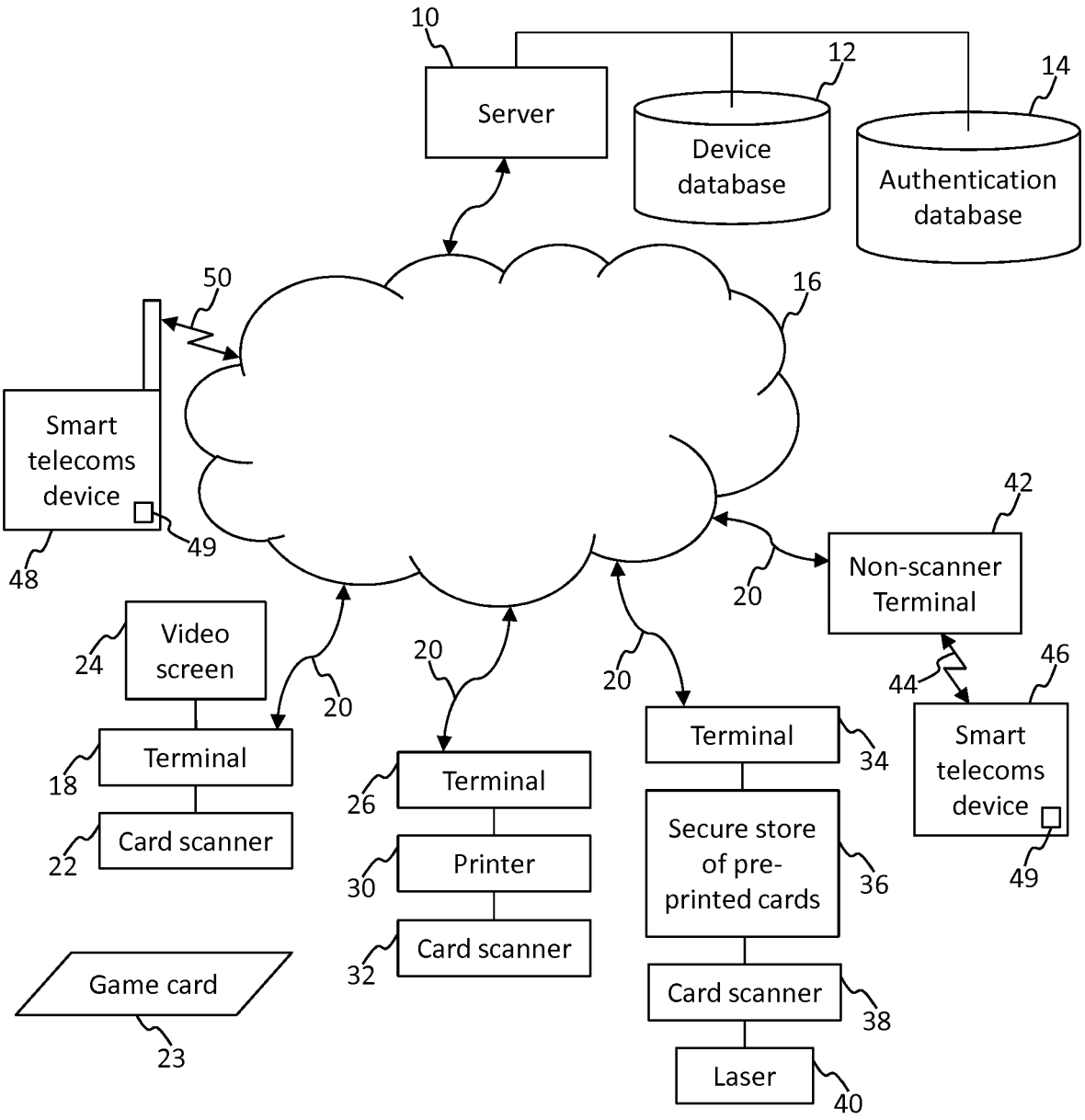

10
Server
12
Device database
14
Authentication database
50
16
Smart telecoms device
48
49
42
Non-scanner Terminal
20
24
Video screen
18
Terminal
22
Card scanner
20
20
20
26
Terminal
30
Printer
32
Card scanner
Terminal
34
Secure store of pre-printed cards
36
Card scanner
38
Laser
40
44
46
Smart telecoms device
49
Game card
23

