FIG. 1

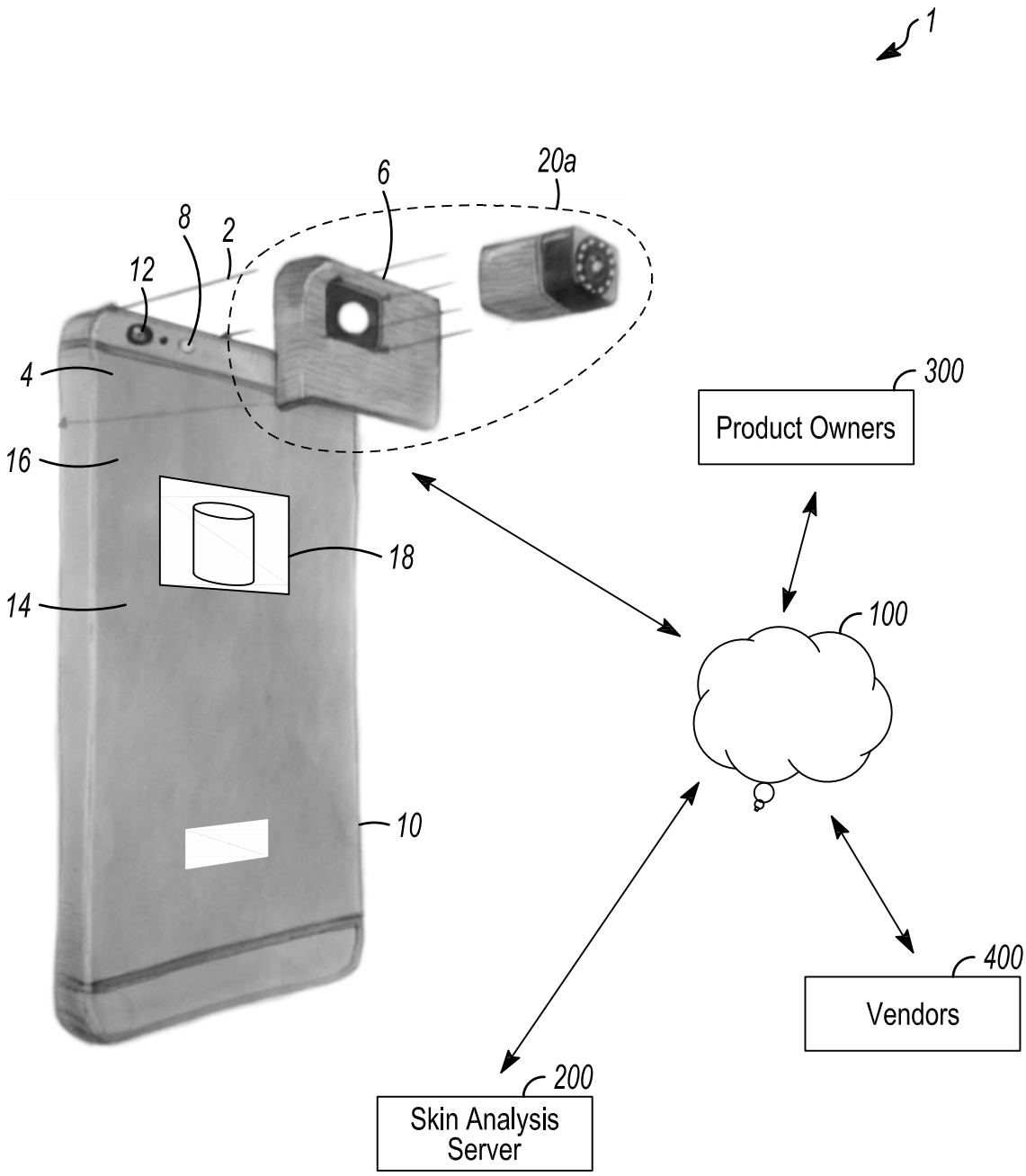

1
6
20a
8
2
12
4
16
18
14
10
300
Product Owners
100
400
Vendors
200
Skin Analysis Server

