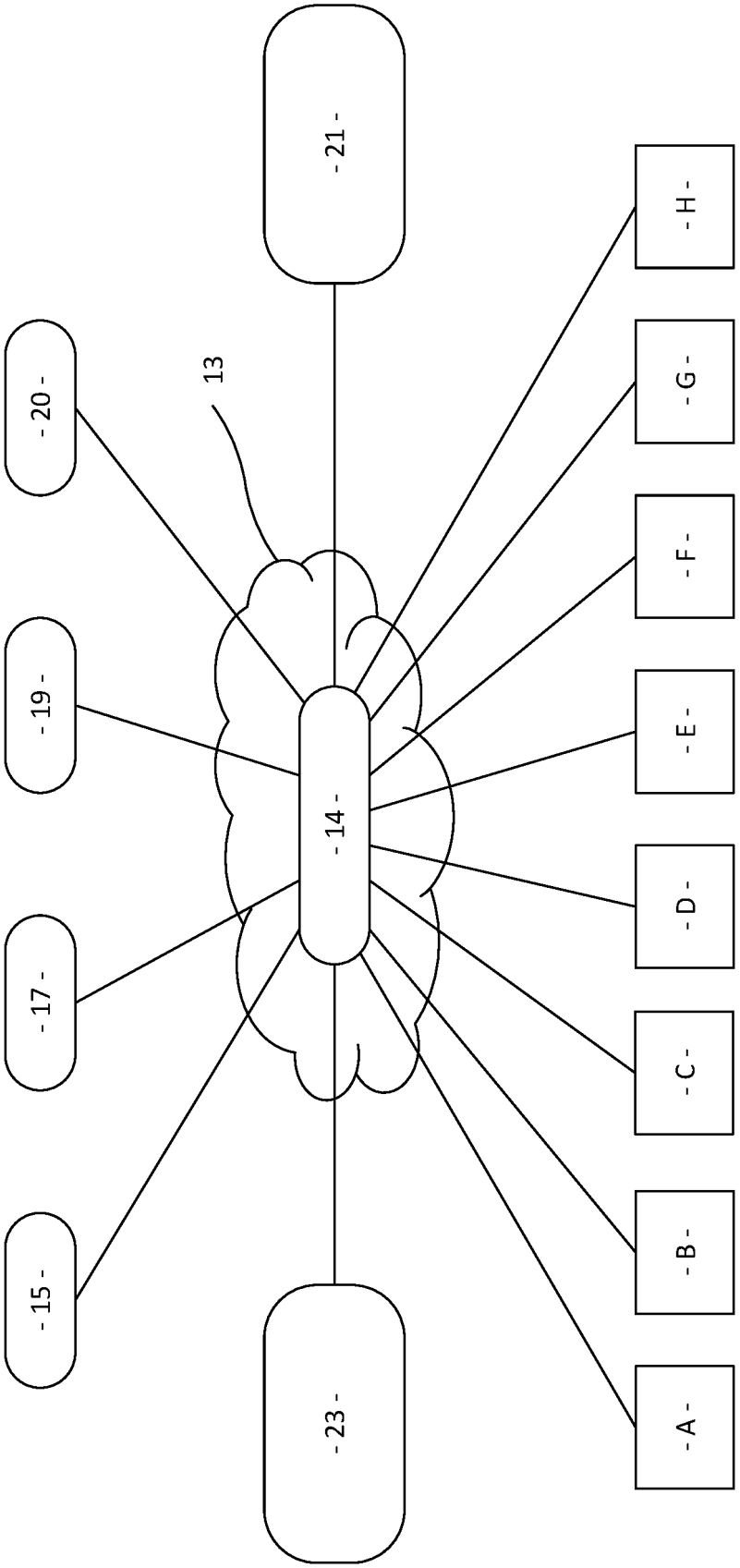


Fig. 1

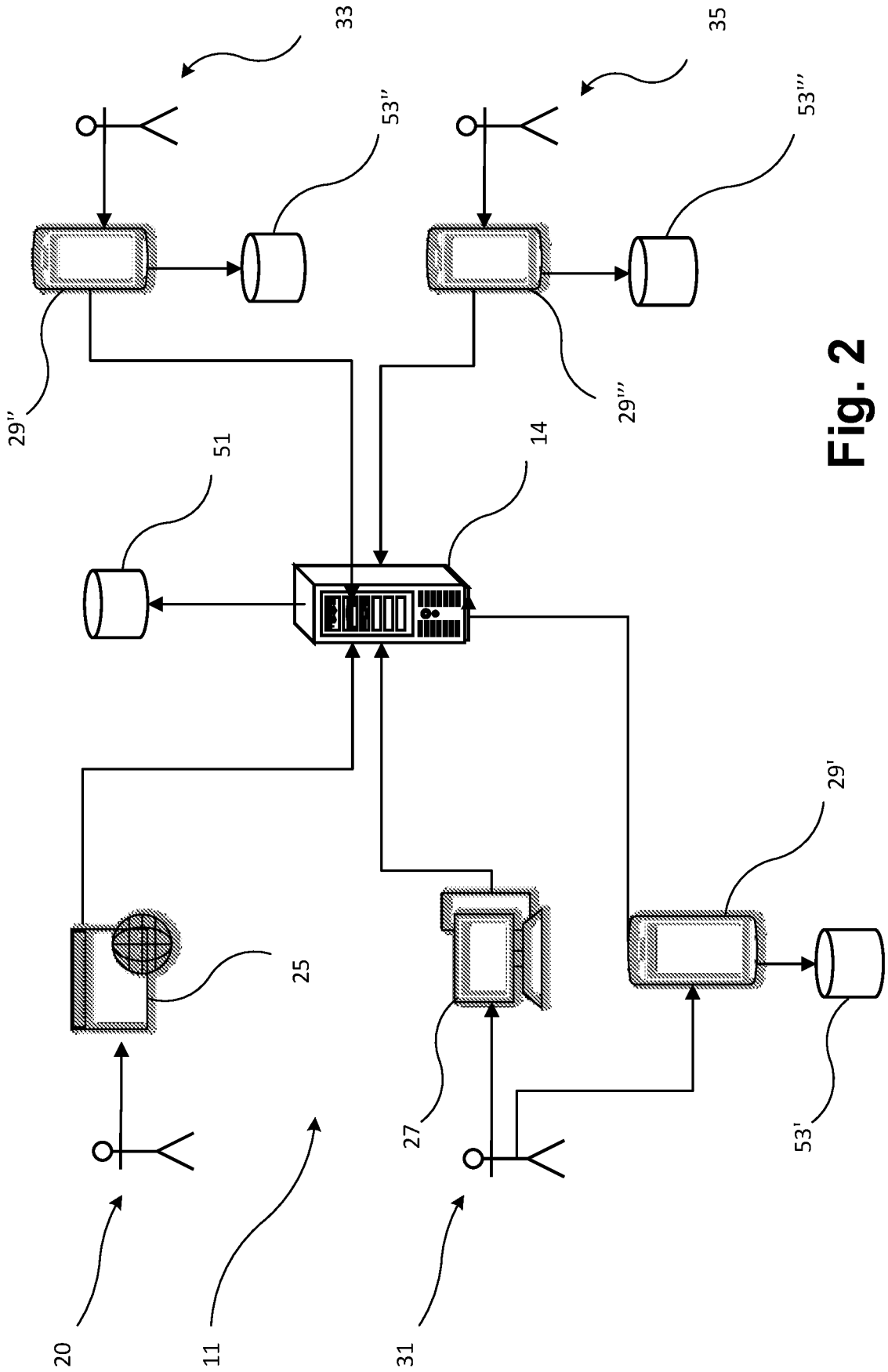


Fig. 2