Figure 1

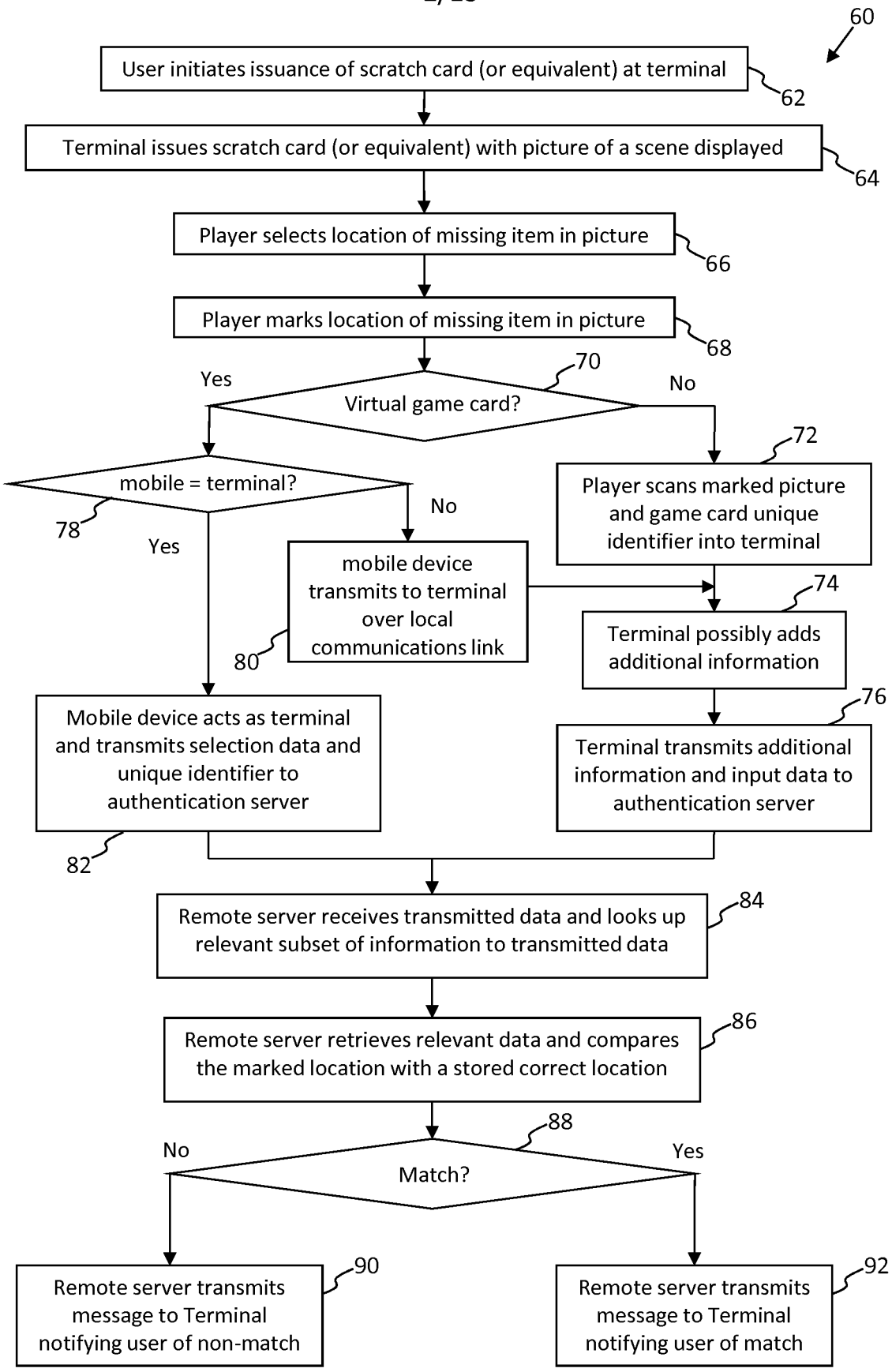

60
User initiates issuance of scratch card (or equivalent) at terminal
62
Terminal issues scratch card (or equivalent) with picture of a scene displayed
64
Player selects location of missing item in picture
66
Player marks location of missing item in picture
68
70
Yes
Virtual game card?
No
72
mobile = terminal?
78
No
Yes
Player scans marked picture and game card unique identifier into terminal
mobile device transmits to terminal over local communications link
80
74
Terminal possibly adds additional information
76
Mobile device acts as terminal and transmits selection data and unique identifier to authentication server
Terminal transmits additional information and input data to authentication server
82
Remote server receives transmitted data and looks up relevant subset of information to transmitted data
84
Remote server retrieves relevant data and compares the marked location with a stored correct location
86
88
No
Match?
Yes
Remote server transmits message to Terminal notifying user of non-match
90
Remote server transmits message to Terminal notifying user of match
92

Figure 2

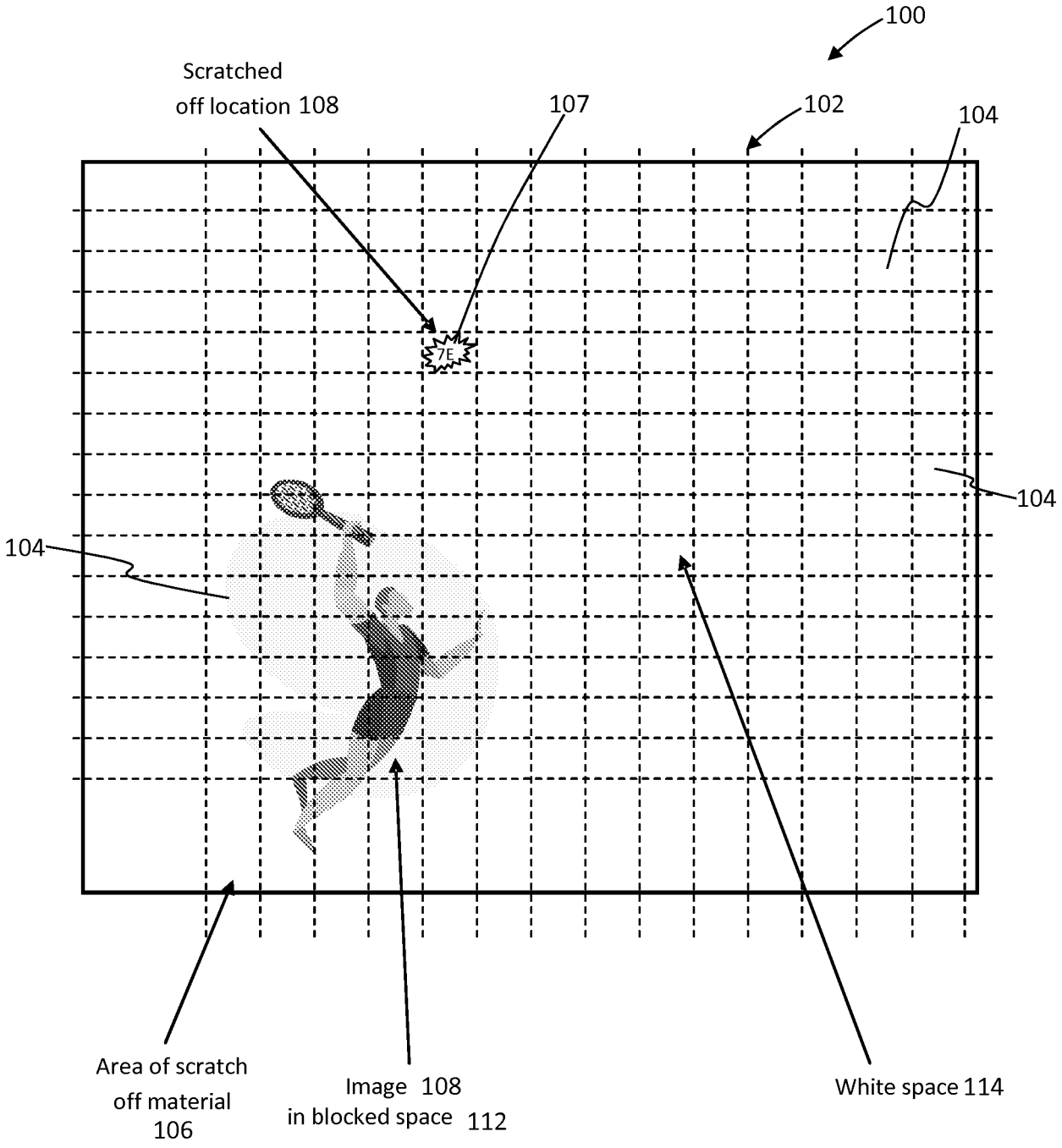

100
Scratched
off location 108
107
102
104
104
104
Area of scratch
off material
106
Image 108
in blocked space 112
White space 114