FIG. 2

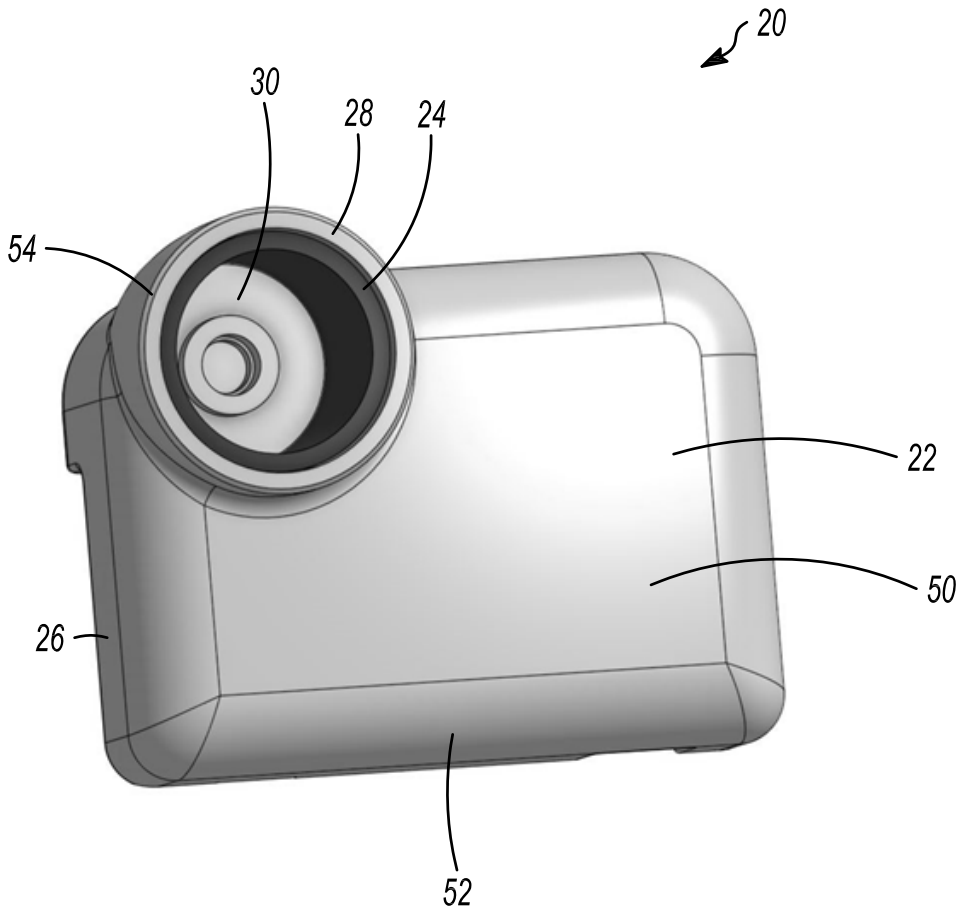


FIG. 3

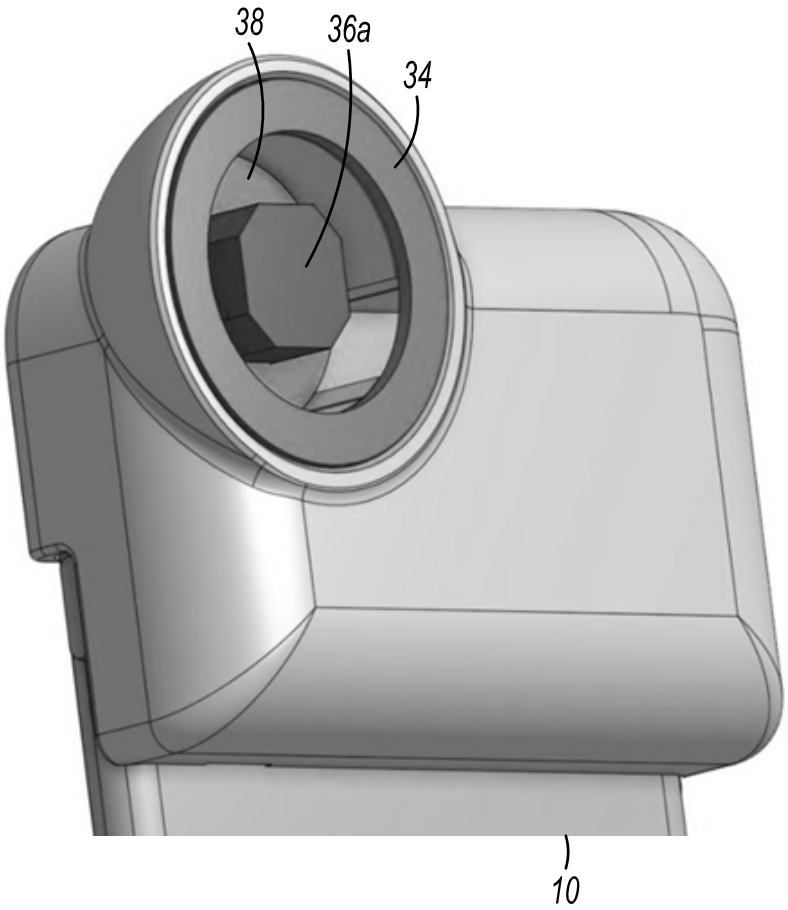


FIG. 4A

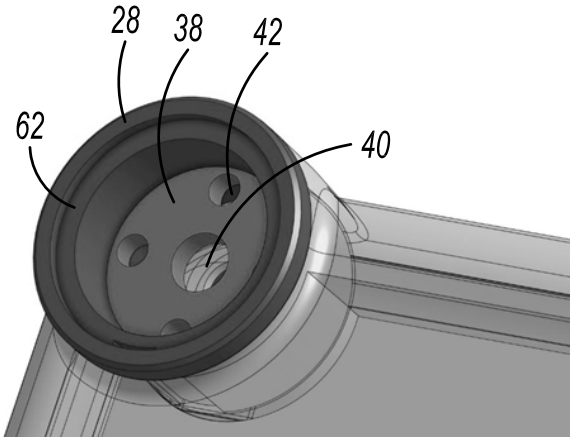


FIG. 4B

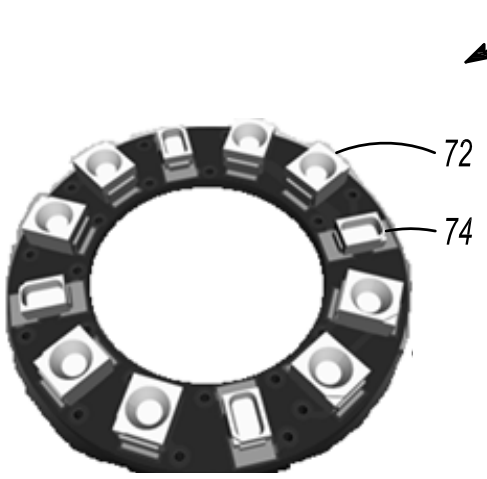


FIG. 4C

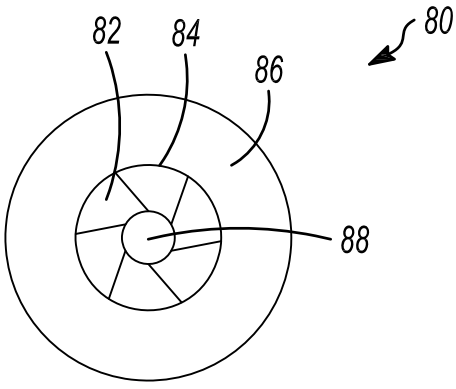


FIG. 5

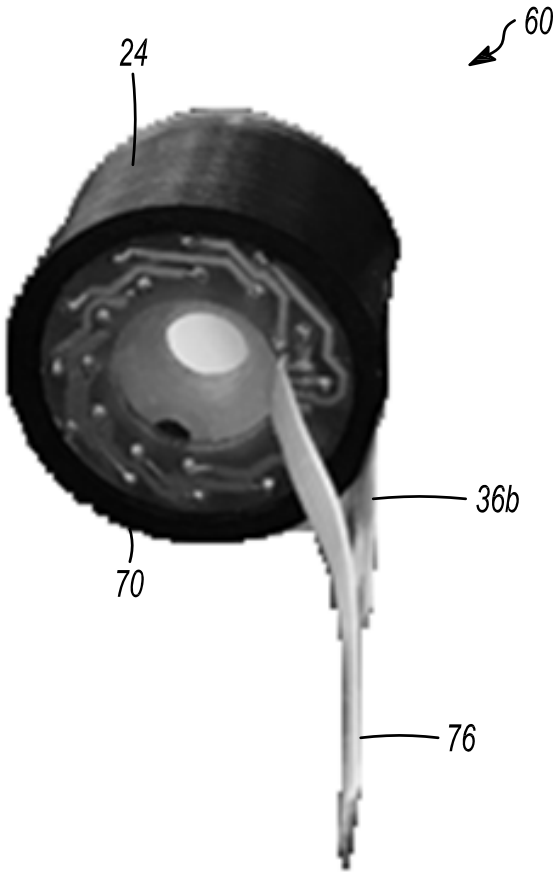


FIG. 6

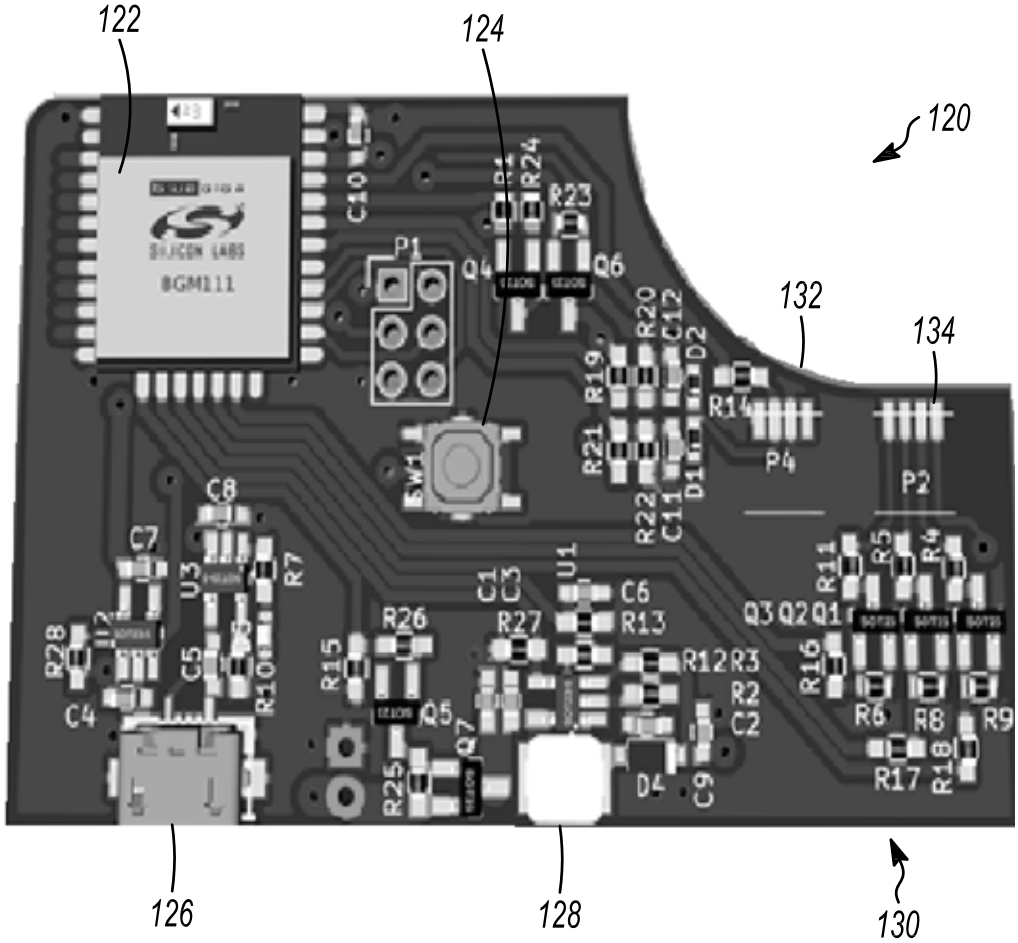

122
124
120
132
134
126
128
130
SILICON LABS
BGM111
P1
P2
P4
SW1
U1
U2
U3
Q1
Q2
Q3
Q4
Q5
Q6
Q7
D1
D2
D4
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
R18
R19
R20
R21
R22
R23
R24
R25
R26
R27
R28