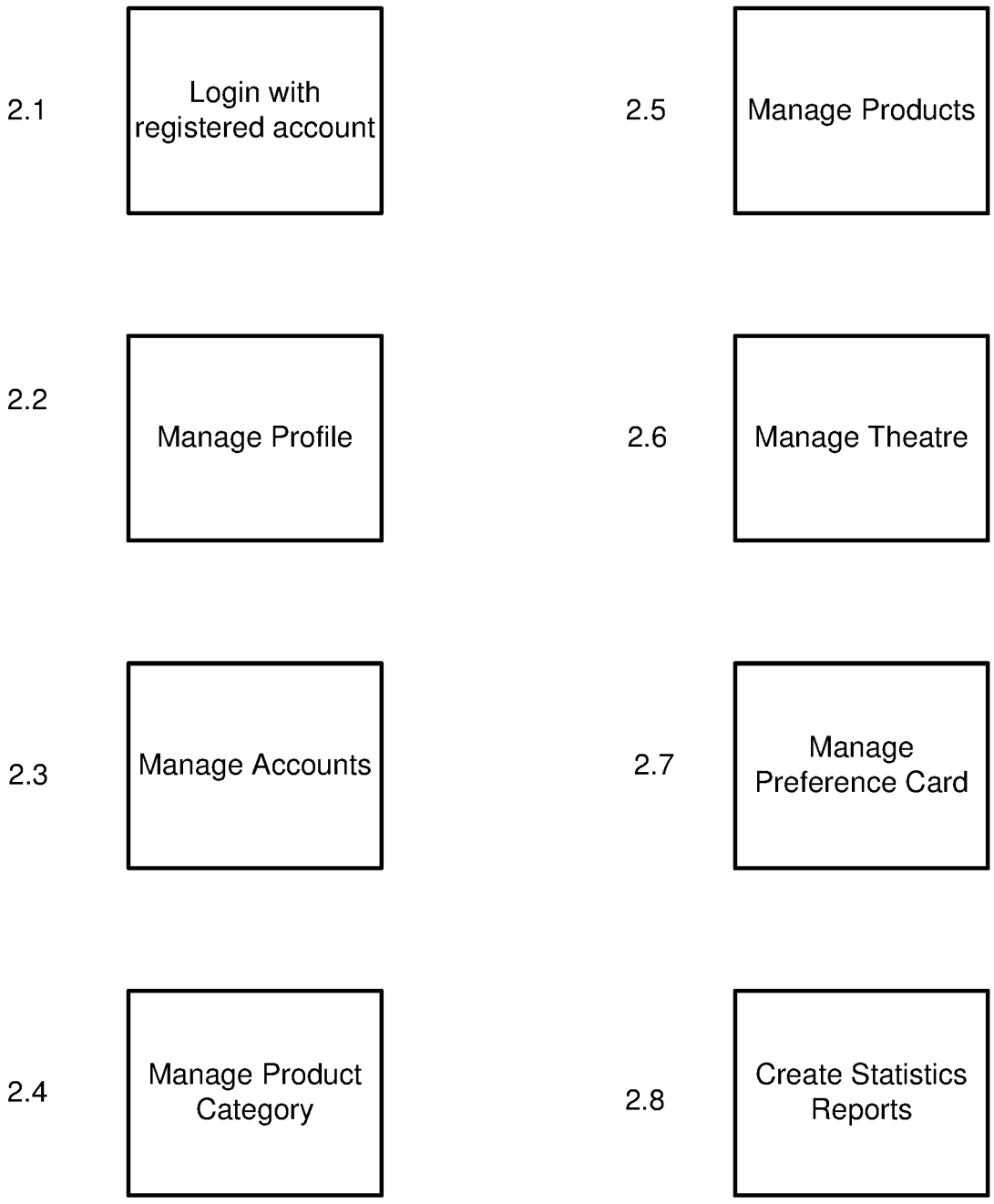

2.1
Login with registered account
2.5
Manage Products
2.2
Manage Profile
2.6
Manage Theatre
2.3
Manage Accounts
2.7
Manage Preference Card
2.4
Manage Product Category
2.8
Create Statistics Reports