Figure 3a

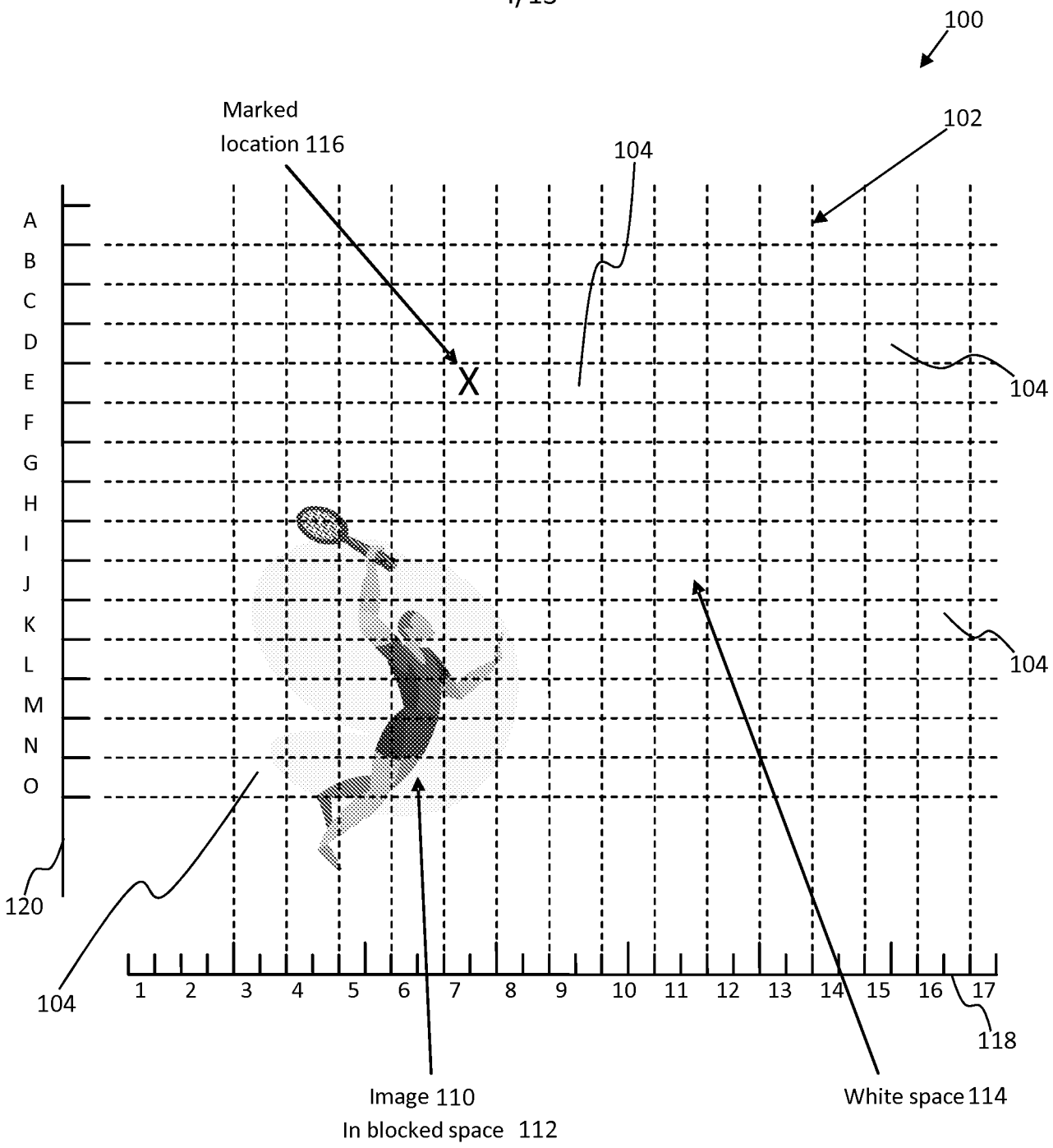

100
Marked
location 116
102
104
X
104
104
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
120
104
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
118
Image 110
In blocked space 112
White space 114

