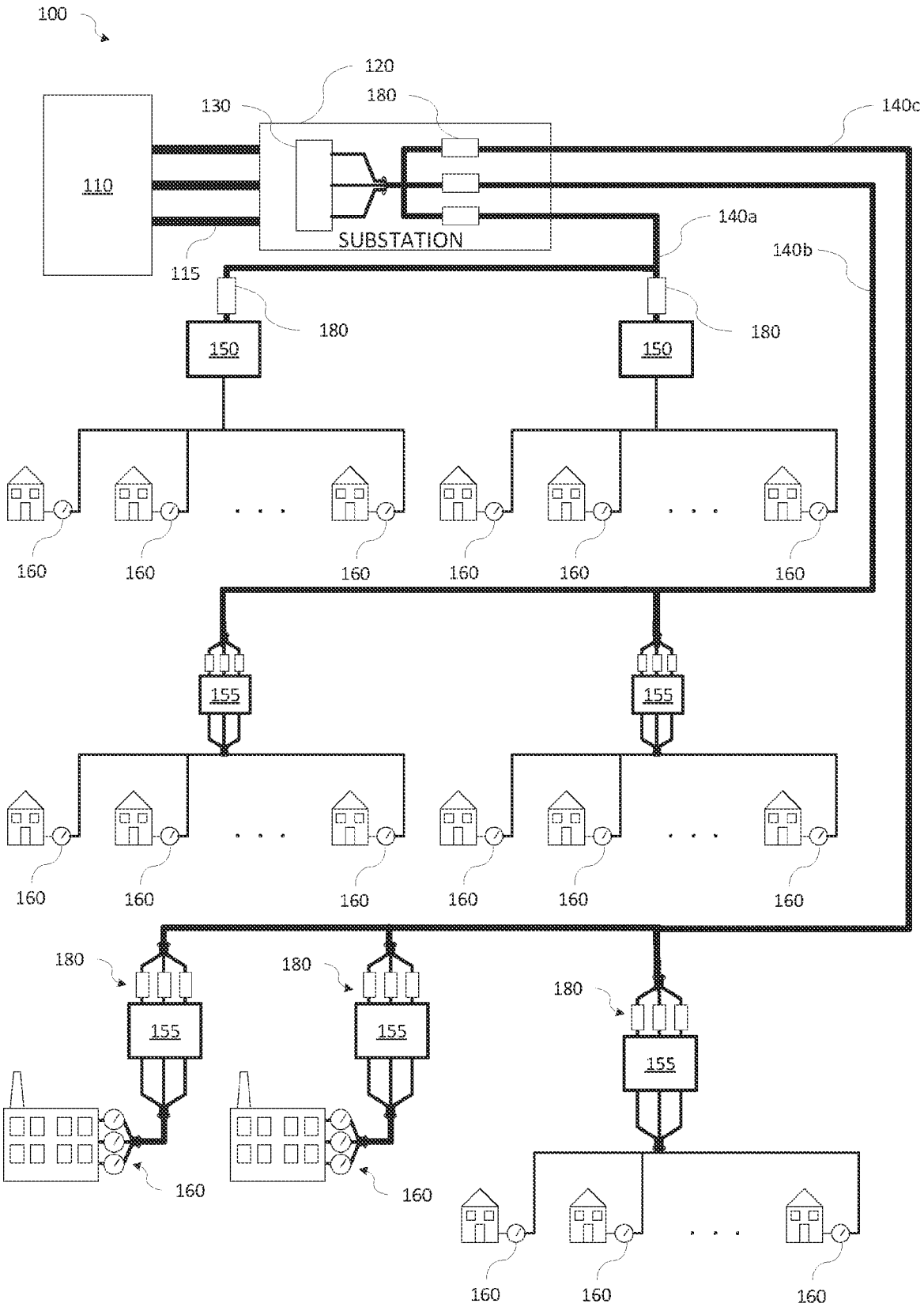

100
120
130
180
140c
110
SUBSTATION
140a
140b
115
180
180
150
150
160
160
160
160
160
160
155
155
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160
160
160
160
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180
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180
155
155
155
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160
160
160
160