FIG. 7

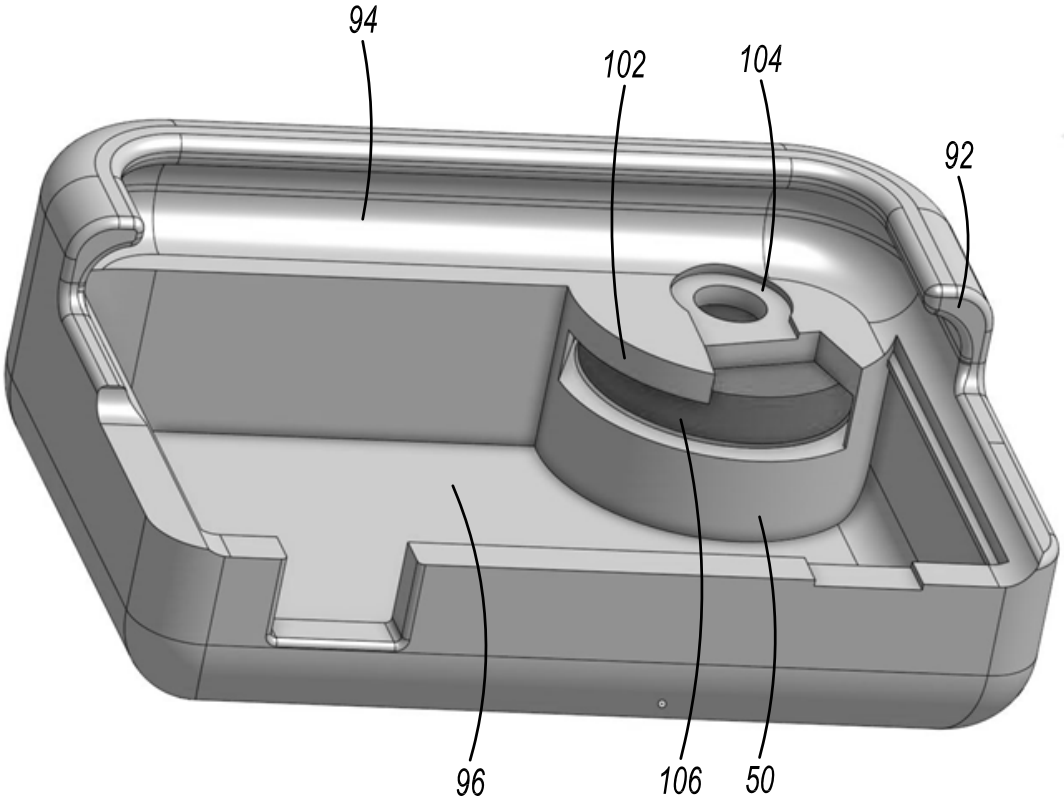


FIG. 8

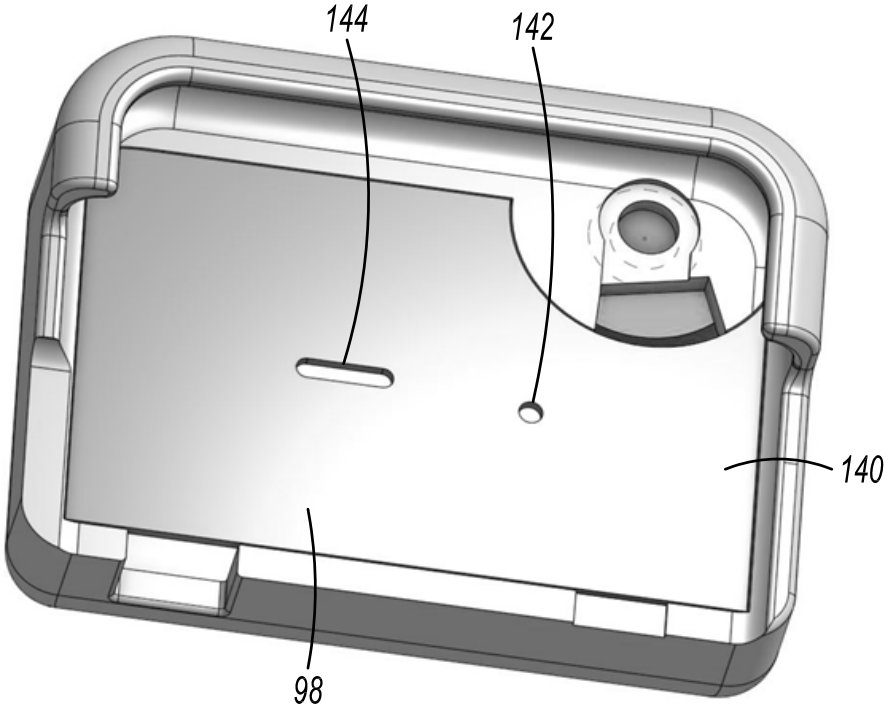


FIG. 9

Assembly

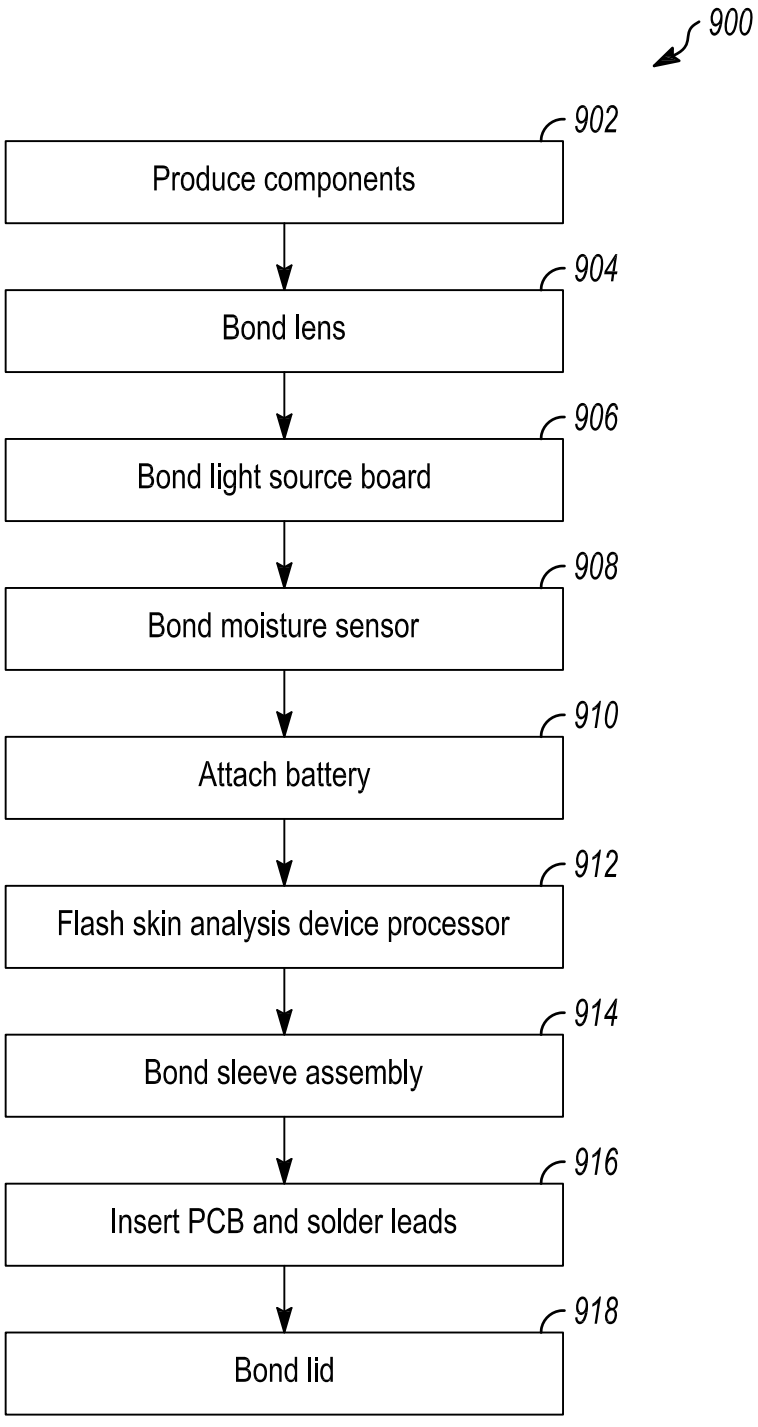


FIG. 10

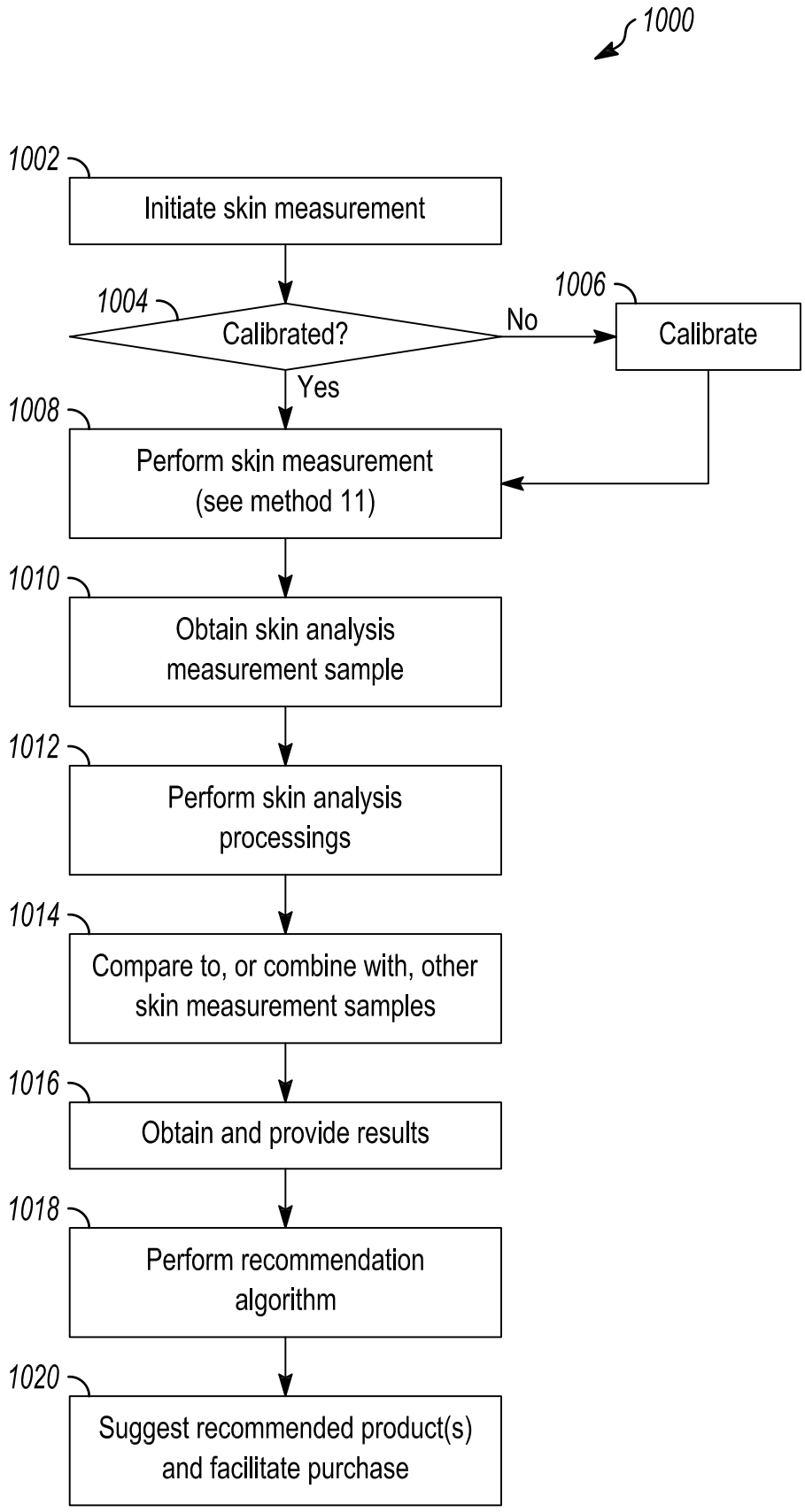

1000
1002
Initiate skin measurement
1004
Calibrated?
No
1006
Calibrate
Yes
1008
Perform skin measurement (see method 11)
1010
Obtain skin analysis measurement sample
1012
Perform skin analysis processings
1014
Compare to, or combine with, other skin measurement samples
1016
Obtain and provide results
1018
Perform recommendation algorithm
1020
Suggest recommended product(s) and facilitate purchase

FIG. 11

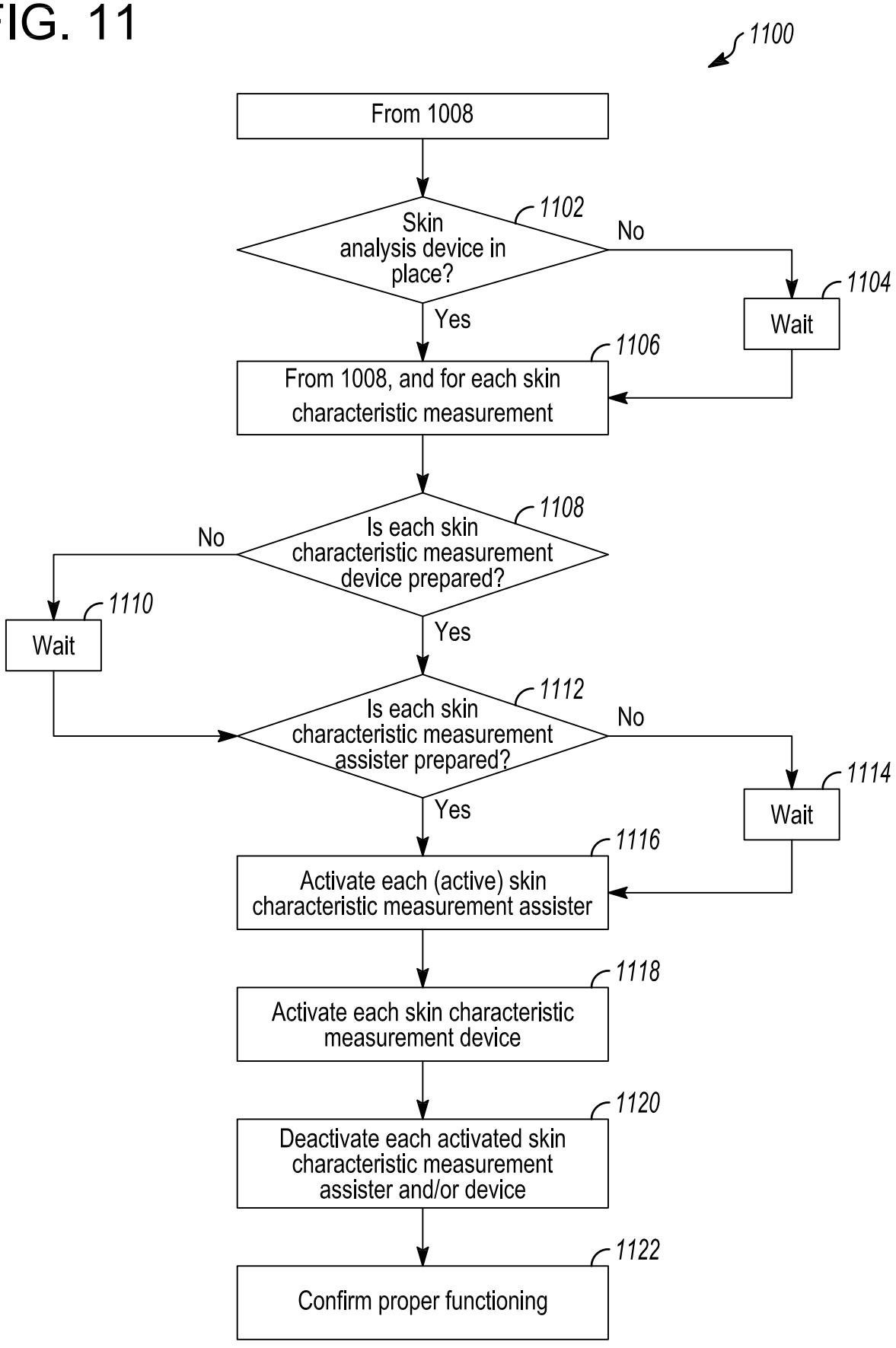

1100
From 1008
1102
Skin analysis device in place?
No
Yes
1104
Wait
1106
From 1008, and for each skin characteristic measurement
1108
Is each skin characteristic measurement device prepared?
No
Yes
1110
Wait
1112
Is each skin characteristic measurement assister prepared?
No
Yes
1114
Wait
1116
Activate each (active) skin characteristic measurement assister
1118
Activate each skin characteristic measurement device
1120
Deactivate each activated skin characteristic measurement assister and/or device
1122
Confirm proper functioning

FIG. 12A

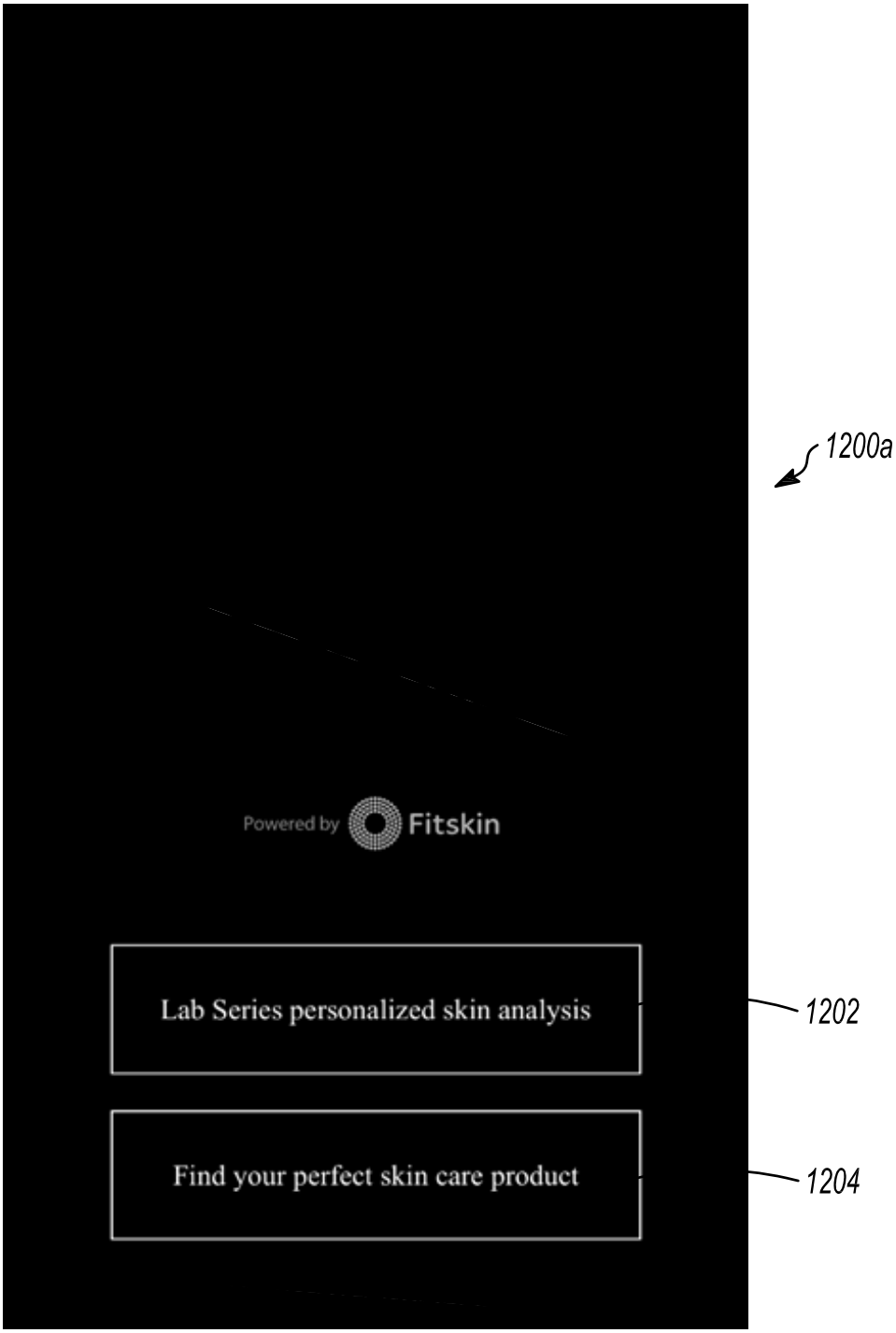

1200a
Powered by Fitskin
Lab Series personalized skin analysis
1202
Find your perfect skin care product
1204

FIG. 12b

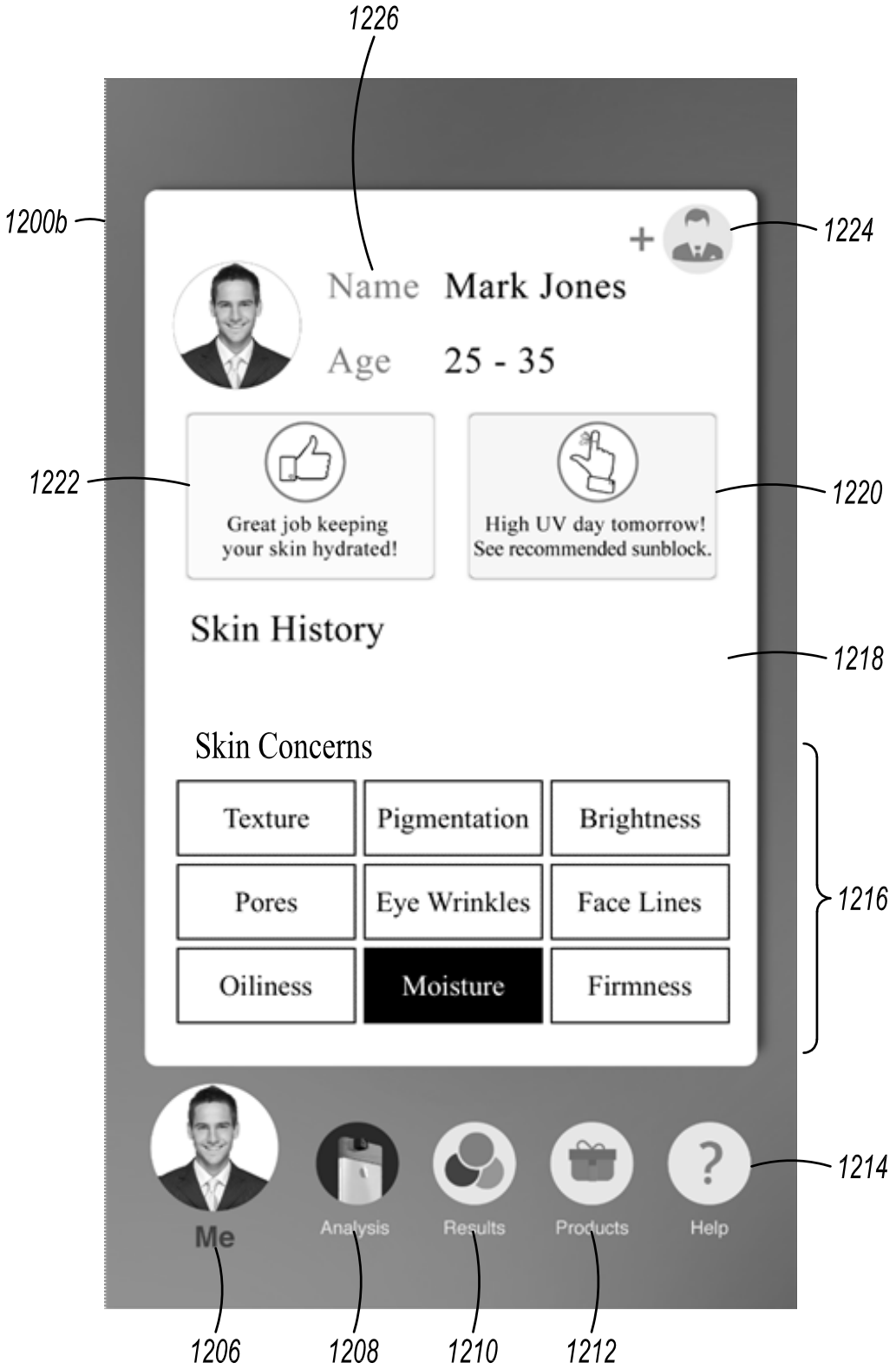

1226
1200b
1224
Name Mark Jones
Age 25 - 35
1222
Great job keeping your skin hydrated!
High UV day tomorrow! See recommended sunblock.
1220
Skin History
1218
Skin Concerns
Texture
Pigmentation
Brightness
Pores
Eye Wrinkles
Face Lines
Oiliness
Moisture
Firmness
1216
Me
Analysis
Results
Products
Help
1214
1206
1208
1210
1212