Figure 3b

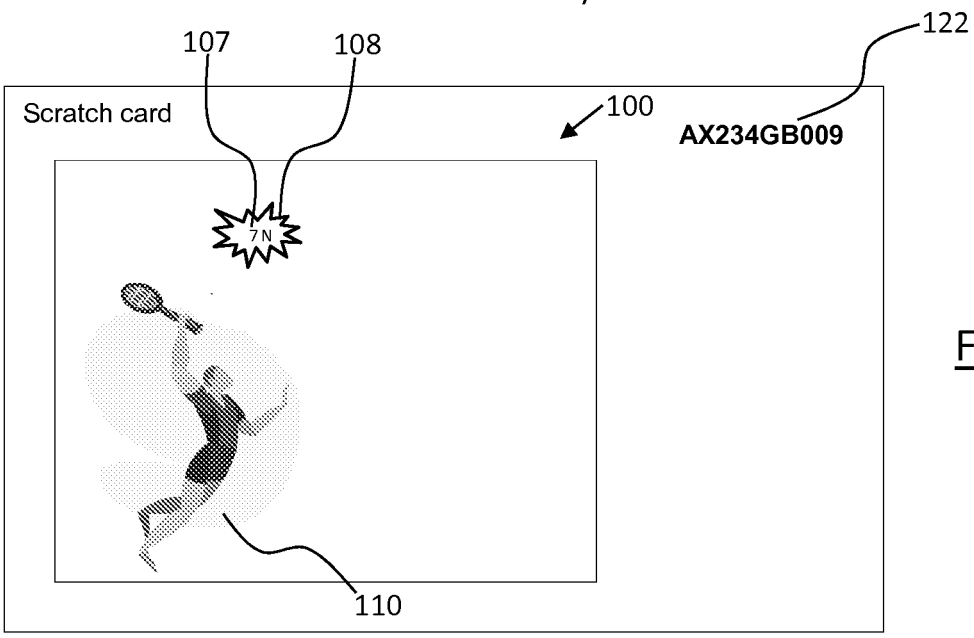


Figure 4a

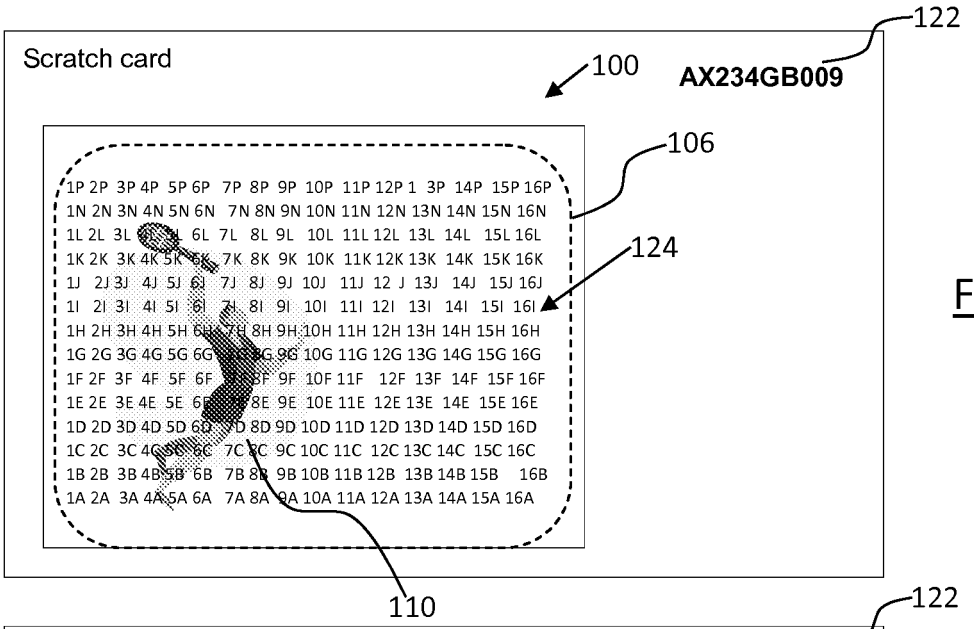


Figure 4b

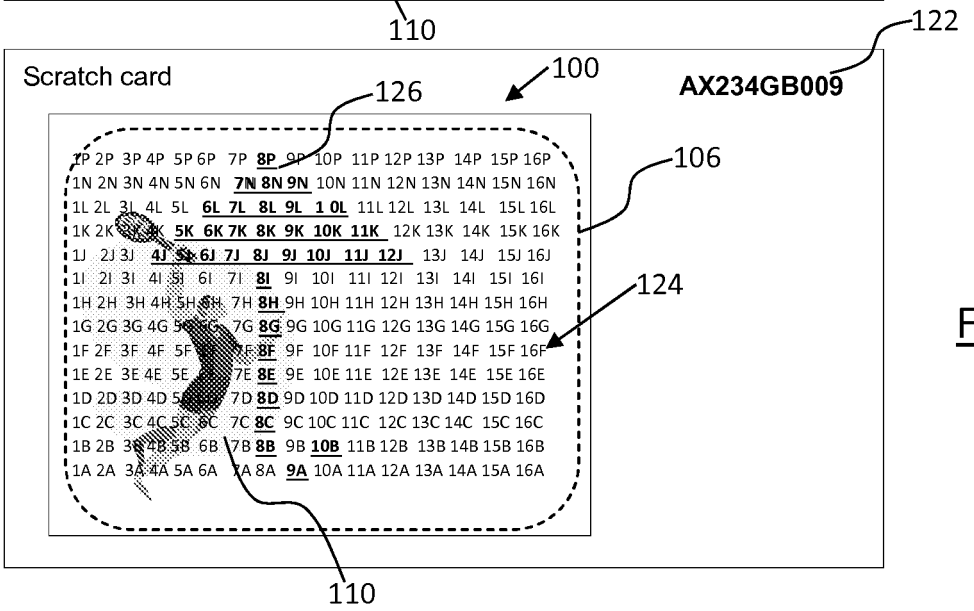


Figure 4c