Fig. 3

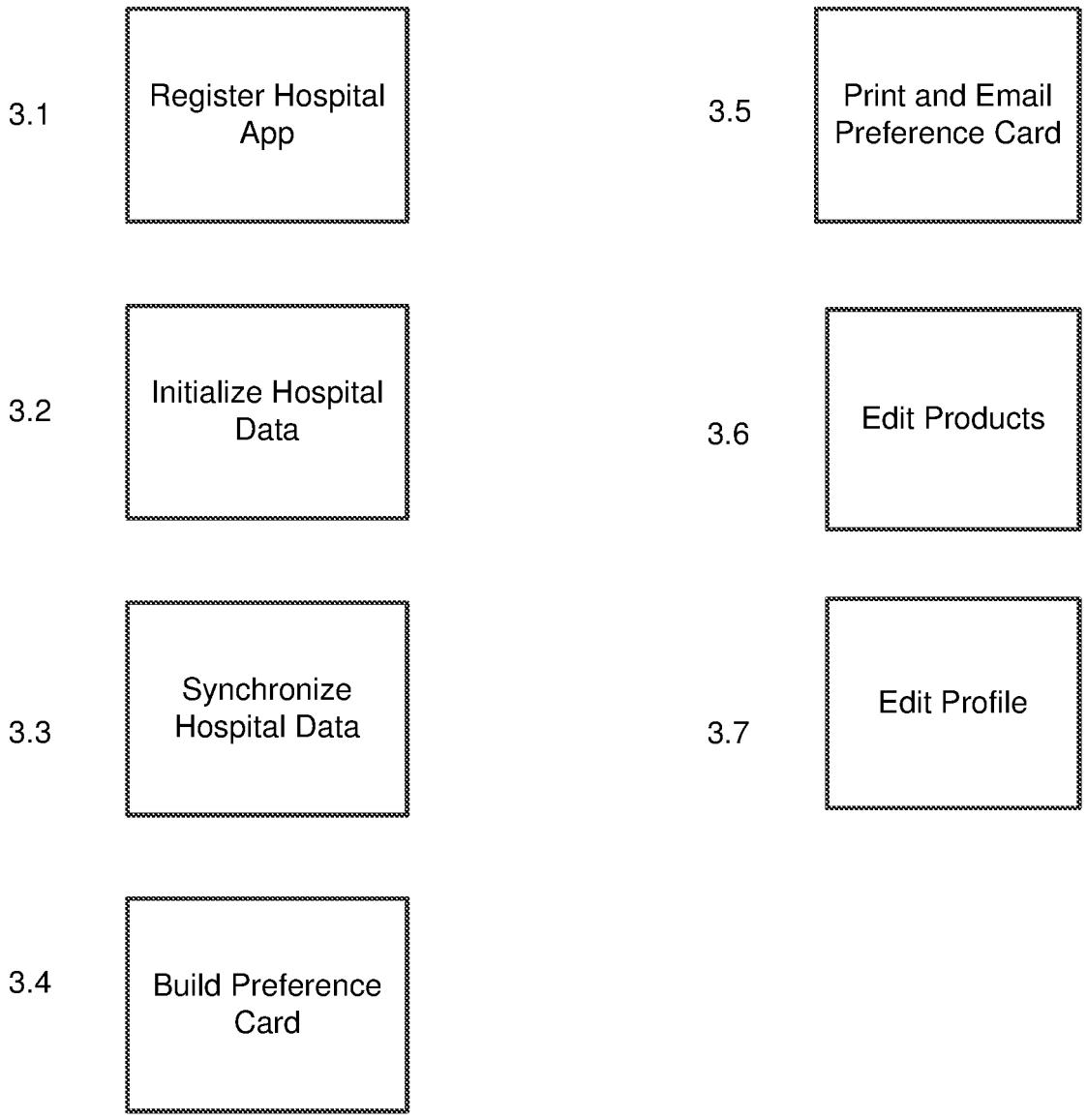

3.1
Register Hospital App
3.2
Initialize Hospital Data
3.3
Synchronize Hospital Data
3.4
Build Preference Card
3.5
Print and Email Preference Card
3.6
Edit Products
3.7
Edit Profile

