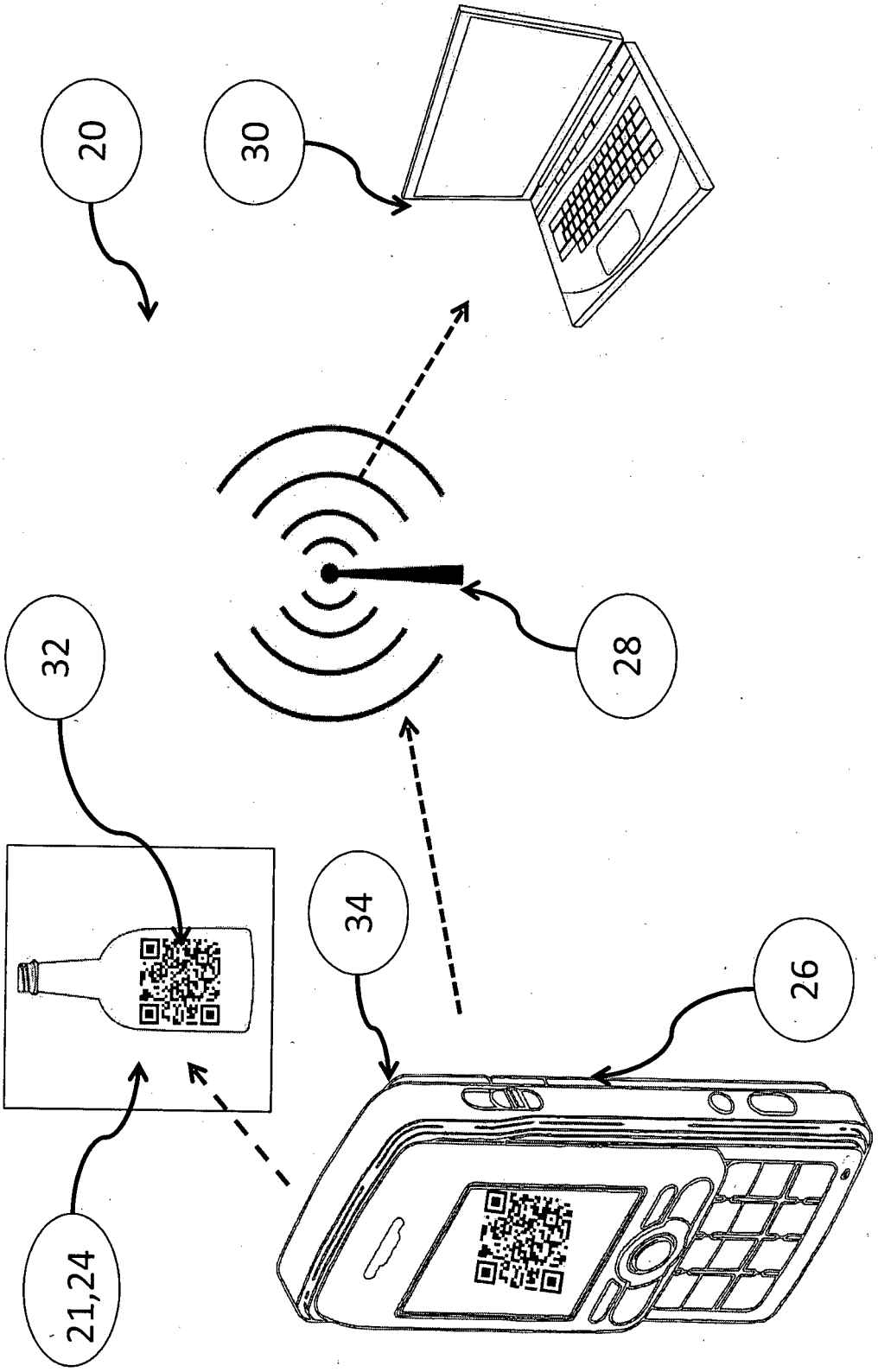


Fig. 1

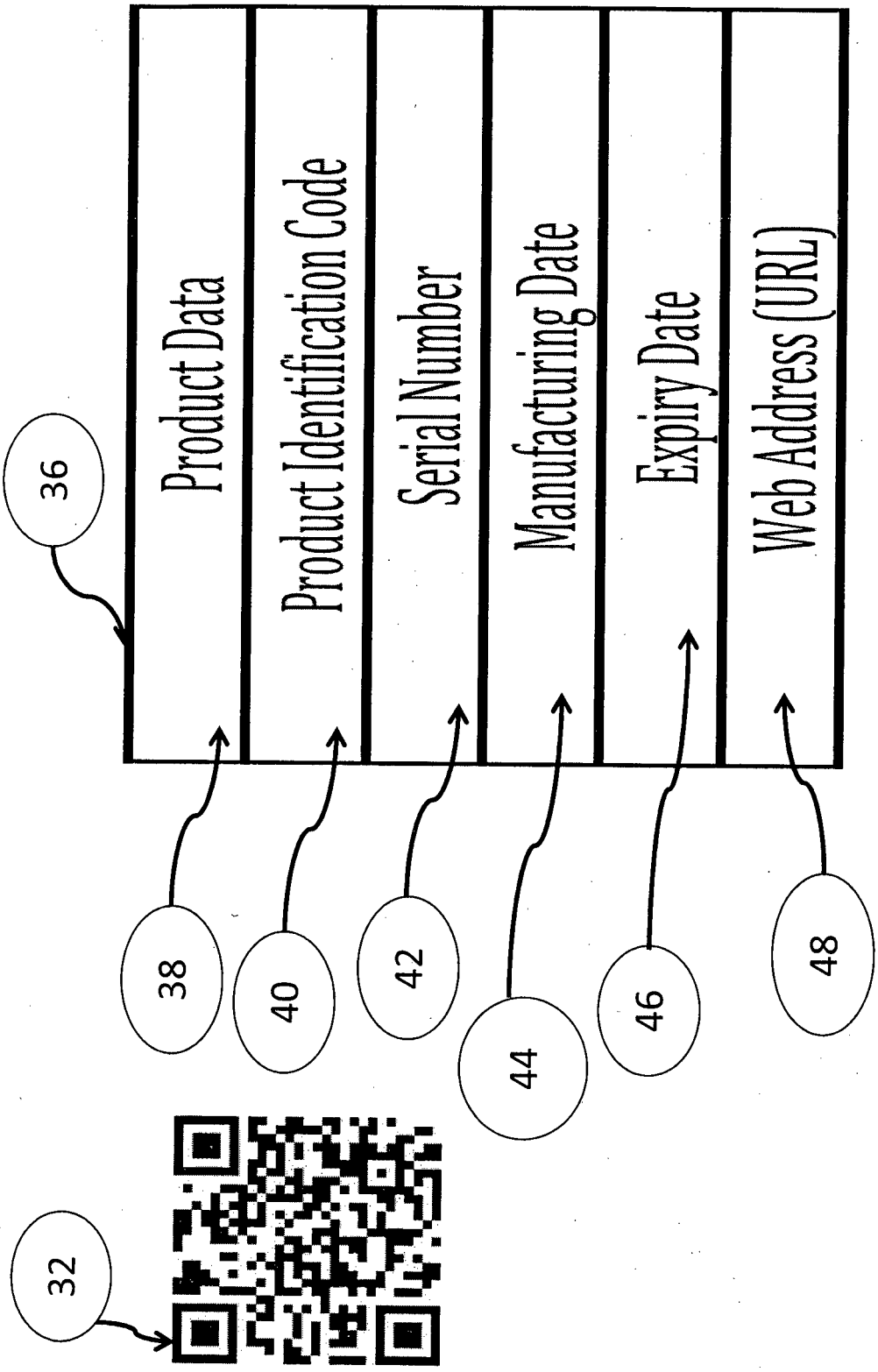

Product Data
Product Identification Code
Serial Number
Manufacturing Date
Expiry Date
Web Address (URL)
36
38
40
42
44
46
48
32