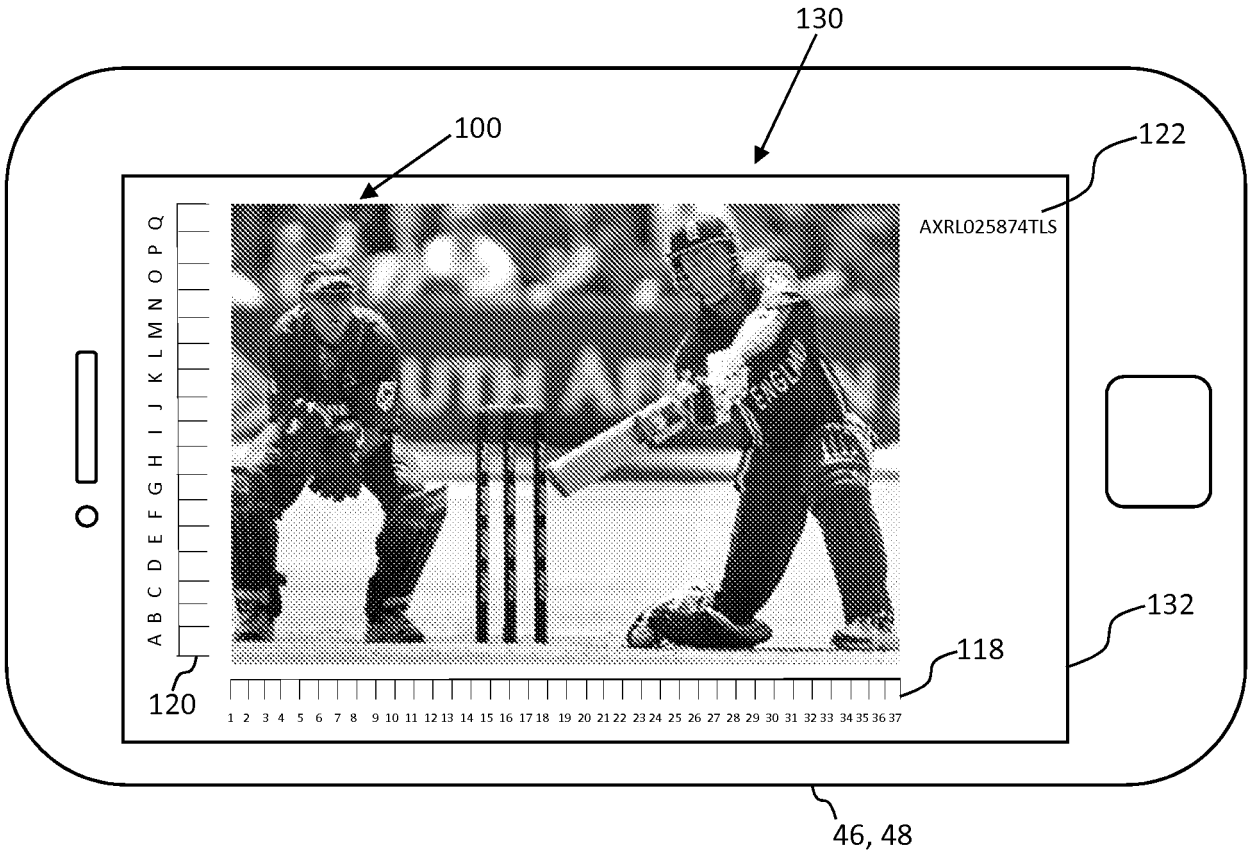


Figure 5

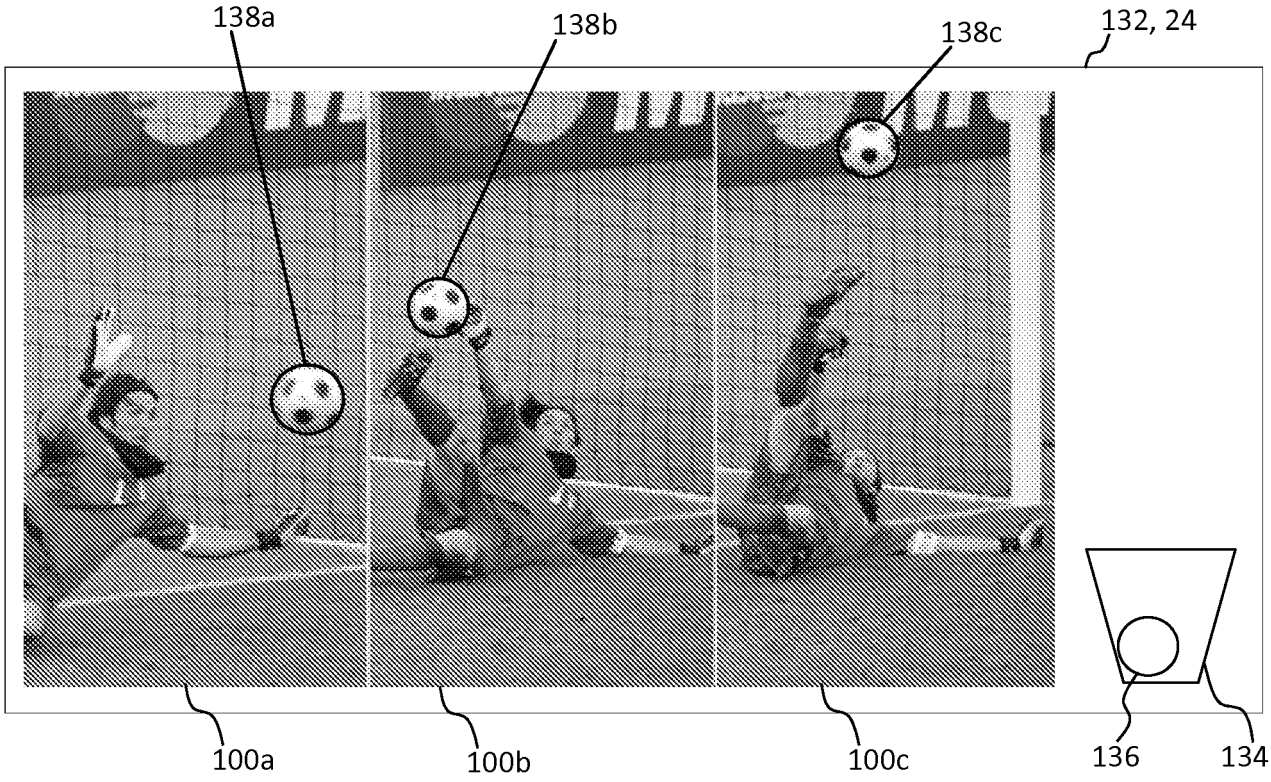


Figure 6

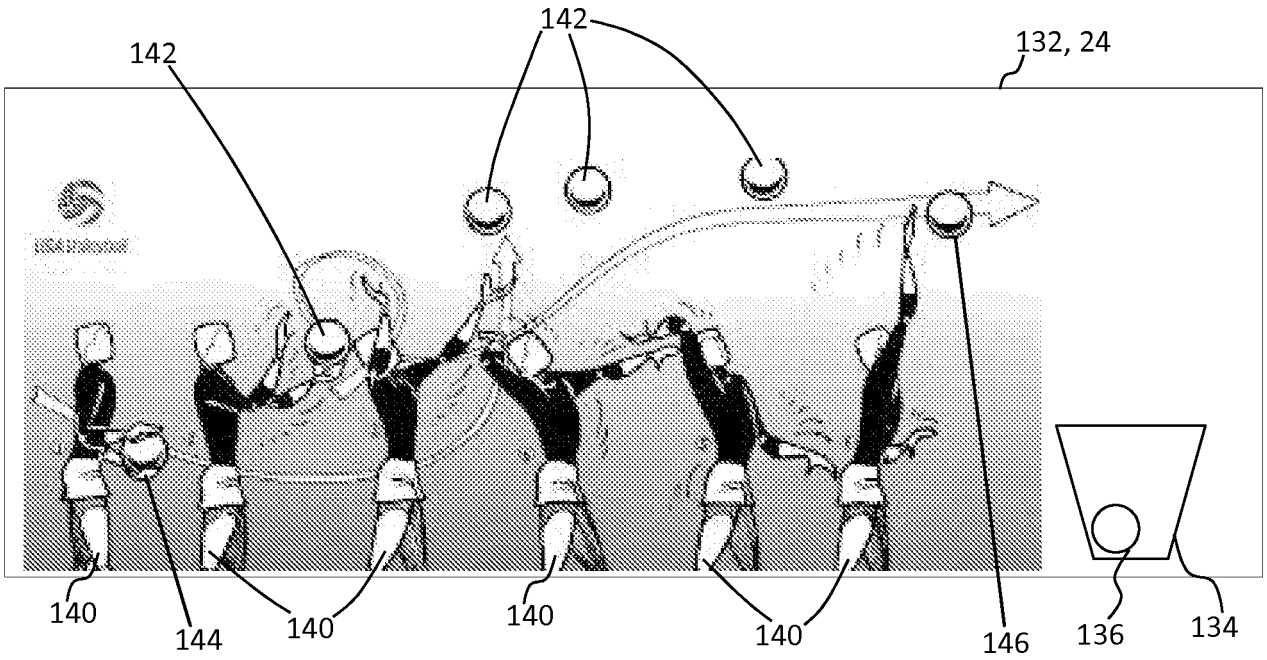


Figure 7a