FIG. 12C

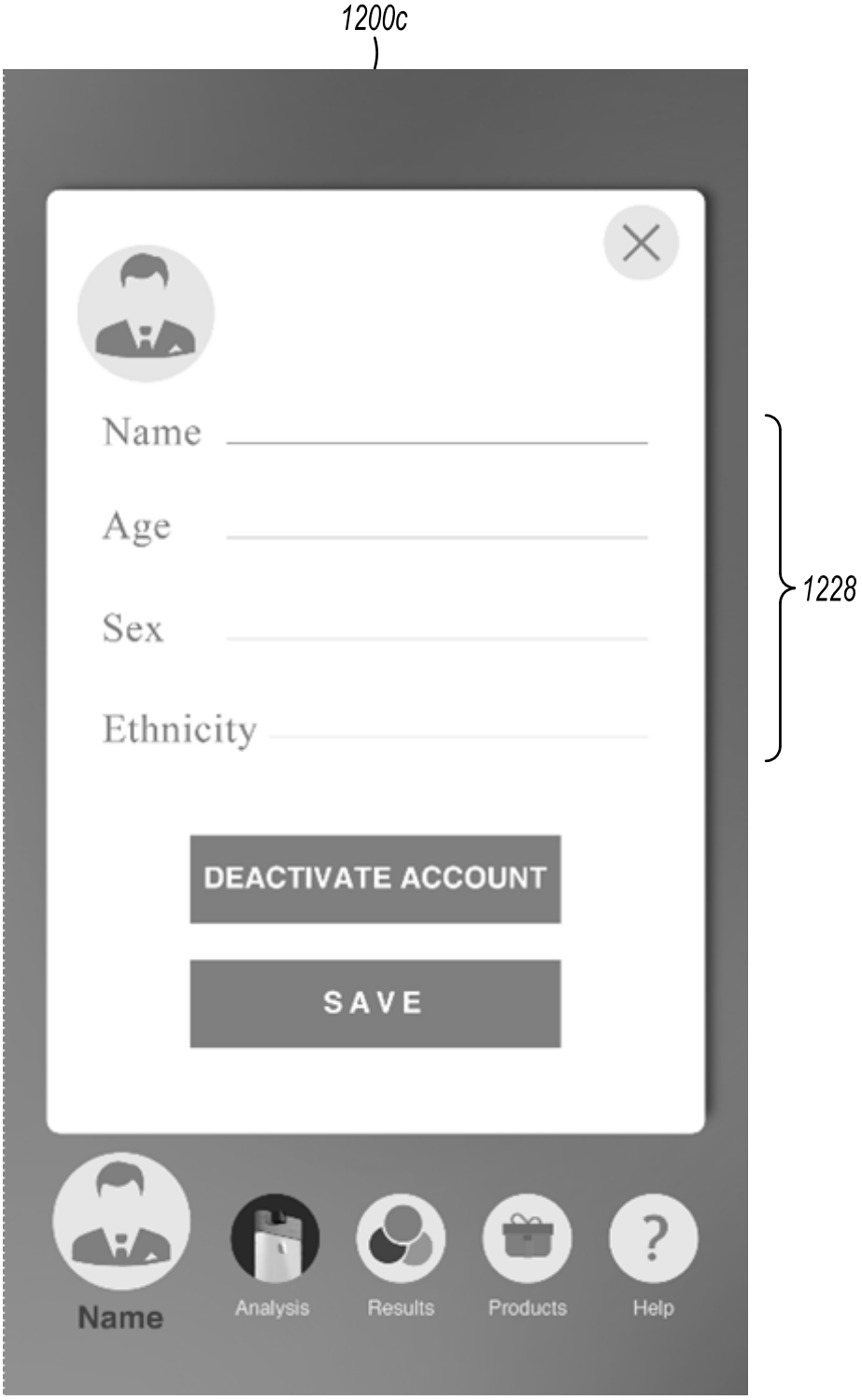

1200c
Name
Age
Sex
Ethnicity
1228
DEACTIVATE ACCOUNT
SAVE
Name
Analysis
Results
Products
Help

FIG. 12D

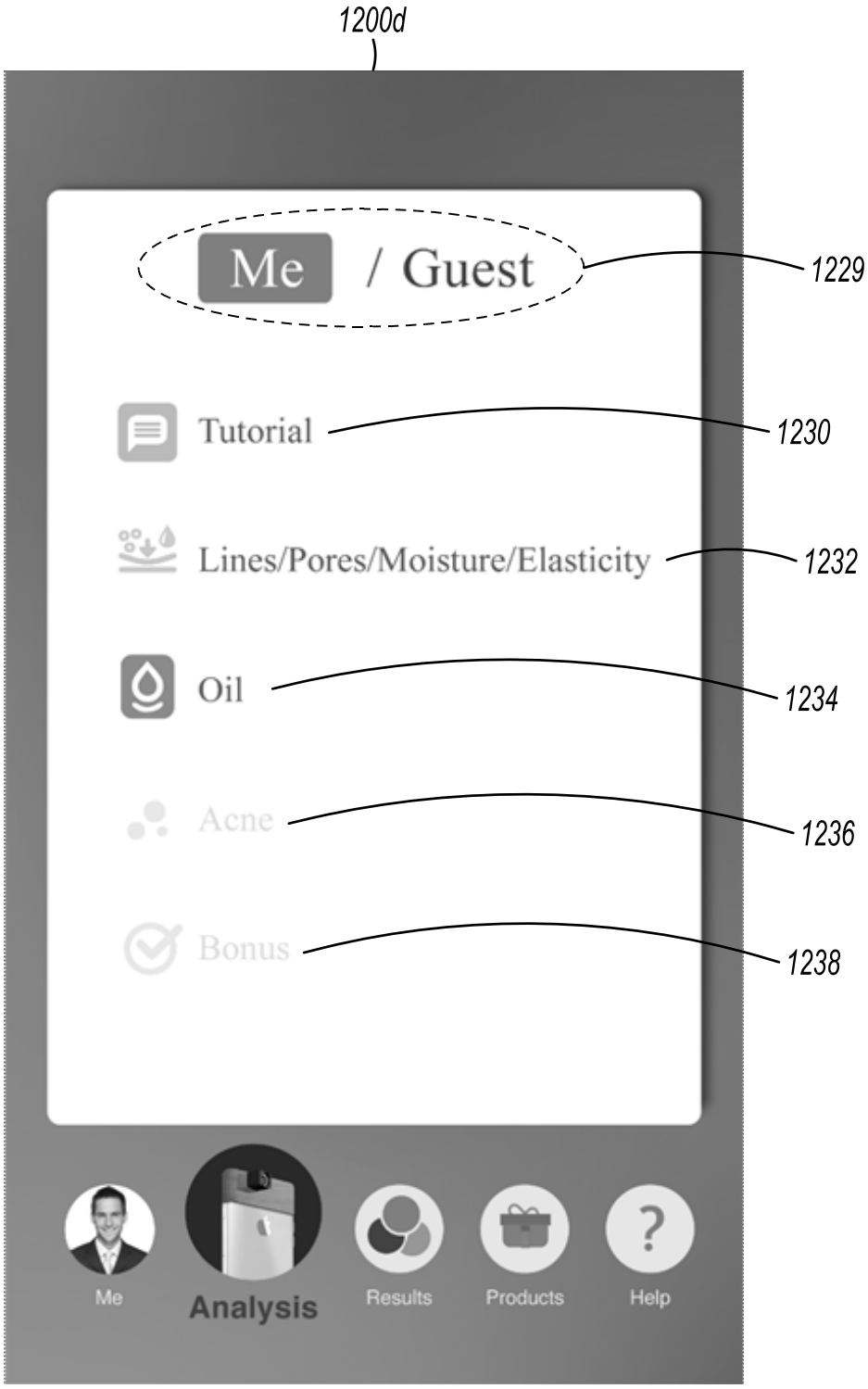

1200d
Me / Guest
1229
Tutorial
1230
Lines/Pores/Moisture/Elasticity
1232
Oil
1234
Acne
1236
Bonus
1238
Me
Analysis
Results
Products
Help

