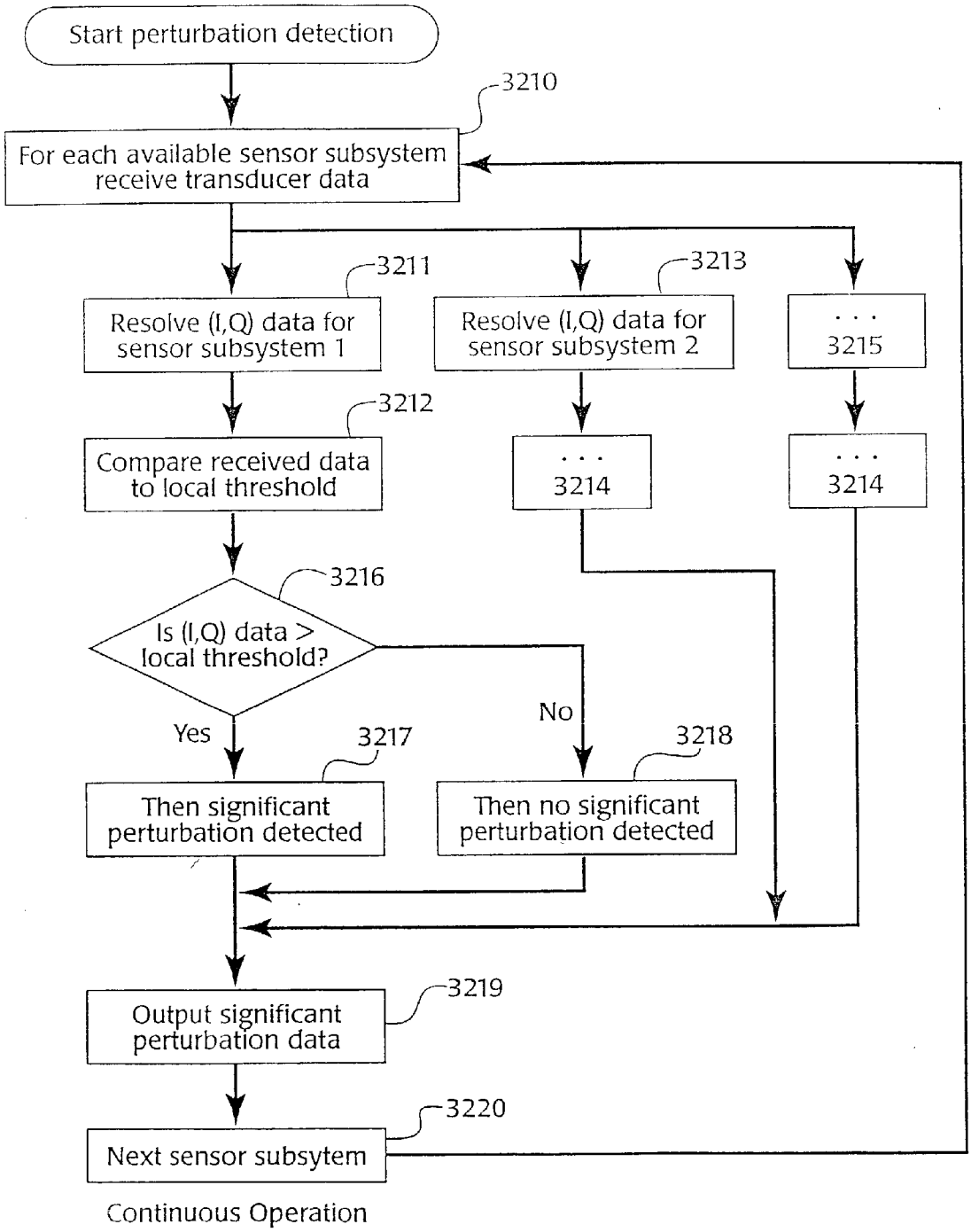
Start perturbation detection
3210
For each available sensor subsystem receive transducer data
3211
Resolve (I,Q) data for sensor subsystem 1
3213
Resolve (I,Q) data for sensor subsystem 2
. . .
3215
3212
Compare received data to local threshold
. . .
3214
. . .
3214
3216
Is (I,Q) data > local threshold?
Yes
No
3217
Then significant perturbation detected
3218
Then no significant perturbation detected
3219
Output significant perturbation data
3220
Next sensor subsytem
Continuous Operation

Fig. 32 (b)