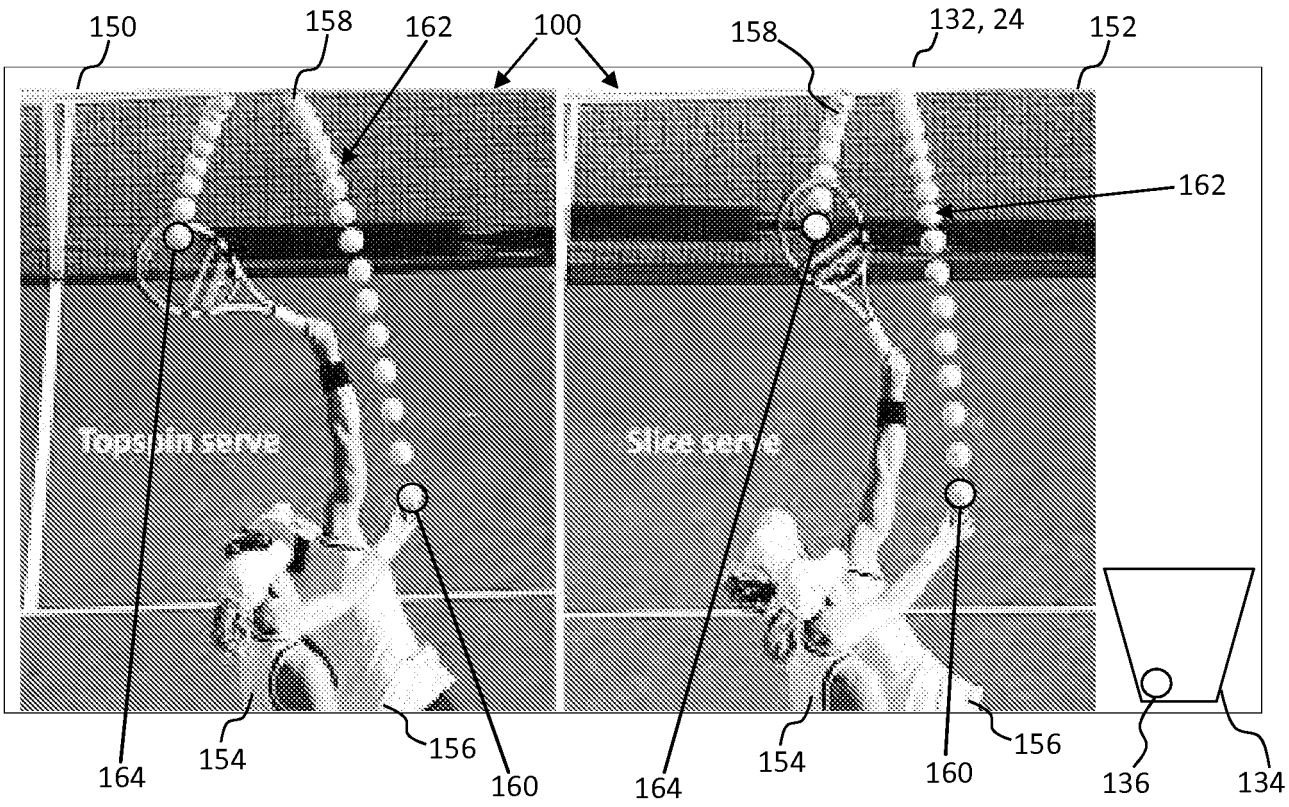


Figure 7b

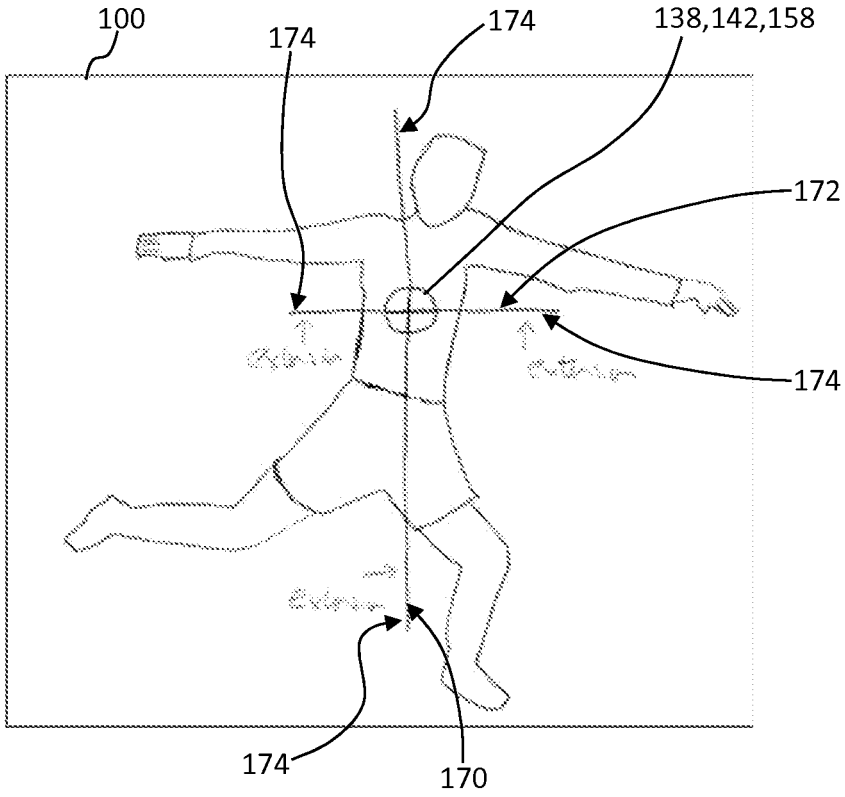


Figure 8a

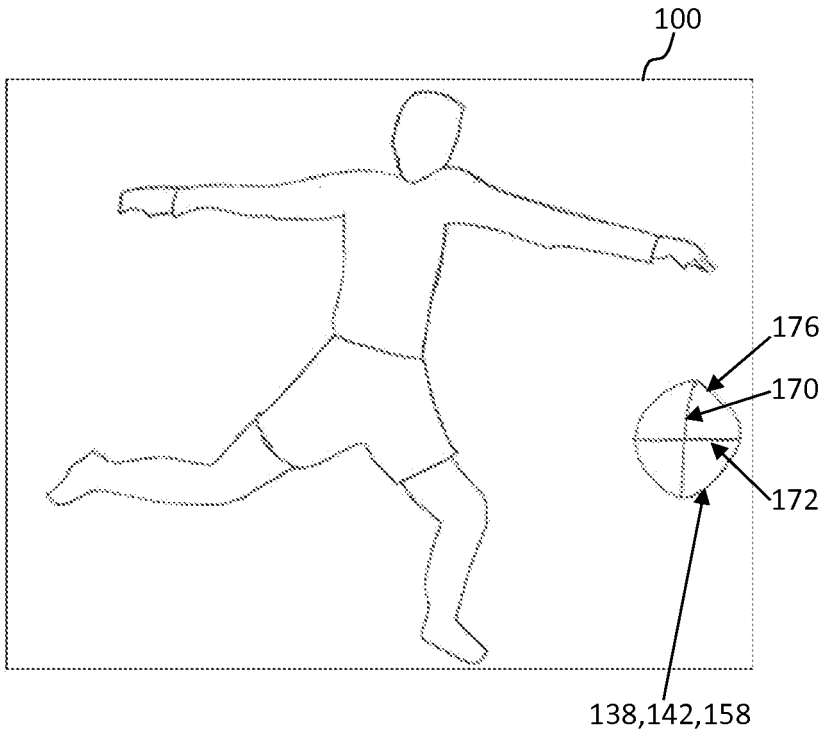


Figure 8b

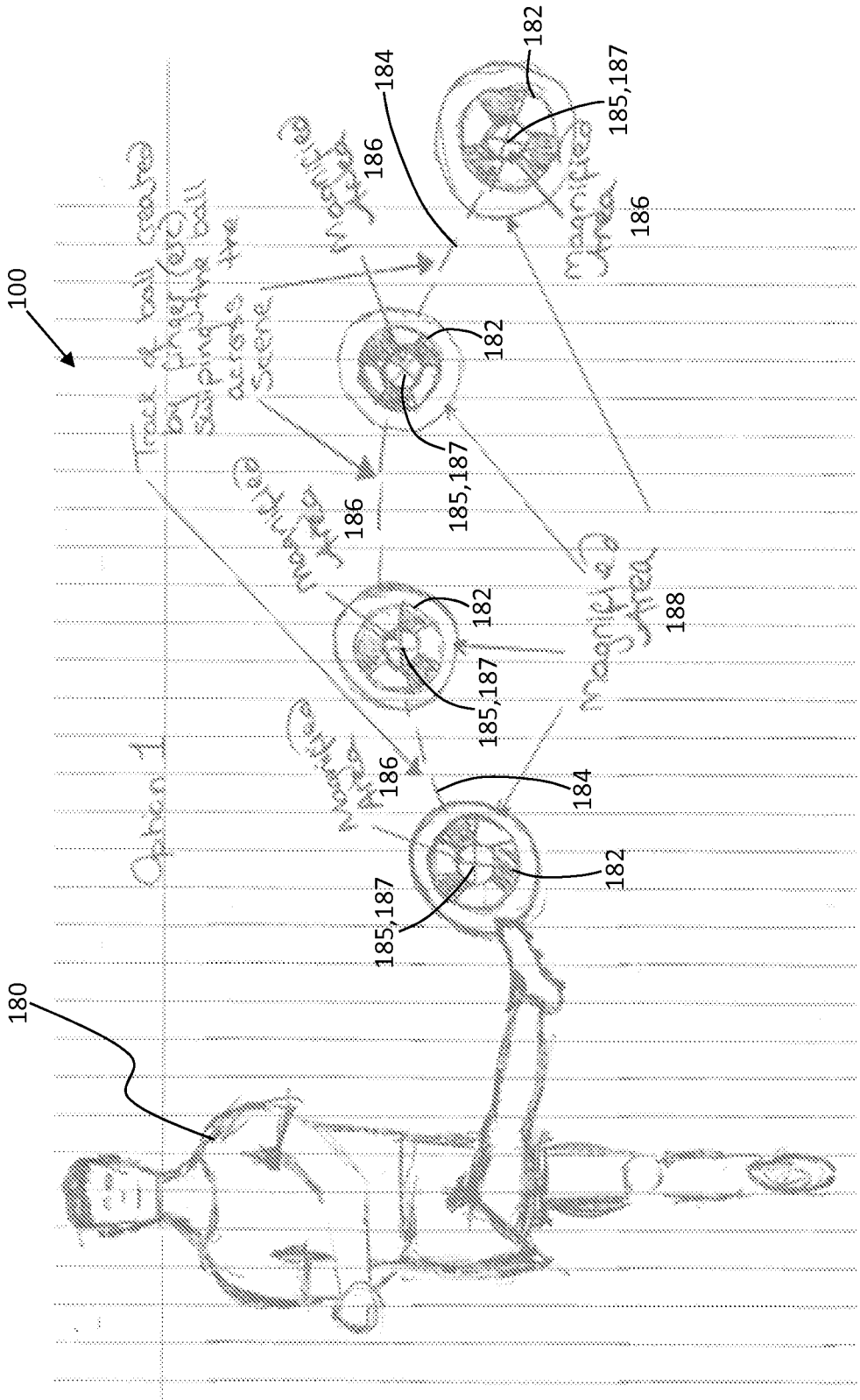