FIG. 12E

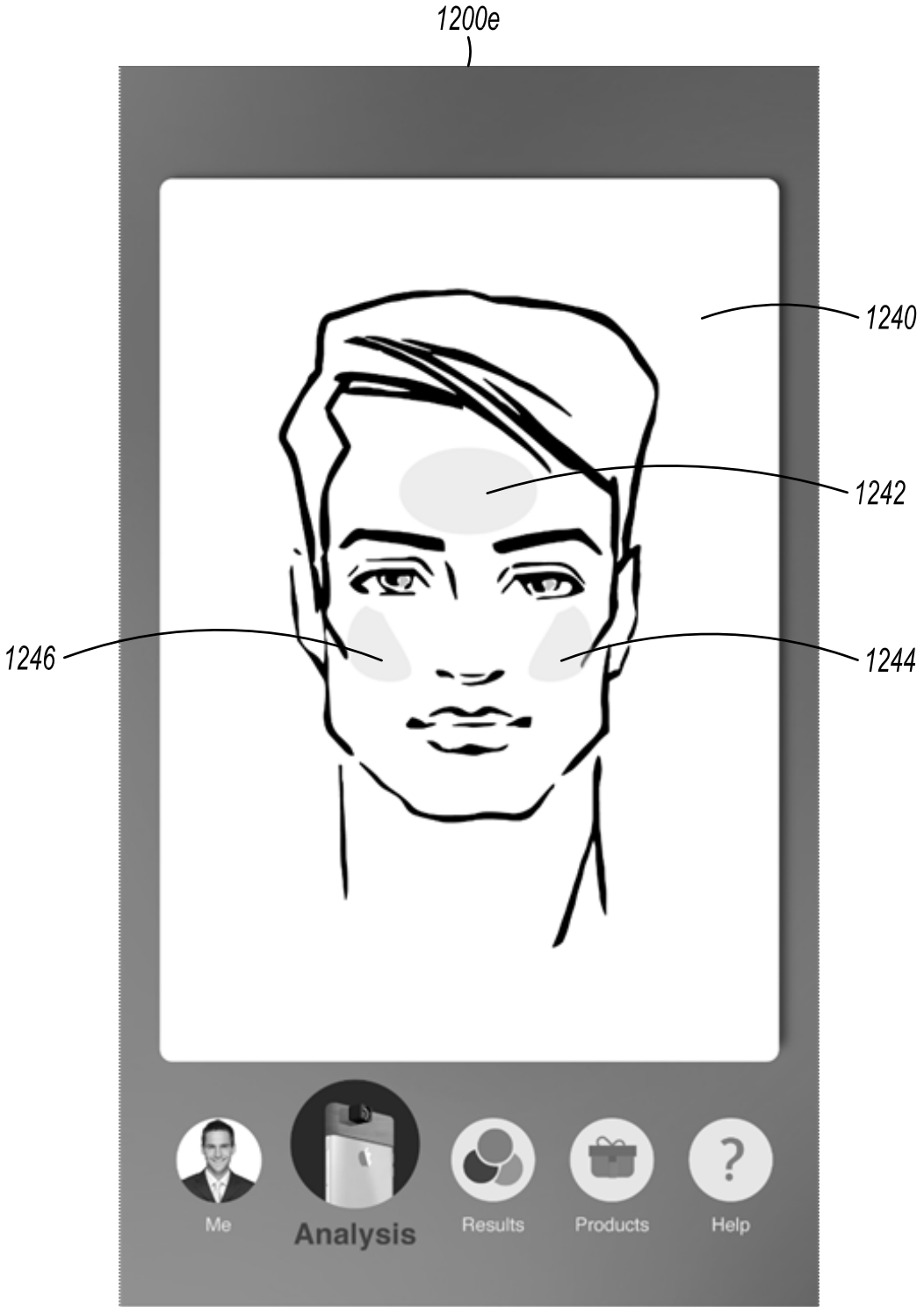

1200e
1240
1242
1246
1244
Me
Analysis
Results
Products
Help

FIG. 12F

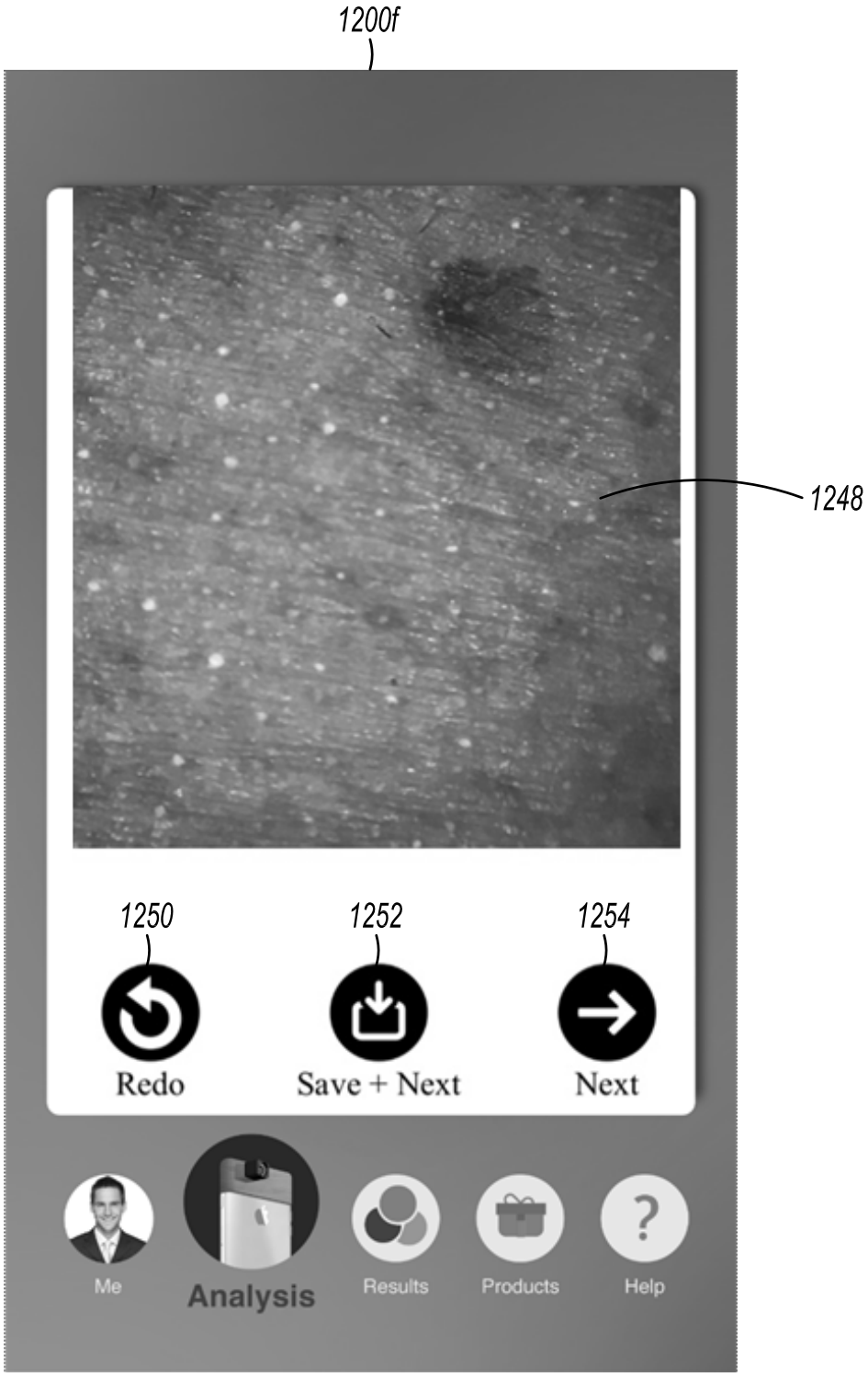

1200f
1248
1250
1252
1254
Redo
Save + Next
Next
Me
Analysis
Results
Products
Help

FIG. 12G

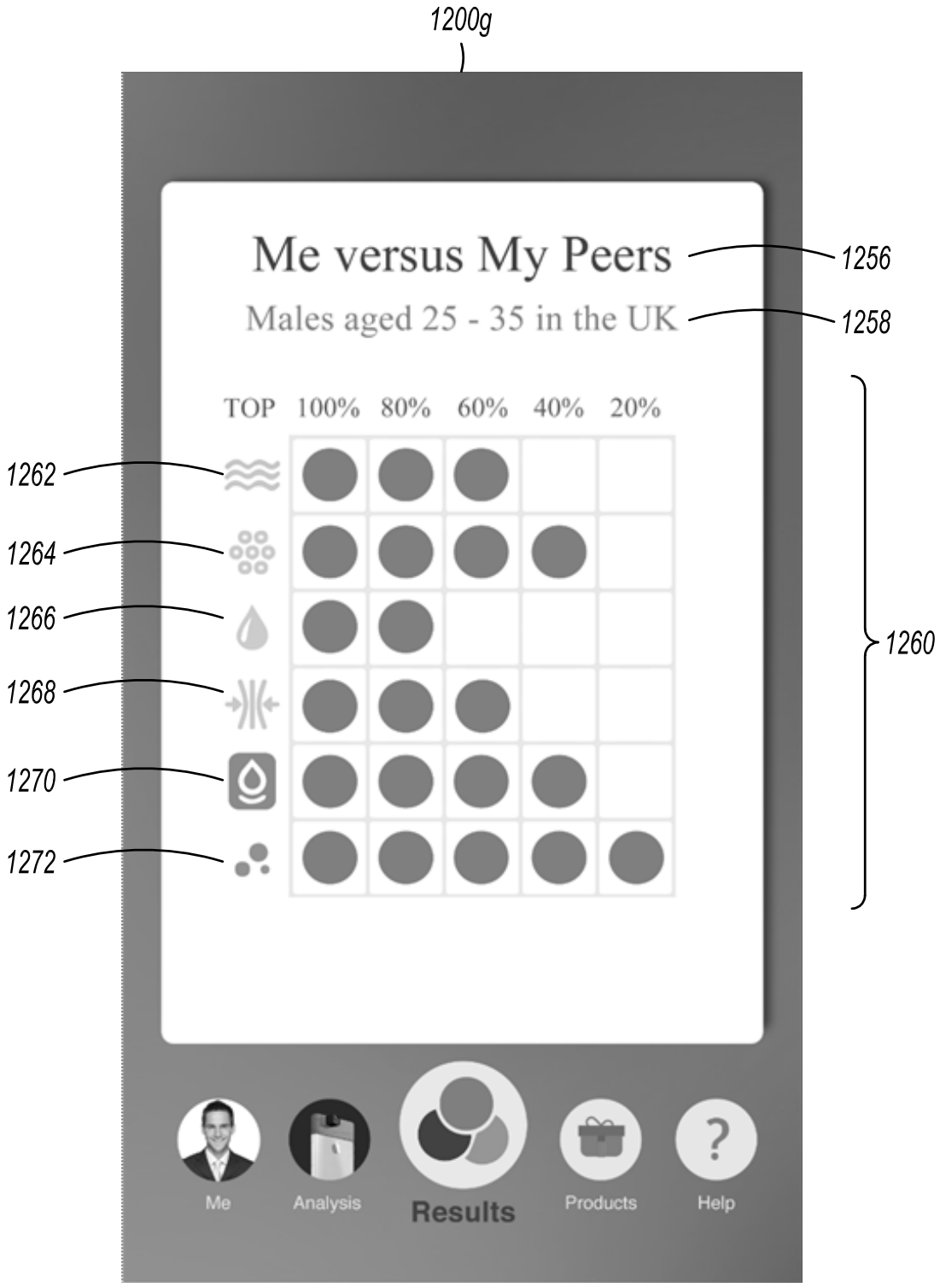

1200g
Me versus My Peers
1256
Males aged 25 - 35 in the UK
1258
TOP 100% 80% 60% 40% 20%
1262
1264
1266
1268
1270
1272
1260
Me
Analysis
Results
Products
Help

FIG. 12H


1200h
MAX LS POWER V
LIFTING LOTION
1274
LAB
SERIES
READ ALL 3 REVIEWS
WRITE A REVIEW
1.7 oz
$80.00
1276
1278
HOW DOES IT WORK:
1280
HOW/WHEN TO USE:
1282
ADD TO CART
Me
Analysis
Results
Products
Help