Fig. 4

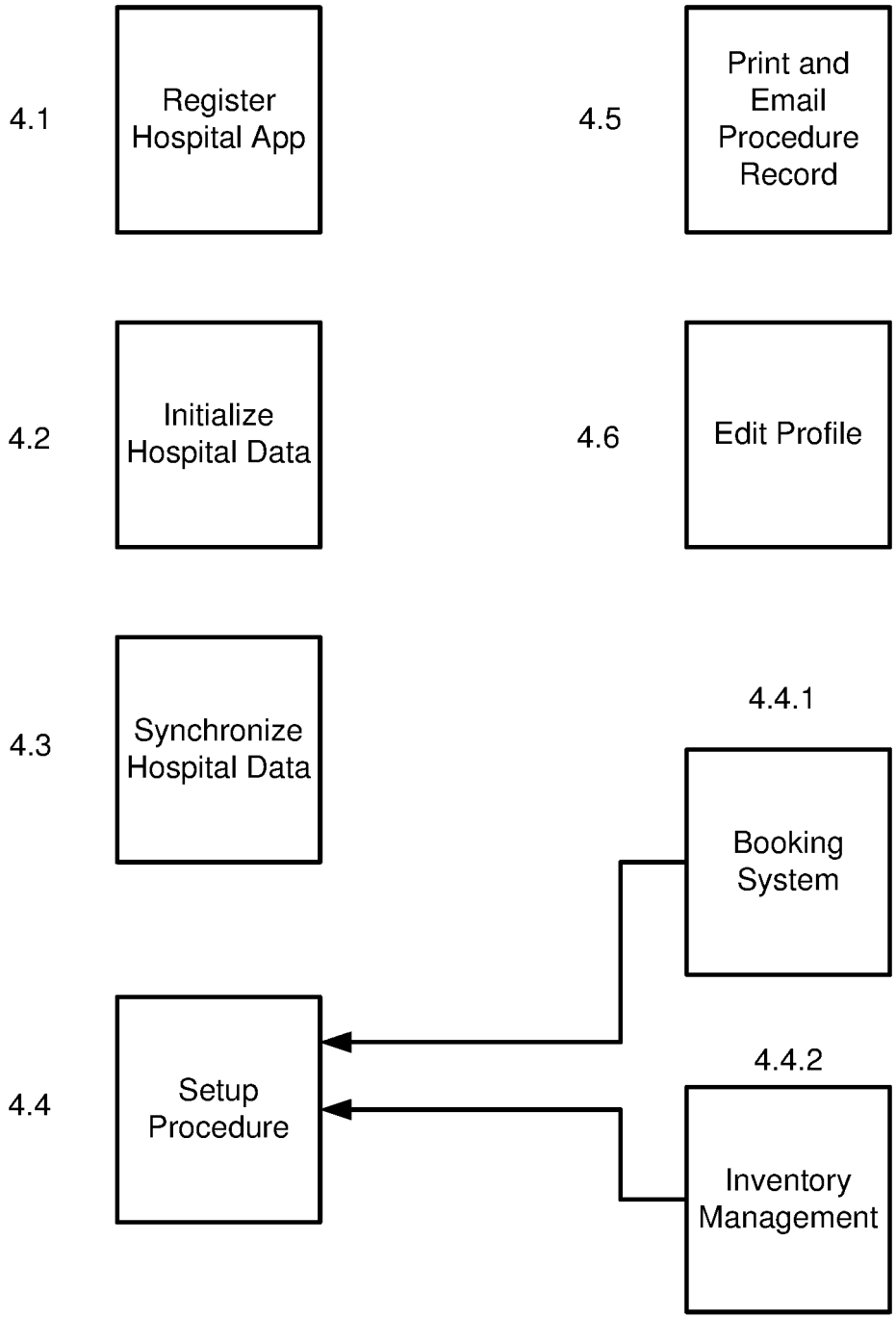

4.1
Register Hospital App
4.5
Print and Email Procedure Record
4.2
Initialize Hospital Data
4.6
Edit Profile
4.3
Synchronize Hospital Data
4.4.1
Booking System
4.4
Setup Procedure
4.4.2
Inventory Management