Figure 9

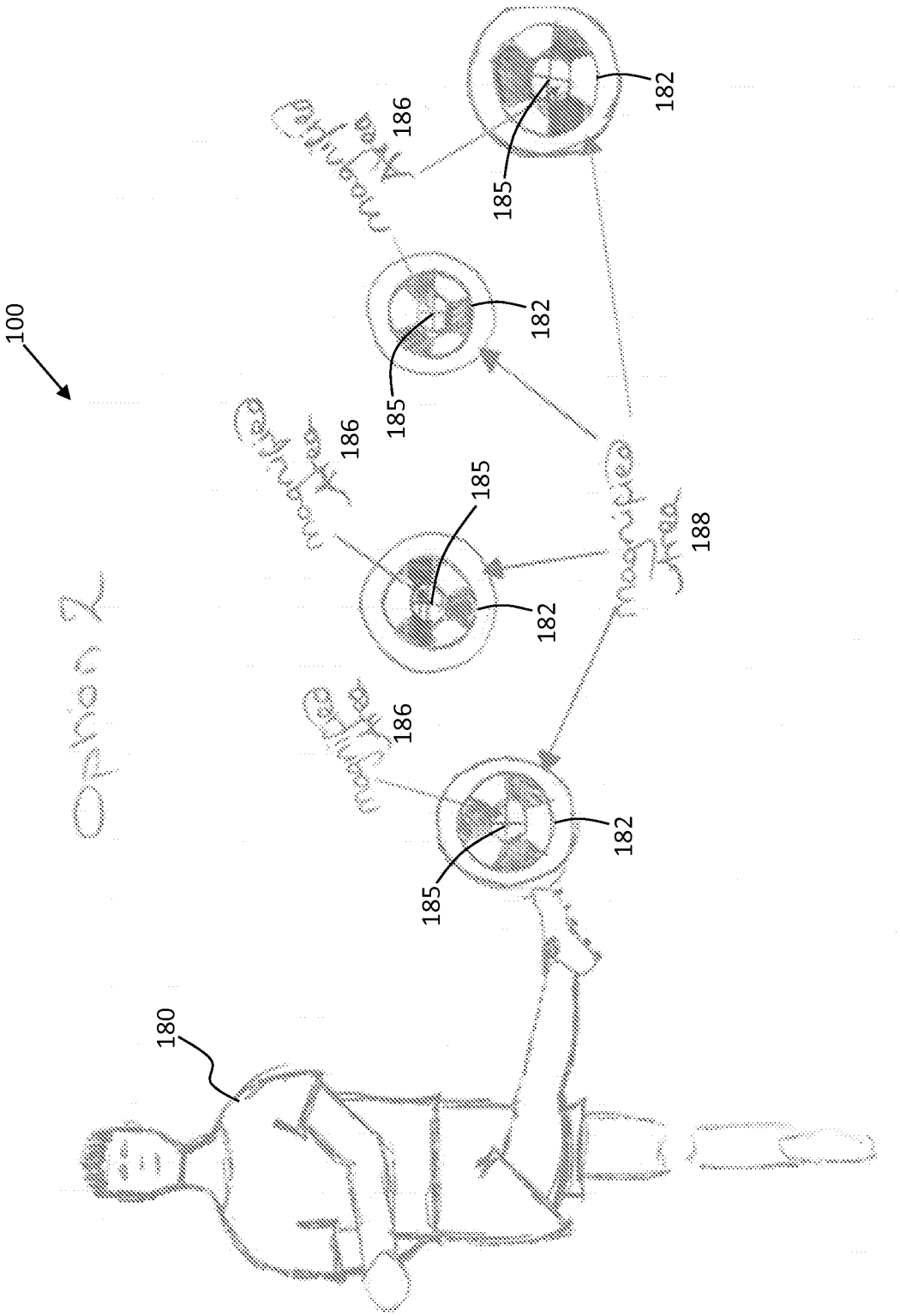

100
180
182
185
186
188
Option 2
Magnified area
Enhanced display
Enhanced display
Enhanced display