FIG. 12I

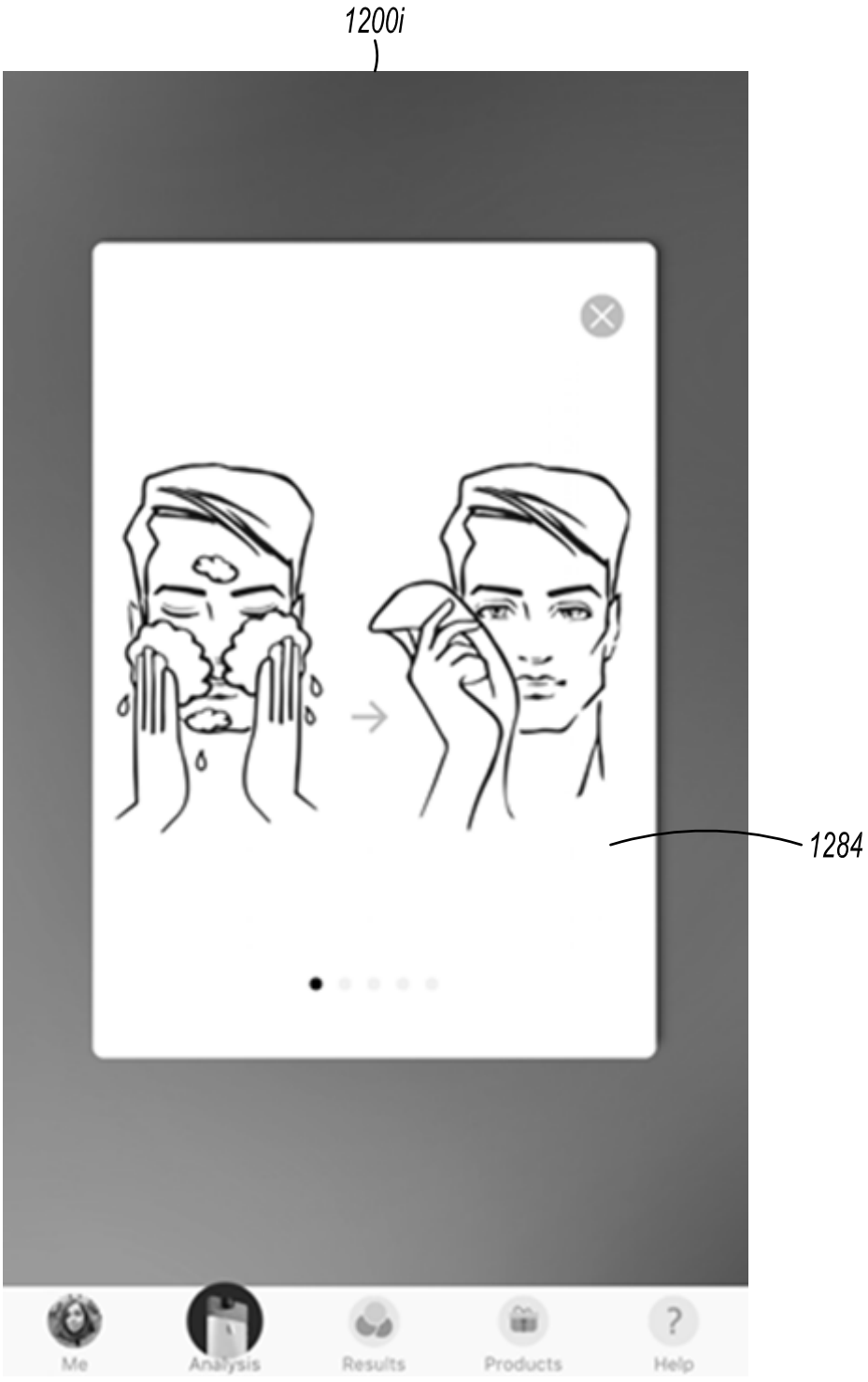


FIG. 12J

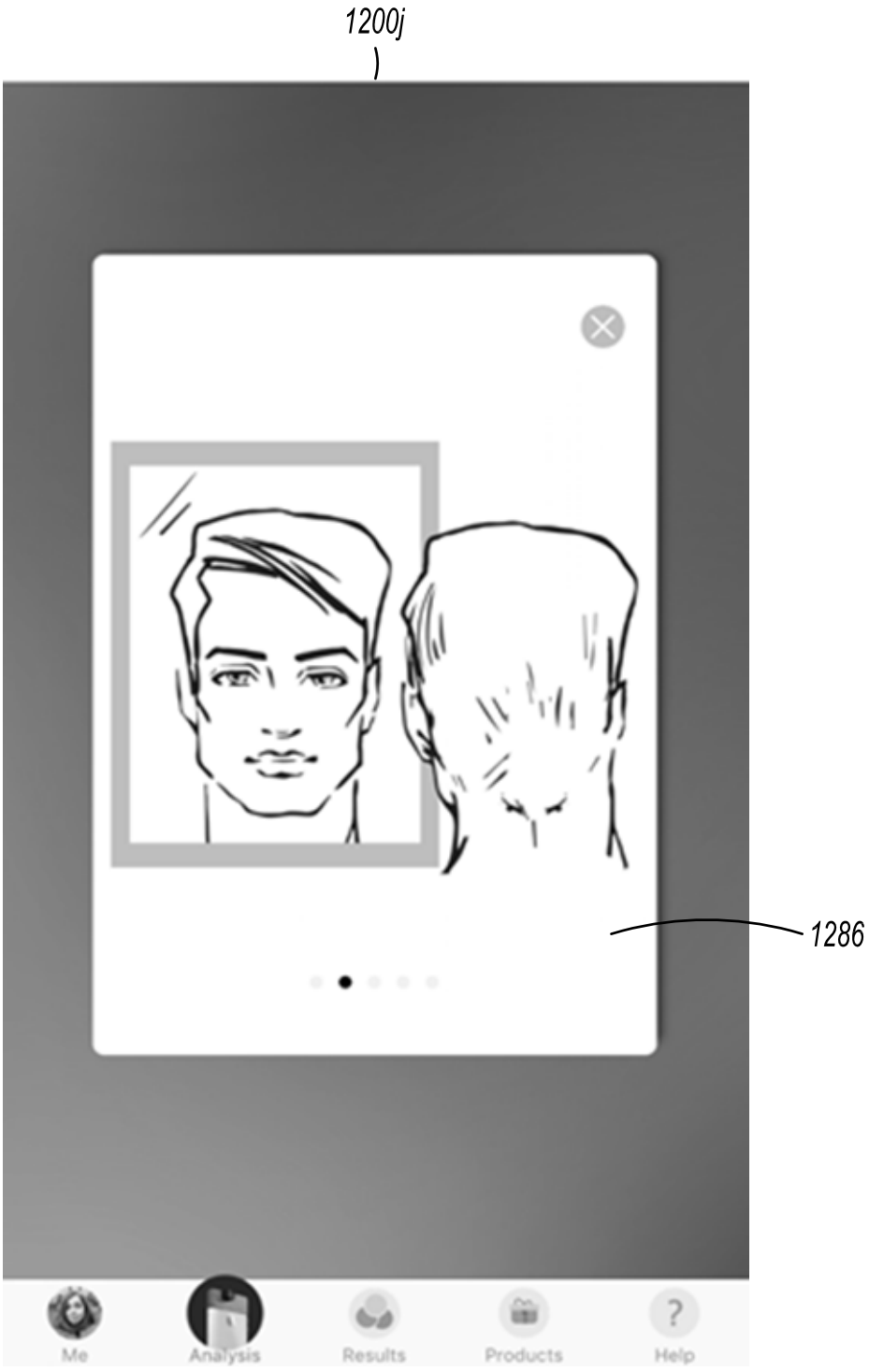


FIG. 12K

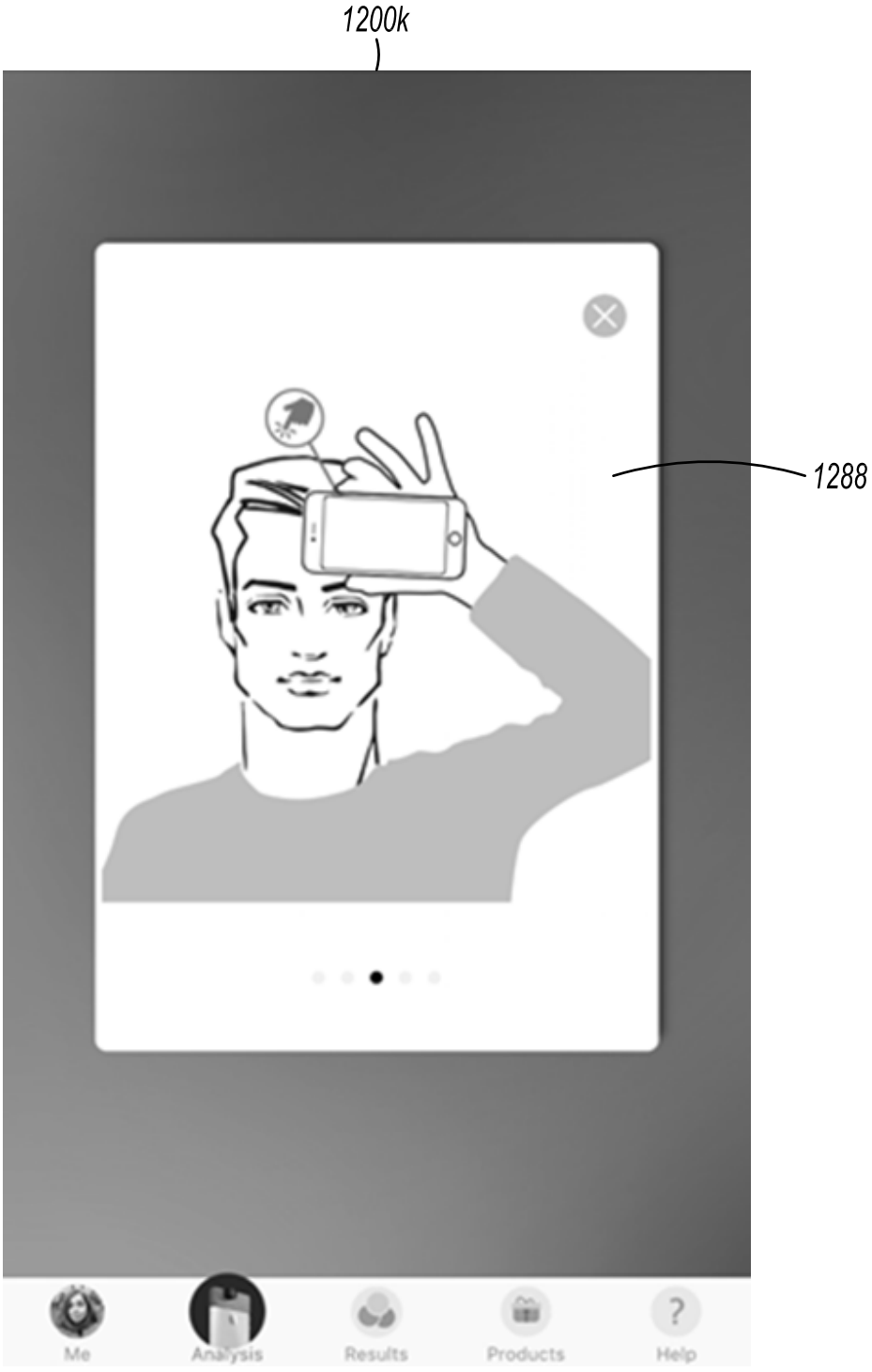


FIG. 12L

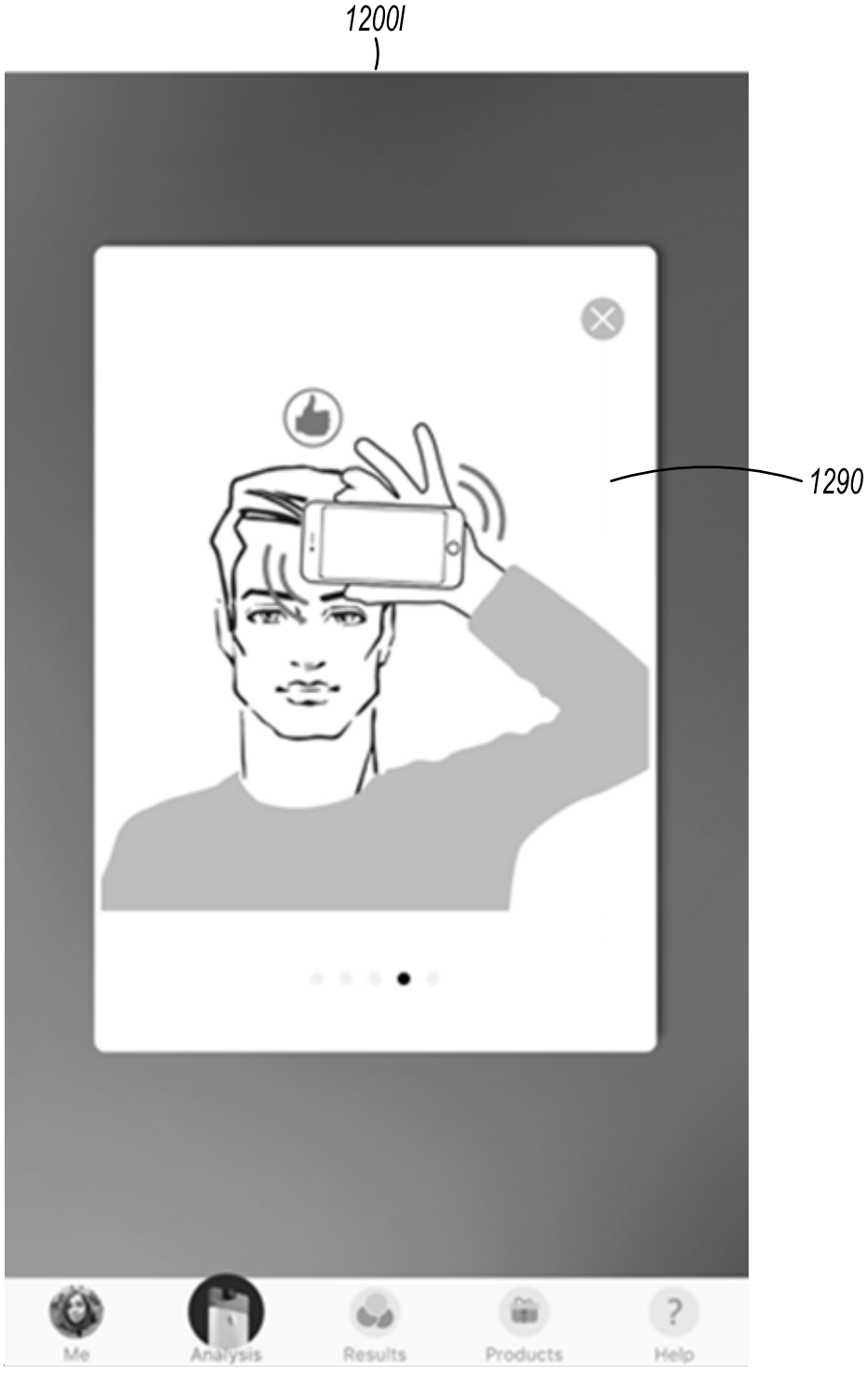
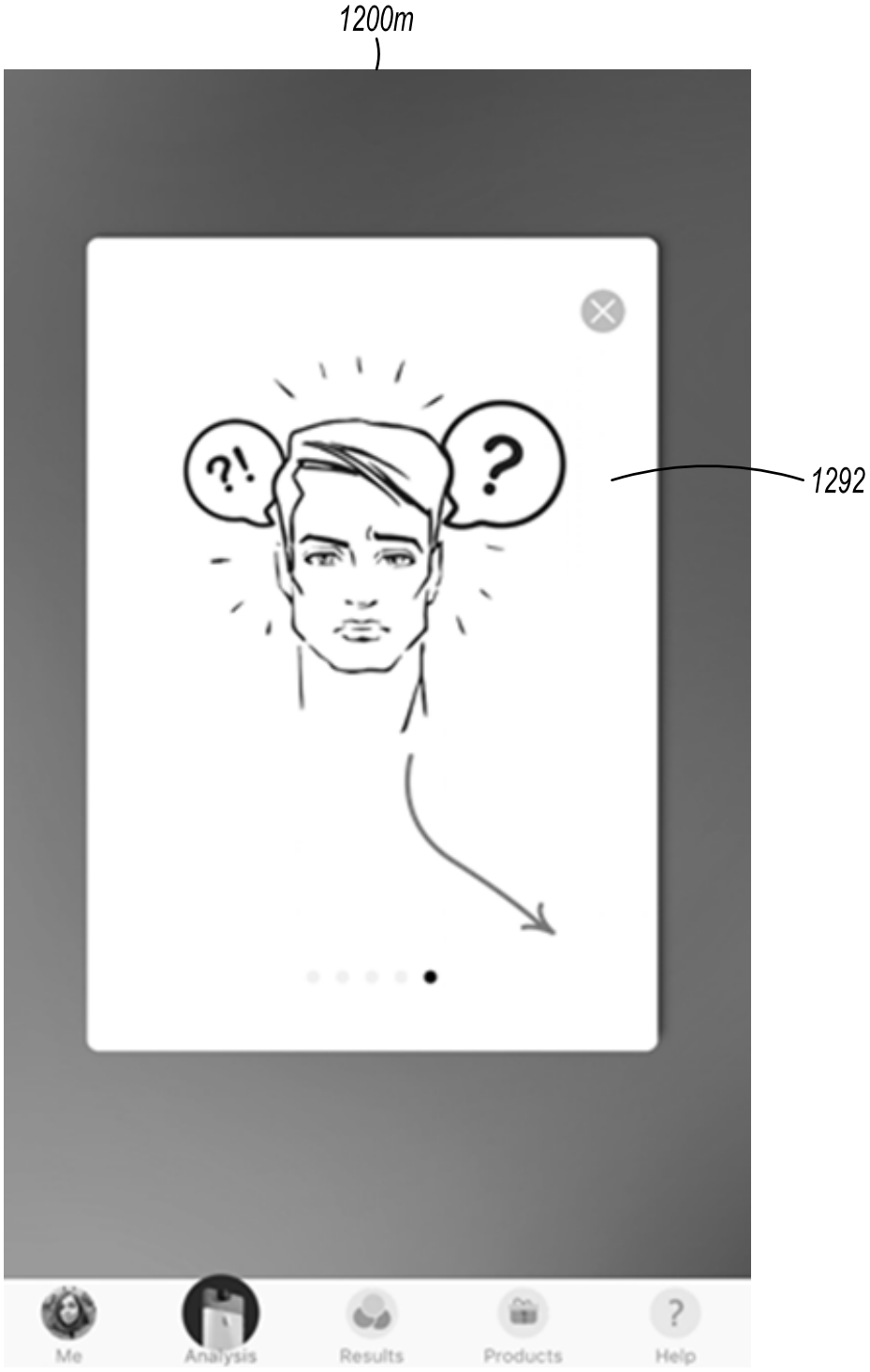


