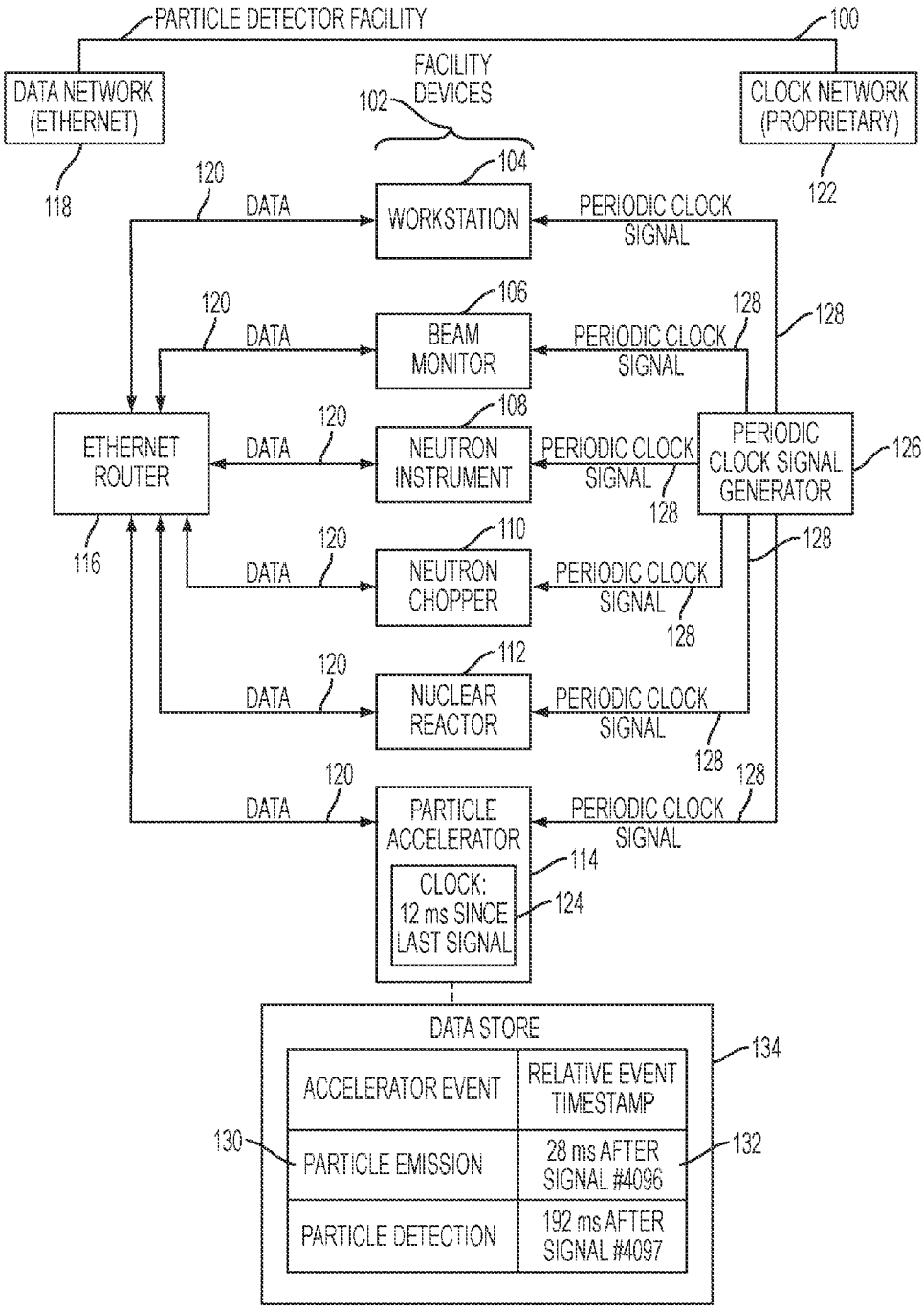
PARTICLE DETECTOR FACILITY
100
DATA NETWORK (ETHERNET)
118
FACILITY DEVICES
102
CLOCK NETWORK (PROPRIETARY)
122
104
WORKSTATION
120
DATA
PERIODIC CLOCK SIGNAL
106
BEAM MONITOR
128
108
NEUTRON INSTRUMENT
ETHERNET ROUTER
116
PERIODIC CLOCK SIGNAL GENERATOR
126
110
NEUTRON CHOPPER
112
NUCLEAR REACTOR
PARTICLE ACCELERATOR
114
CLOCK: 12 ms SINCE LAST SIGNAL
124
DATA STORE
134
ACCELERATOR EVENT
RELATIVE EVENT TIMESTAMP
130
PARTICLE EMISSION
28 ms AFTER SIGNAL #4096
132
PARTICLE DETECTION
192 ms AFTER SIGNAL #4097

FIG. 1