Fig. 2

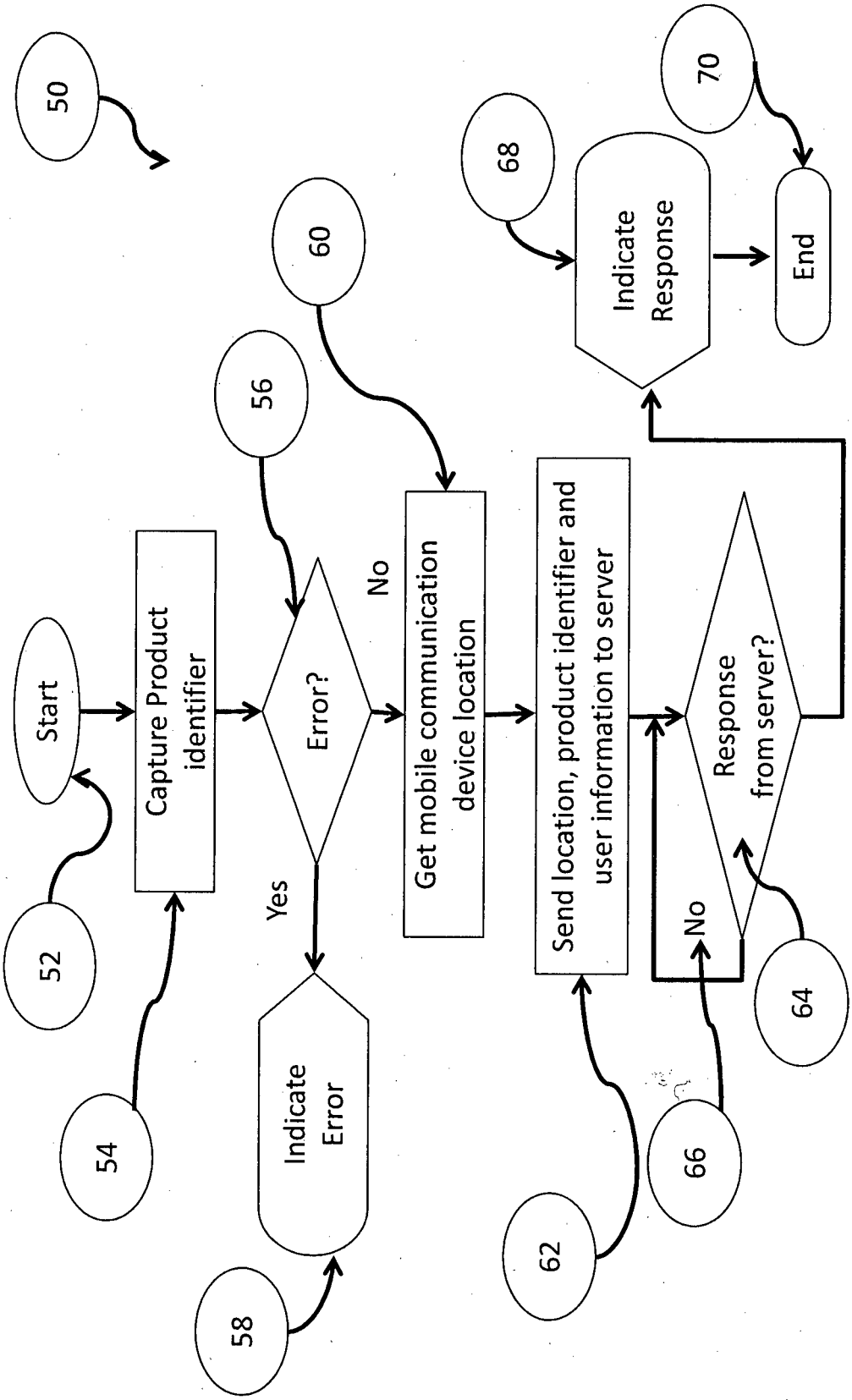

50
Start
52
Capture Product identifier
54
Error?
56
Yes
Indicate Error
58
No
60
Get mobile communication device location
Send location, product identifier and user information to server
62
Response from server?
No
66
64
Indicate Response
68
End
70