FIG. 12M



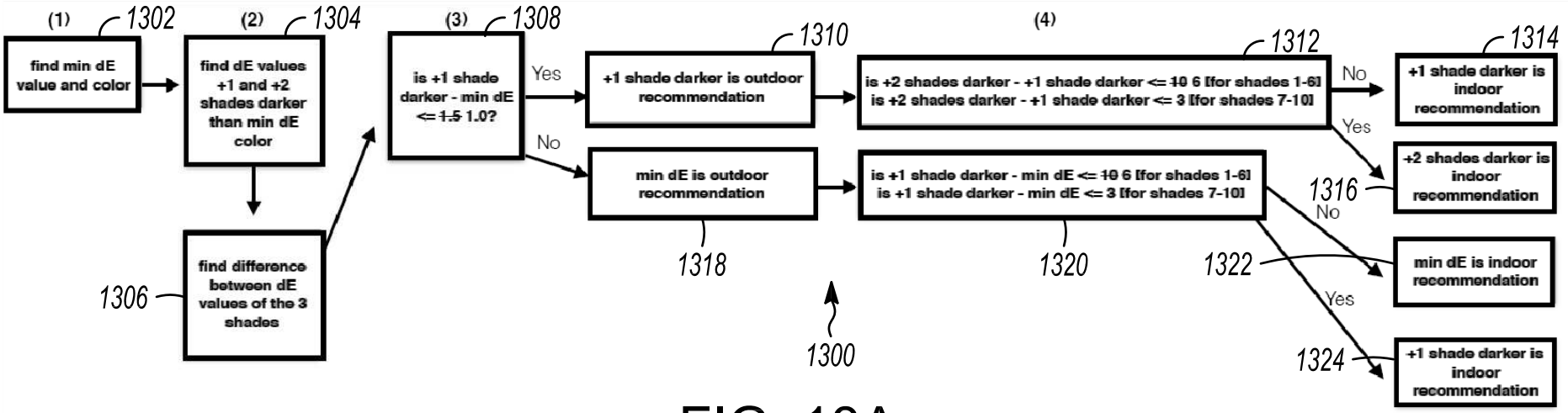


FIG. 13A

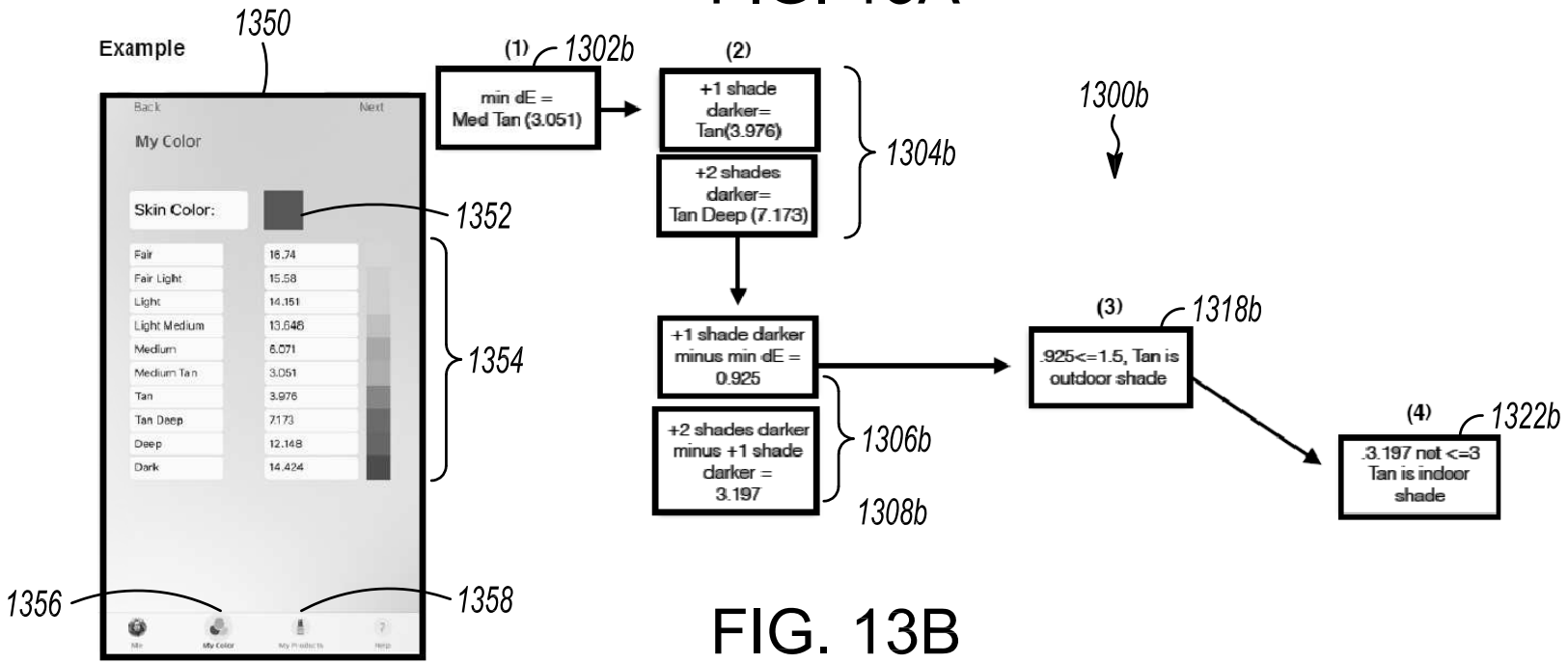


FIG. 13B

FIG. 14A

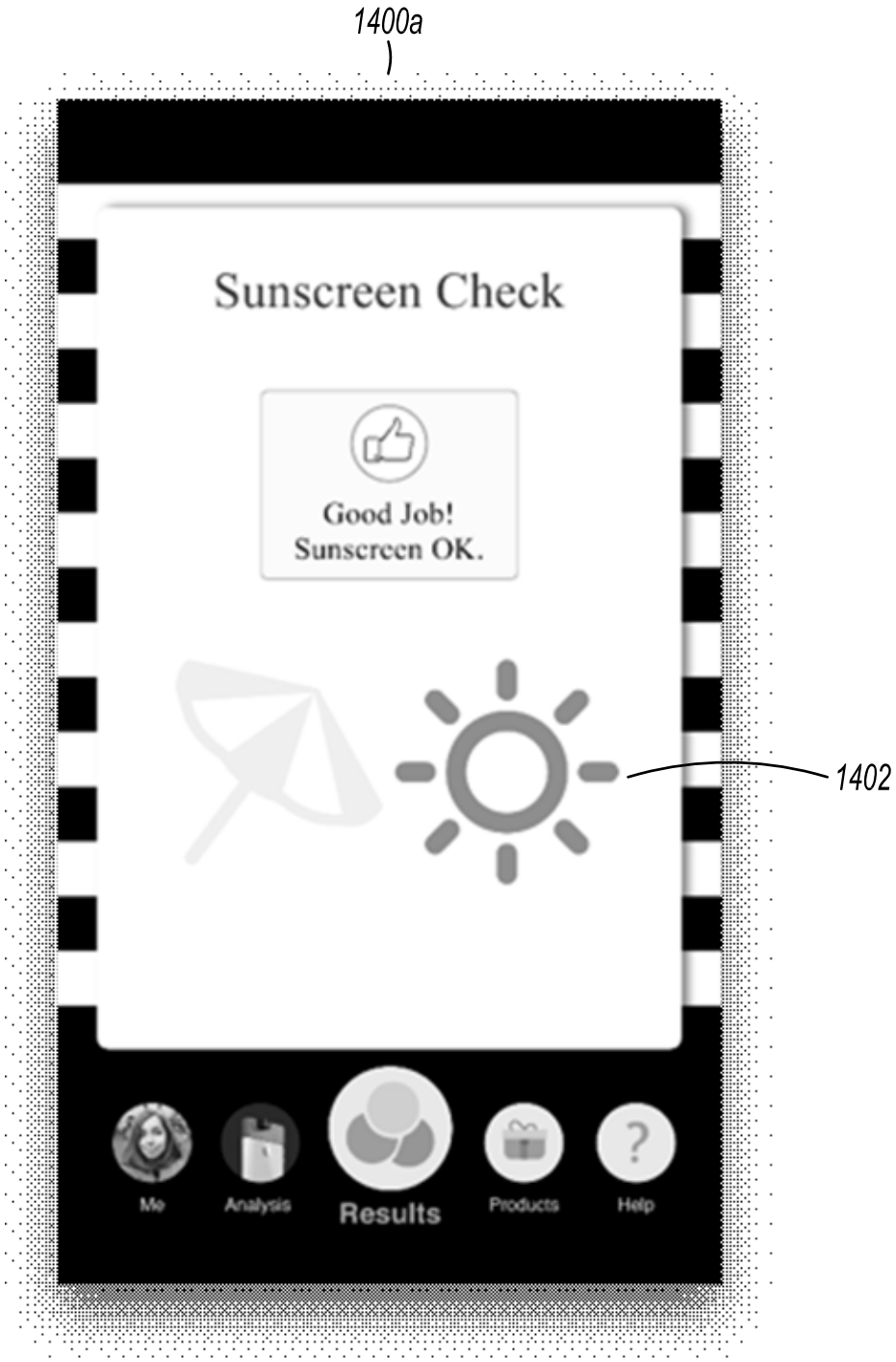

1400a
Sunscreen Check
Good Job!
Sunscreen OK.
1402
Me
Analysis
Results
Products
Help

FIG. 14B


1400b
Name Mark Jones
Age 25 - 35
Skin History
Skin Rewards
1422
1420
Me

FIG. 14C

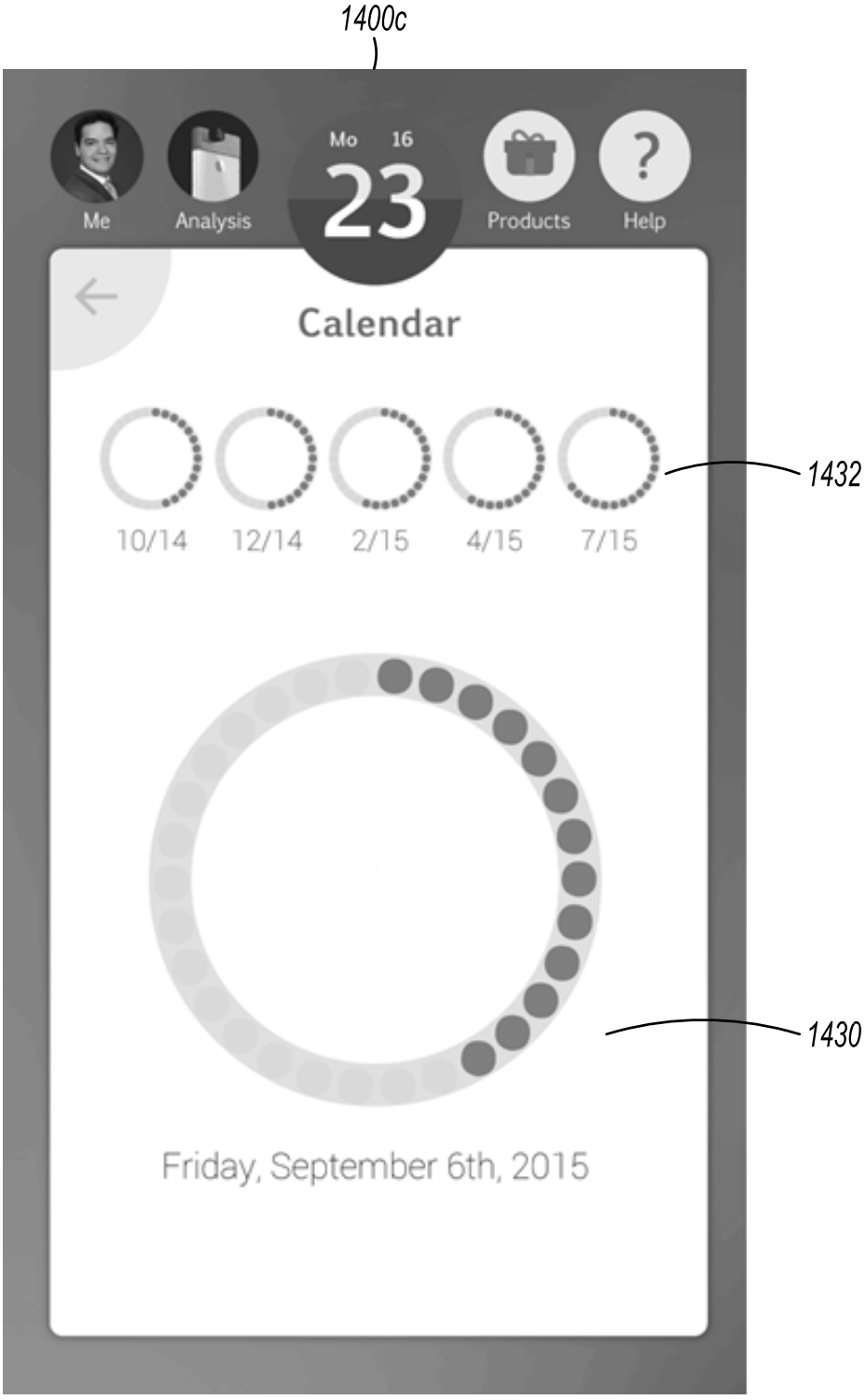

1400c
Me
Analysis
Mo 16
23
Products
Help
Calendar
10/14
12/14
2/15
4/15
7/15
1432
1430
Friday, September 6th, 2015