Figure 10

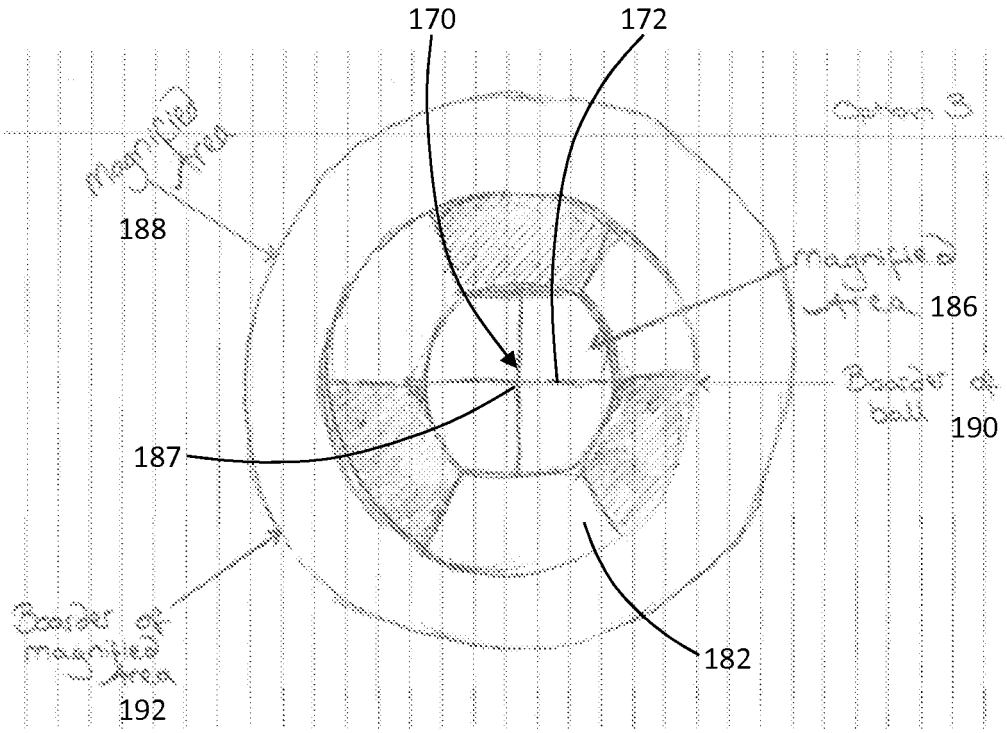


Figure 11

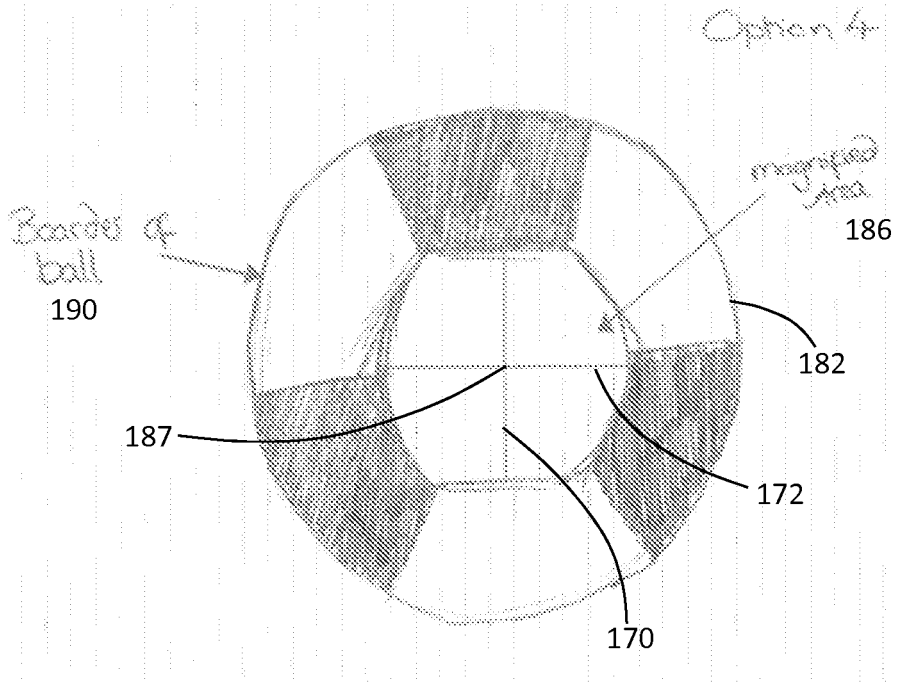


Figure 12

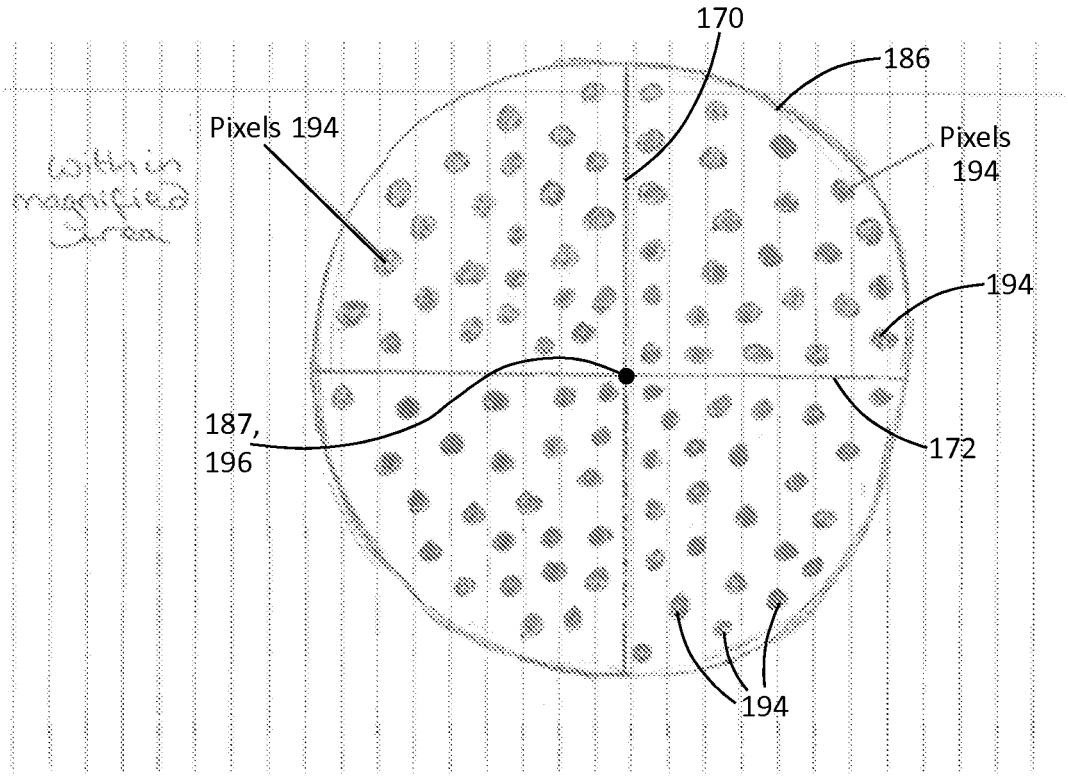


Figure 13

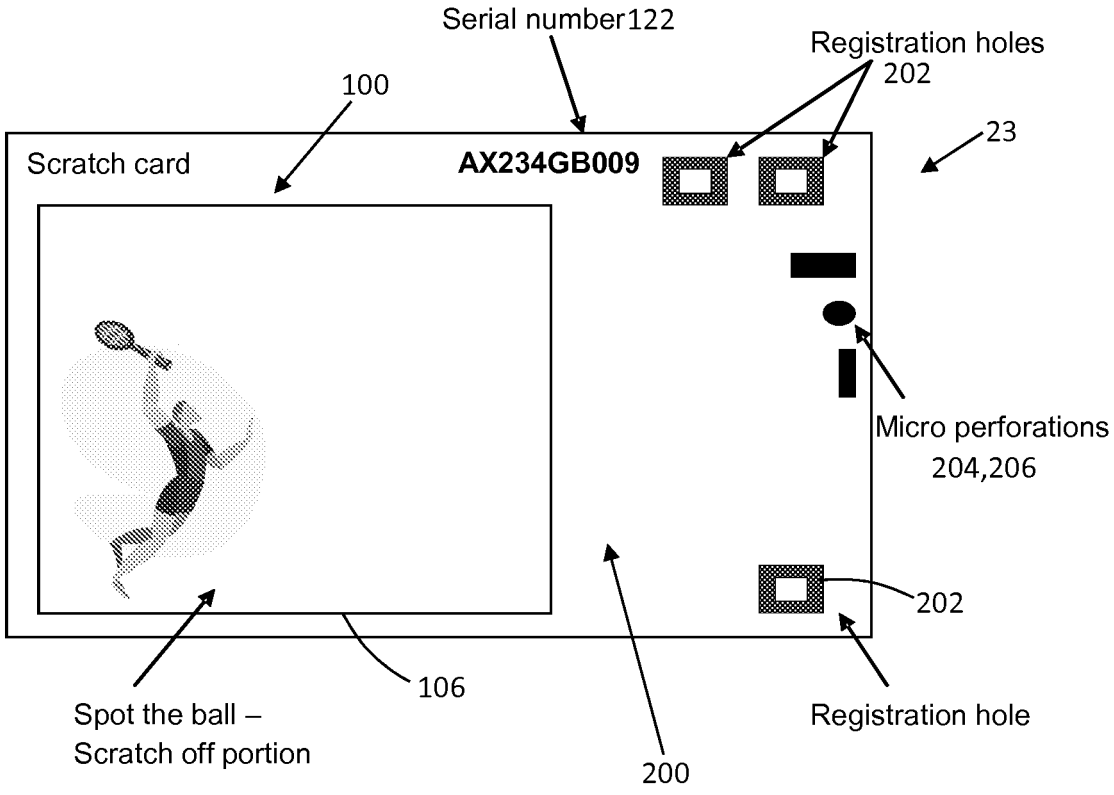

Serial number122
Registration holes
202
100
23
Scratch card
AX234GB009
Micro perforations
204,206
202
106
Spot the ball –
Scratch off portion
200
Registration hole

Figure 14