Fig. 3

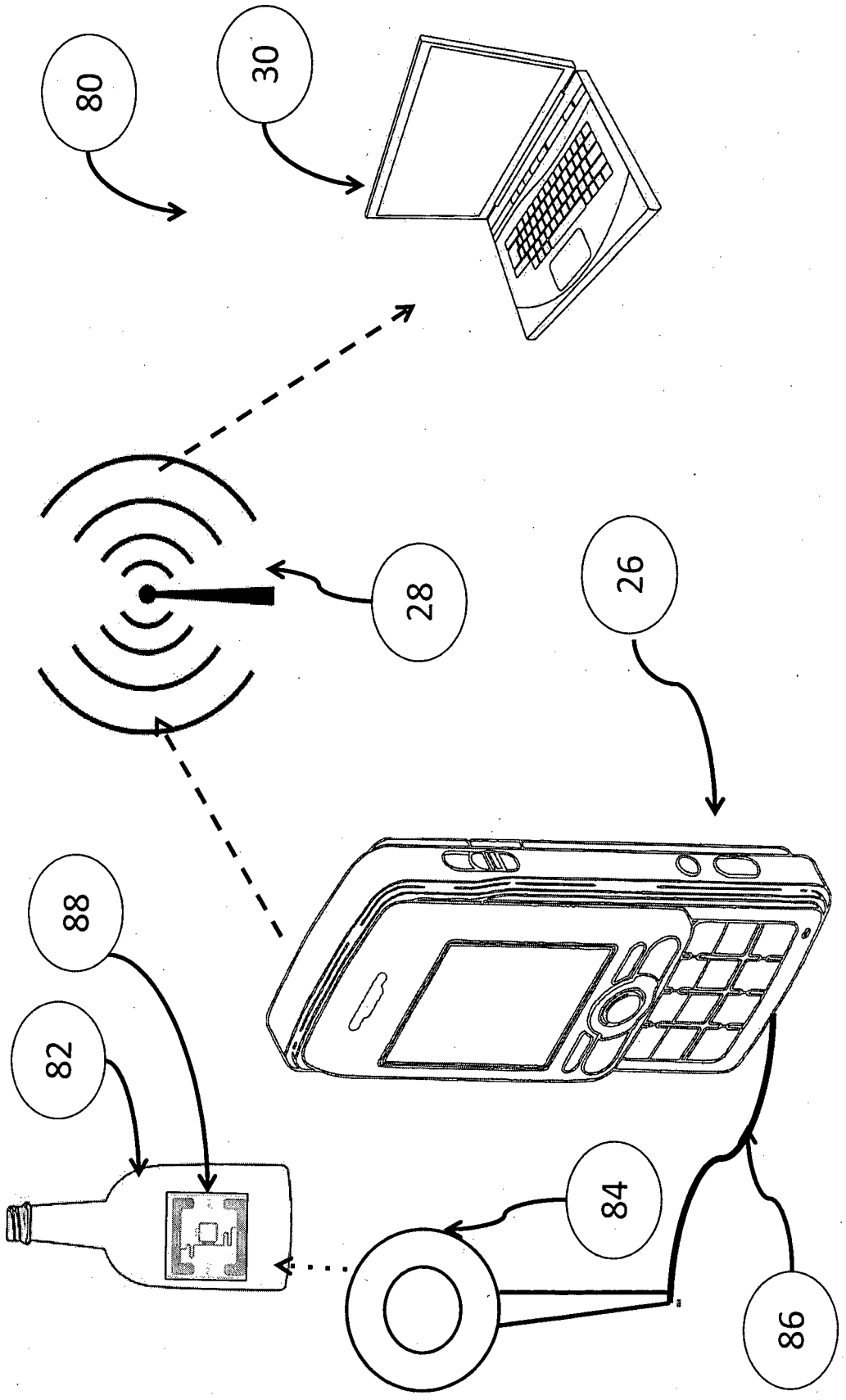


Fig. 4

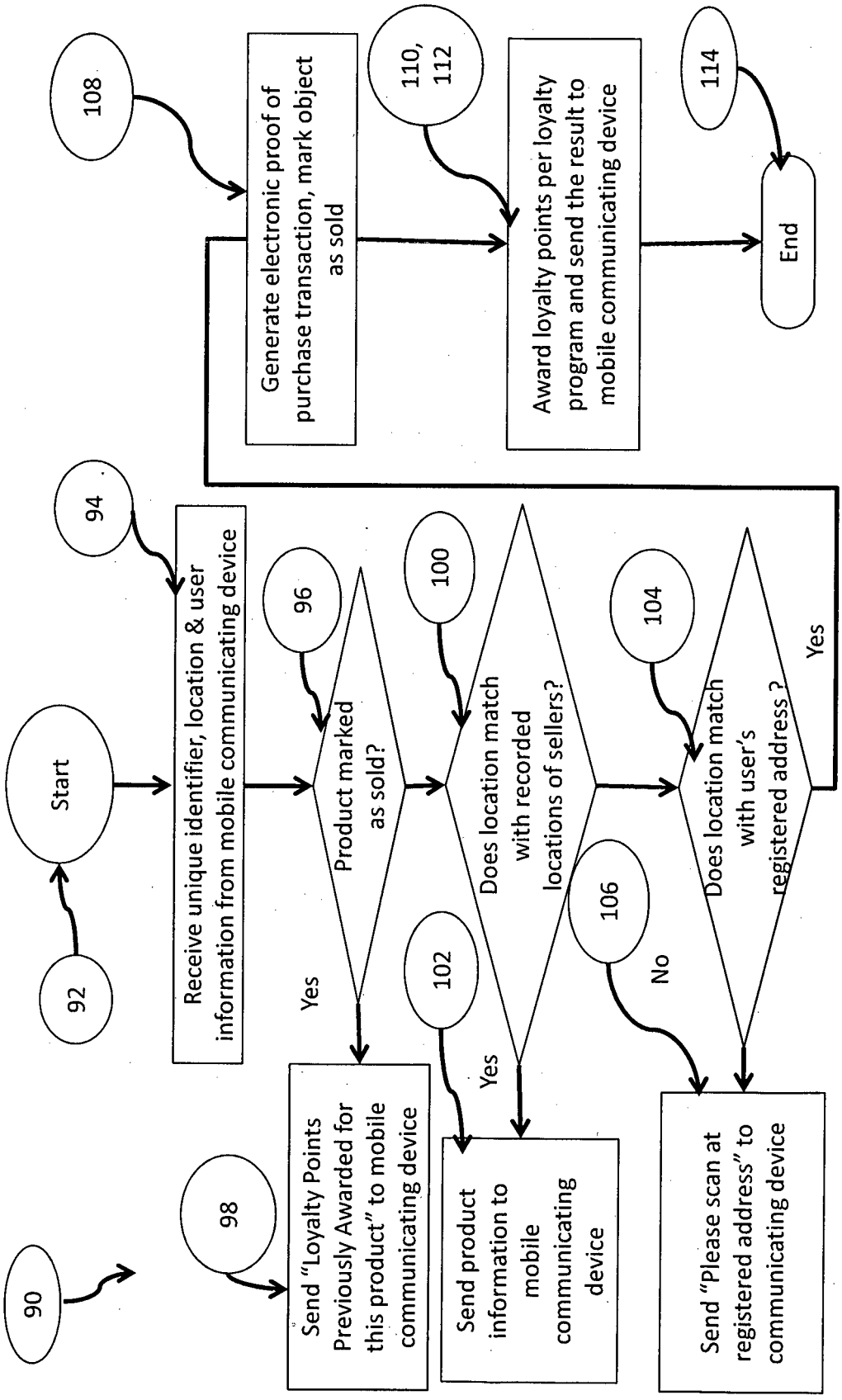

90
92
Start
94
Receive unique identifier, location & user information from mobile communicating device
96
Product marked as sold?
Yes
98
Send "Loyalty Points Previously Awarded for this product" to mobile communicating device
100
Does location match with recorded locations of sellers?
Yes
102
Send product information to mobile communicating device
104
Does location match with user's registered address ?
Yes
No
106
Send "Please scan at registered address" to communicating device
108
Generate electronic proof of purchase transaction, mark object as sold
110, 112
Award loyalty points per loyalty program and send the result to mobile communicating device
114
End

Fig. 5