FIG. 1

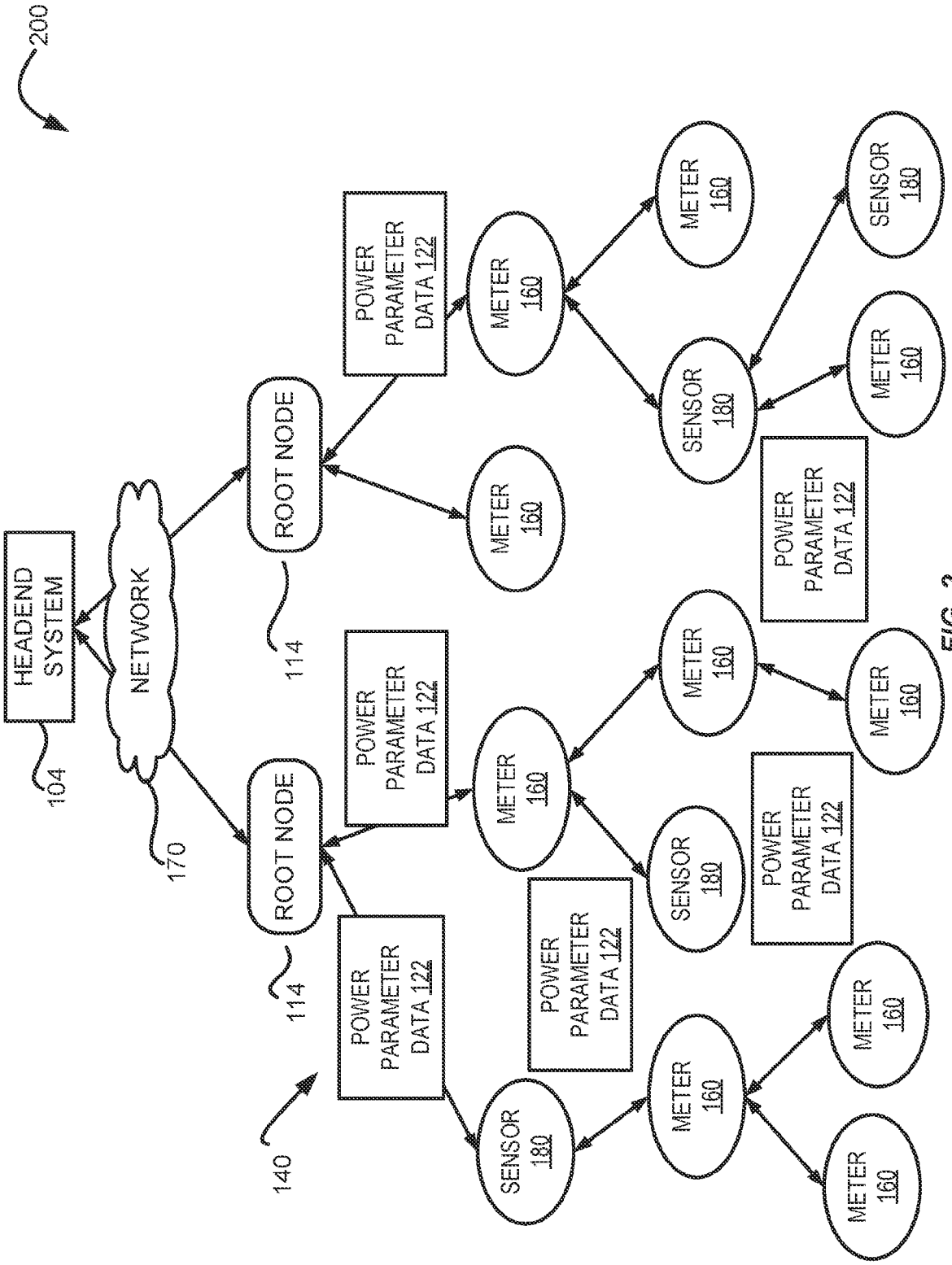

200
HEADEND SYSTEM
104
NETWORK
170
ROOT NODE
114
ROOT NODE
114
140
POWER PARAMETER DATA 122
POWER PARAMETER DATA 122
POWER PARAMETER DATA 122
POWER PARAMETER DATA 122
POWER PARAMETER DATA 122
METER 160
METER 160
METER 160
METER 160
METER 160
METER 160
METER 160
METER 160
METER 160
SENSOR 180
SENSOR 180
SENSOR 180
SENSOR 180