Fig. 5

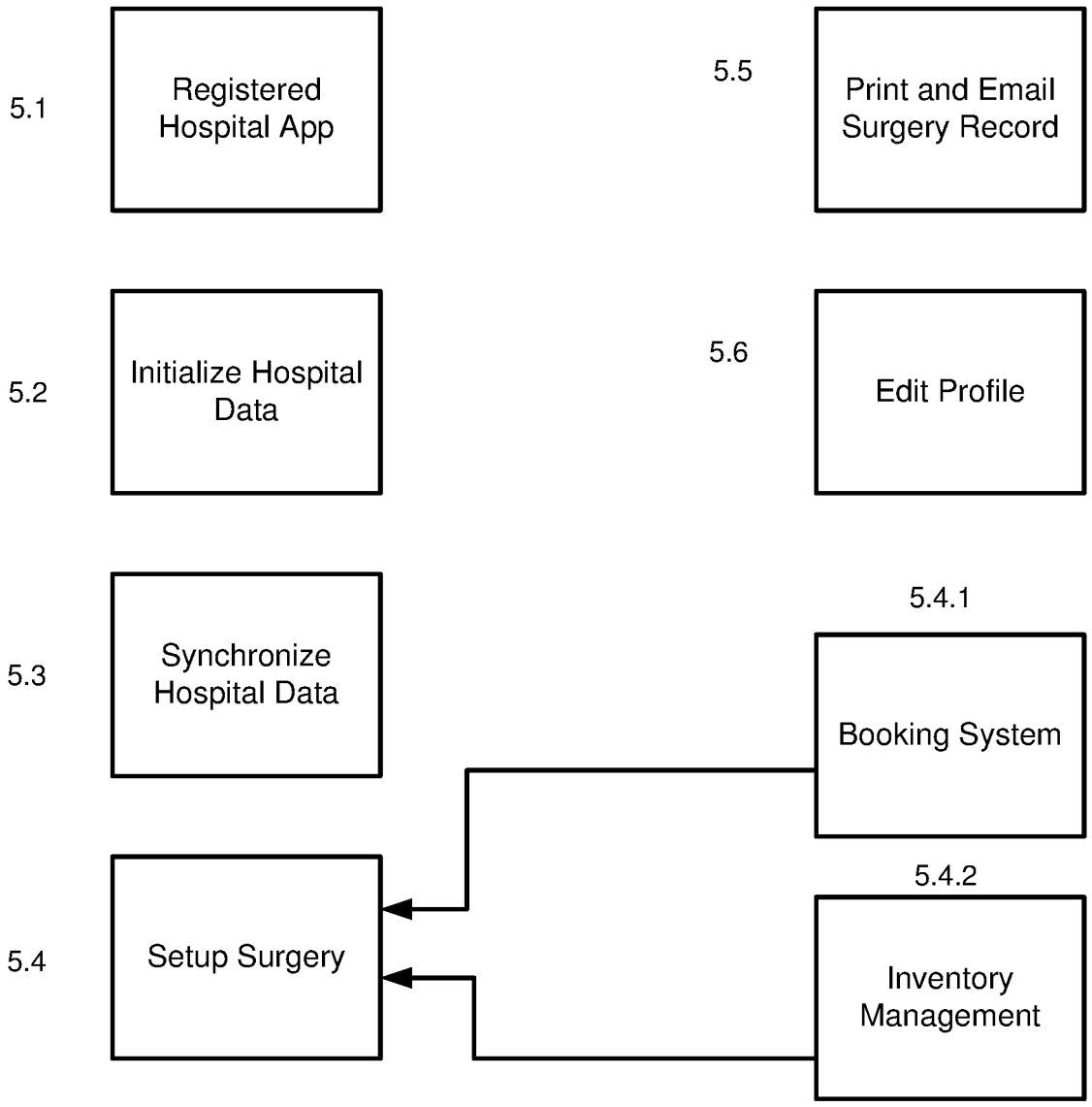

5.1
Registered Hospital App
5.2
Initialize Hospital Data
5.3
Synchronize Hospital Data
5.4
Setup Surgery
5.5
Print and Email Surgery Record
5.6
Edit Profile
5.4.1
Booking System
5.4.2
Inventory Management