FIG. 14D

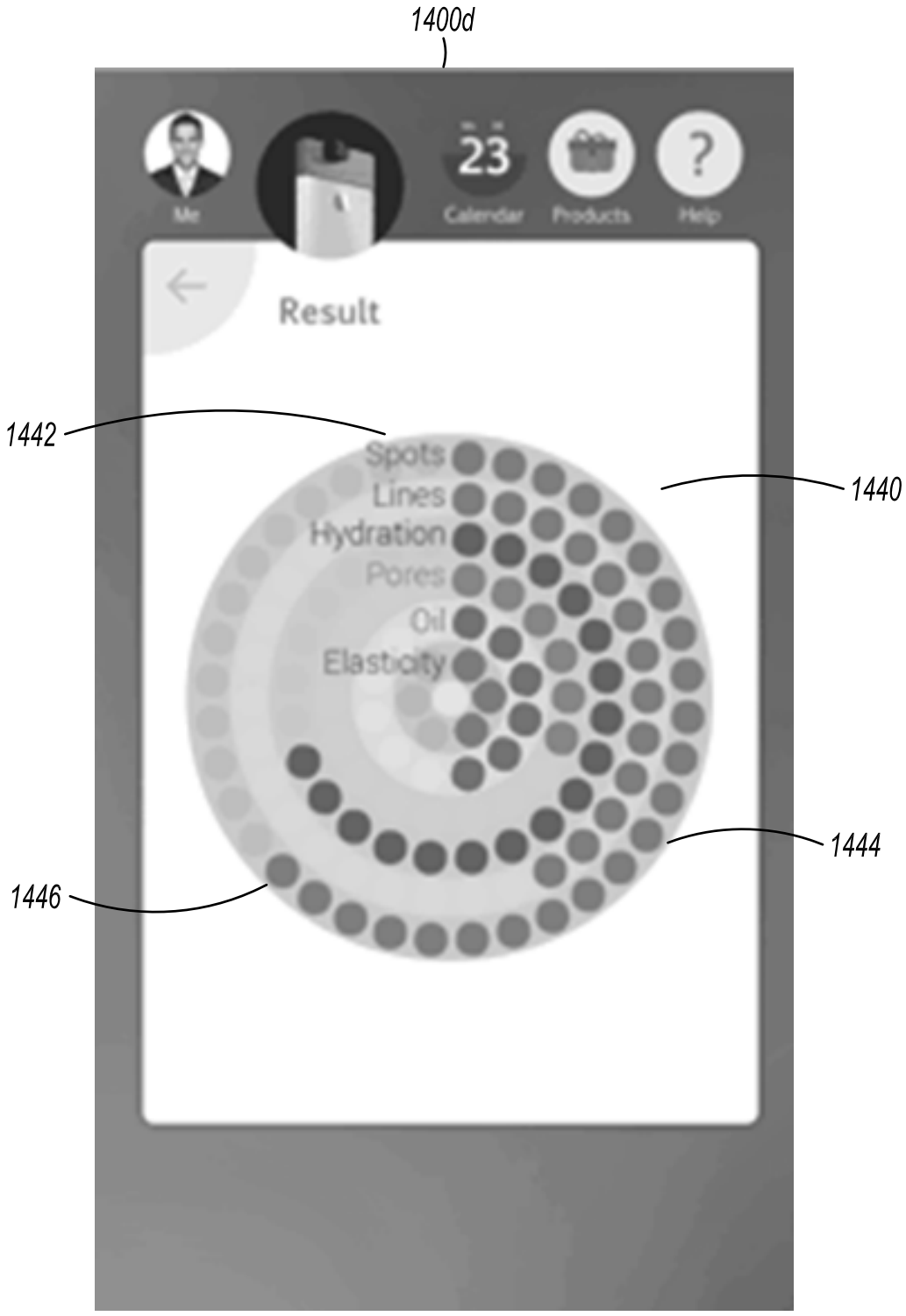

1400d
Me
23
Calendar
Products
Help
Result
1442
Spots
Lines
Hydration
Pores
Oil
Elasticity
1440
1444
1446

FIG. 15A

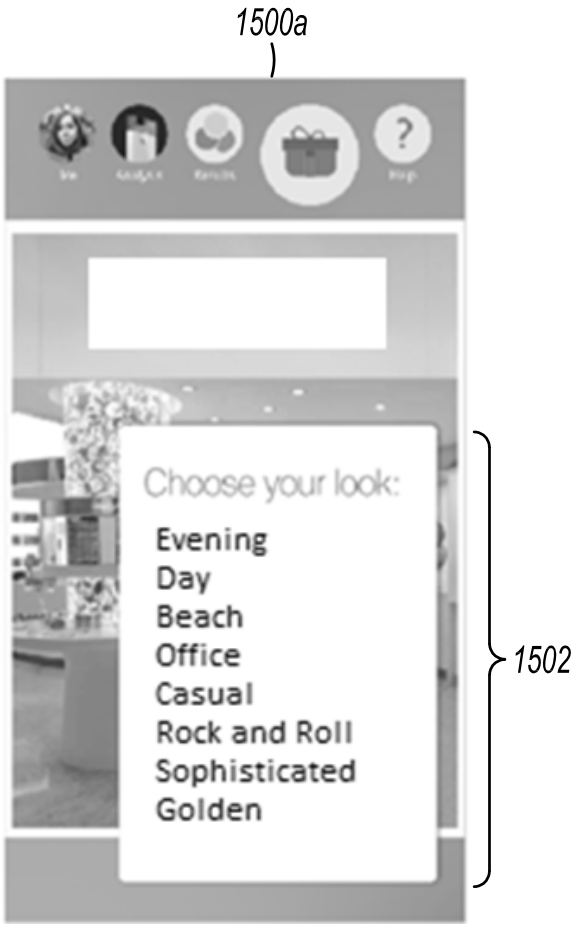


FIG. 15B

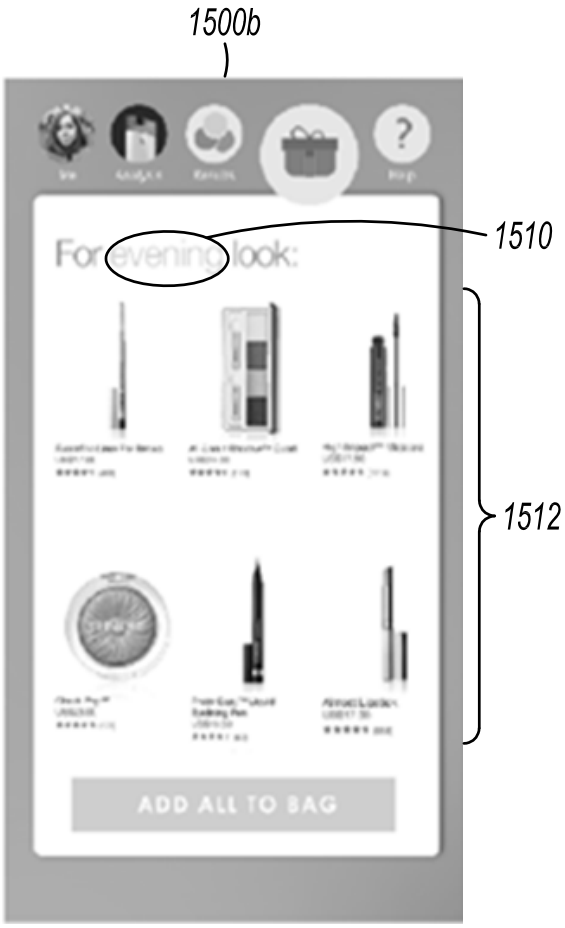


FIG. 16A

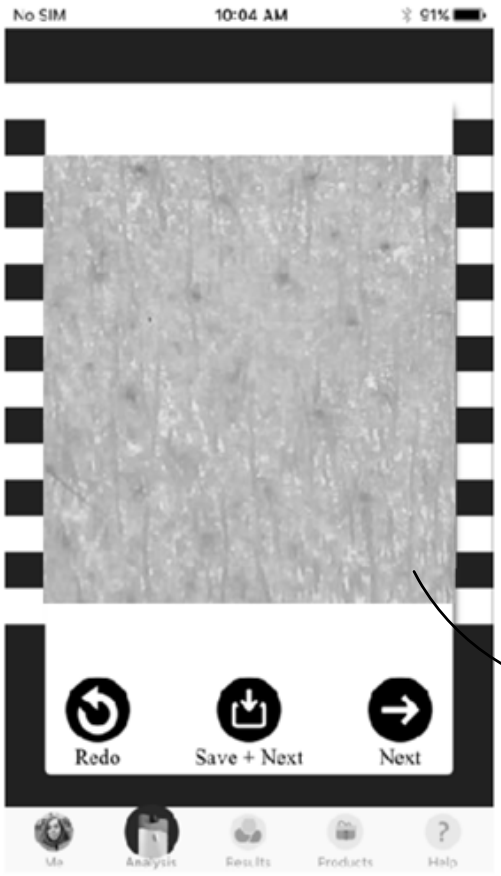


FIG. 16B

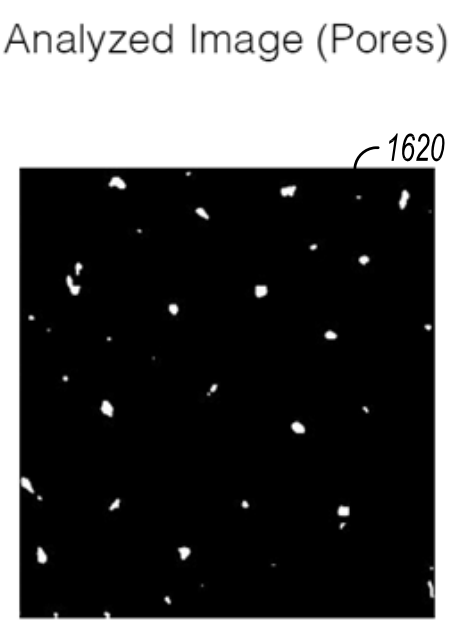


FIG. 16C

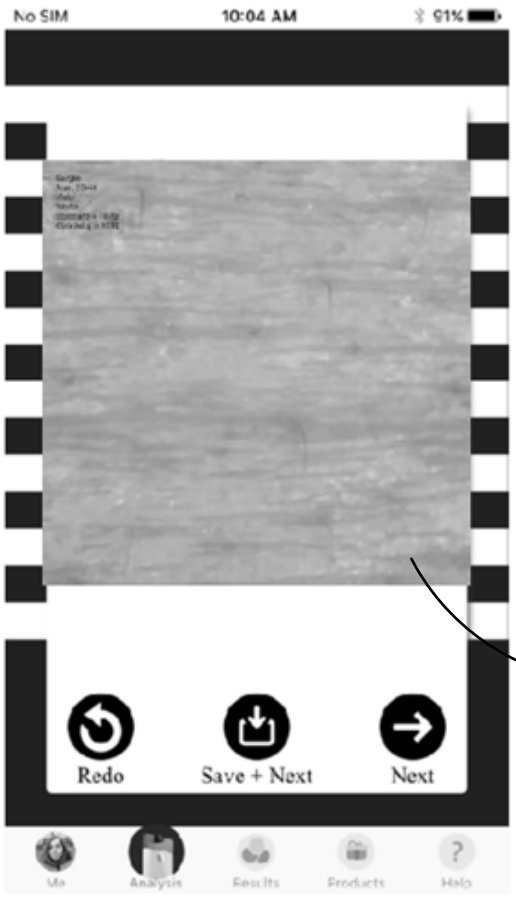


FIG. 16D



FIG. 16E

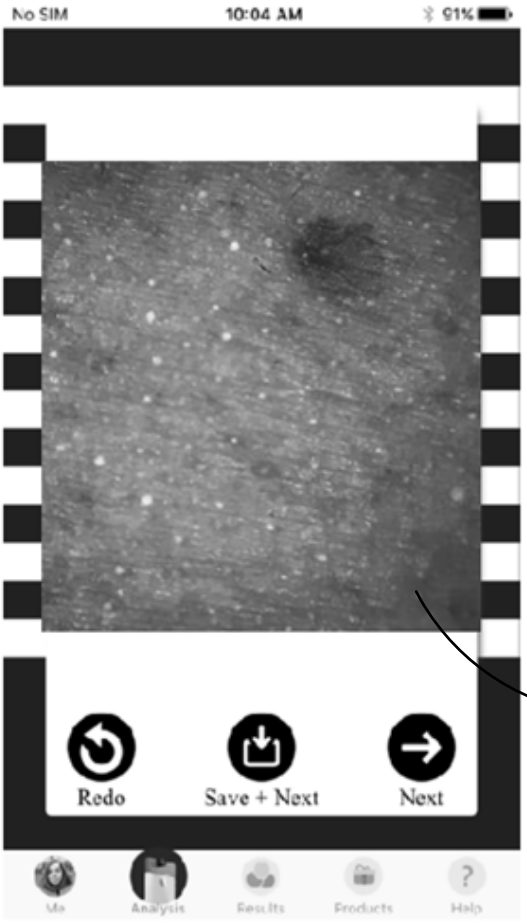


FIG. 16F