FIG. 2

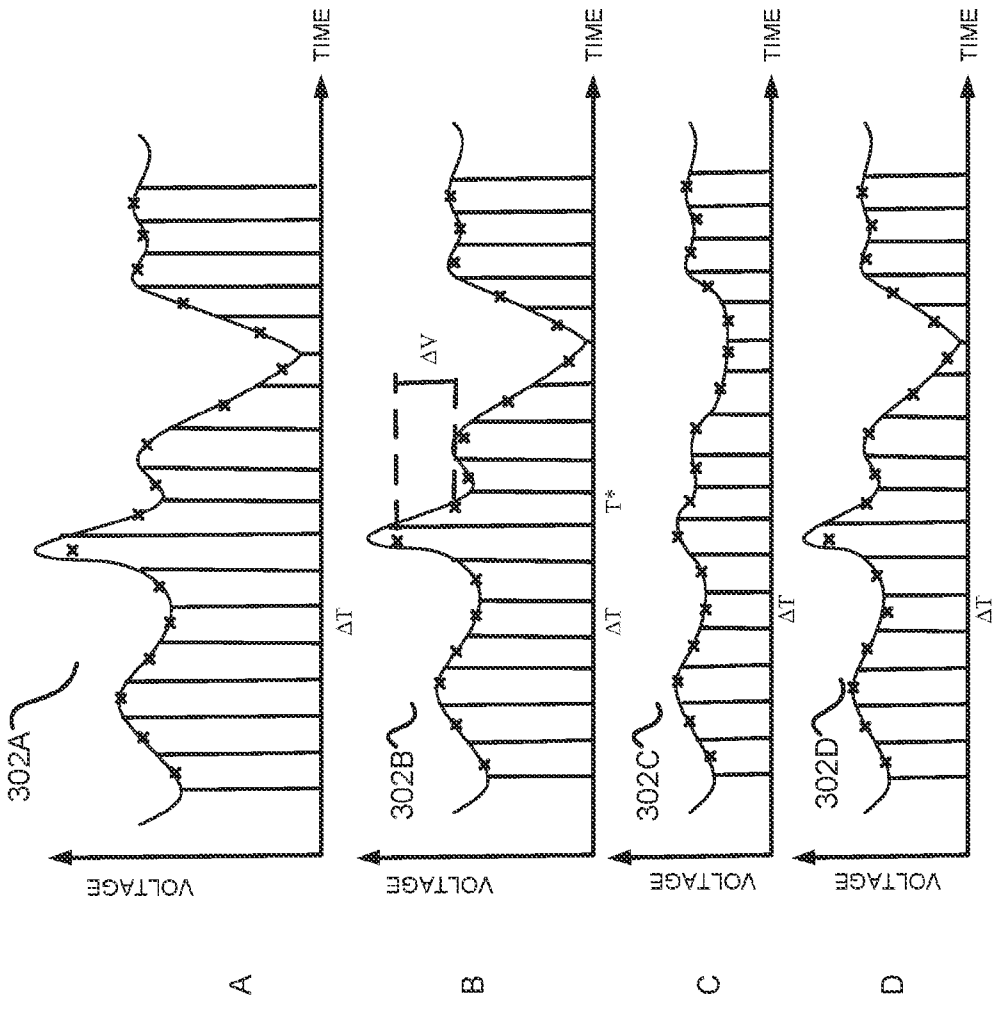



FIG. 3

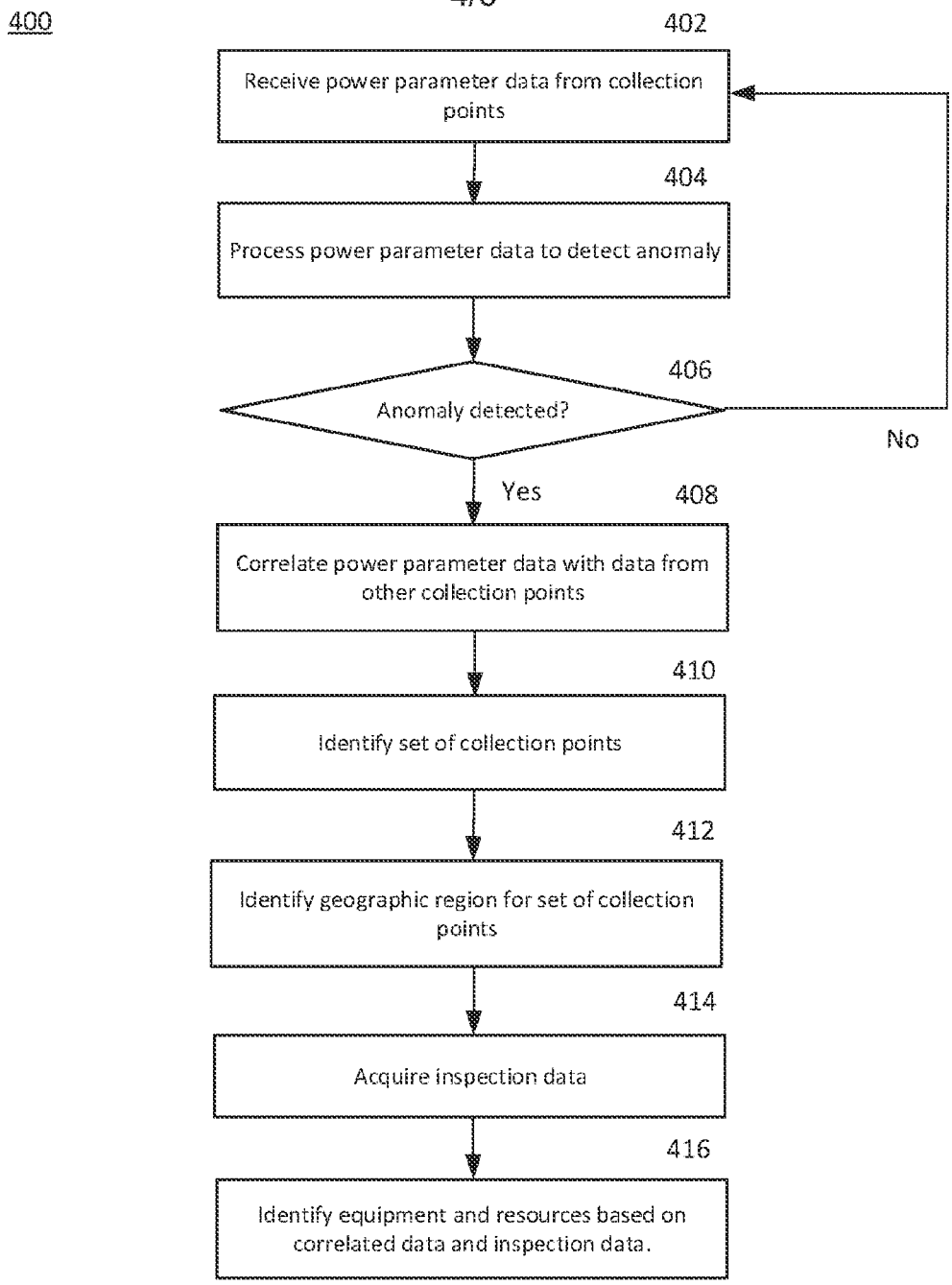

400
402
Receive power parameter data from collection points
404
Process power parameter data to detect anomaly
406
Anomaly detected?
No
Yes
408
Correlate power parameter data with data from other collection points
410
Identify set of collection points