Fig. 6

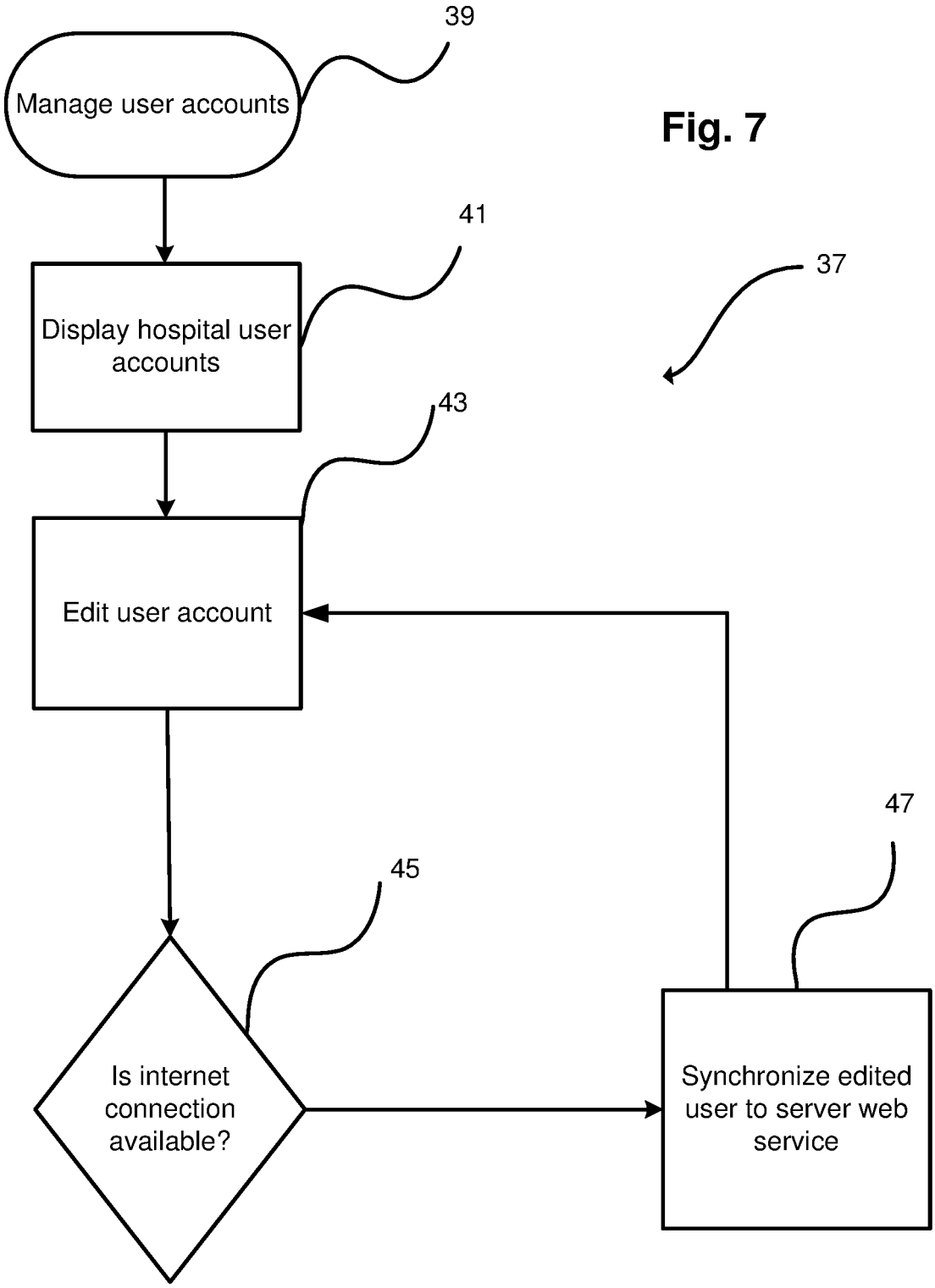

39
Manage user accounts
41
Display hospital user accounts
37
43
Edit user account
47
45
Is internet connection available?
Synchronize edited user to server web service