412
Identify geographic region for set of collection points
414
Acquire inspection data
416
Identify equipment and resources based on correlated data and inspection data.

FIG. 4

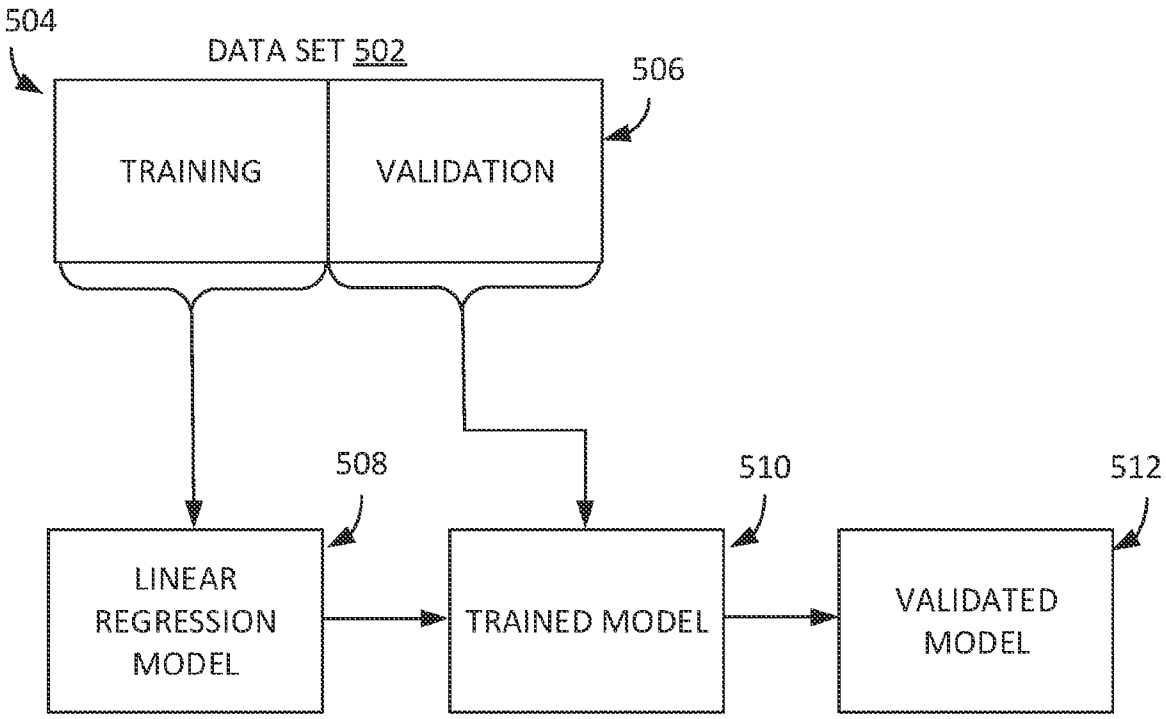

504
DATA SET 502
506
TRAINING
VALIDATION
508
510
512
LINEAR REGRESSION MODEL
TRAINED MODEL
VALIDATED MODEL

*FIG. 5*