Fig. 7

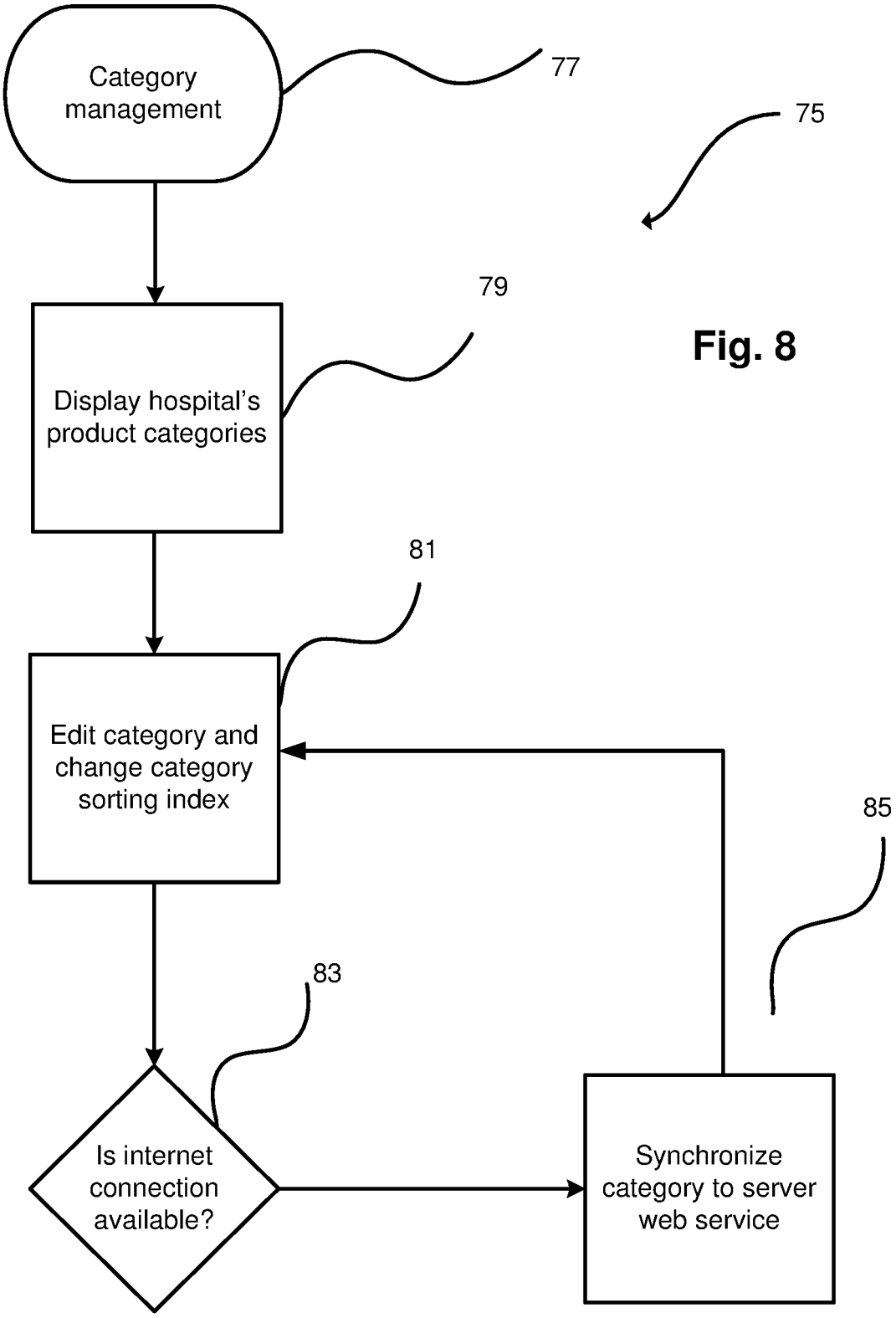

Category management
77
75
79
Display hospital's product categories
81
Edit category and change category sorting index
85
83
Is internet connection available?
Synchronize category to server web service

Fig. 8

Fig. 9

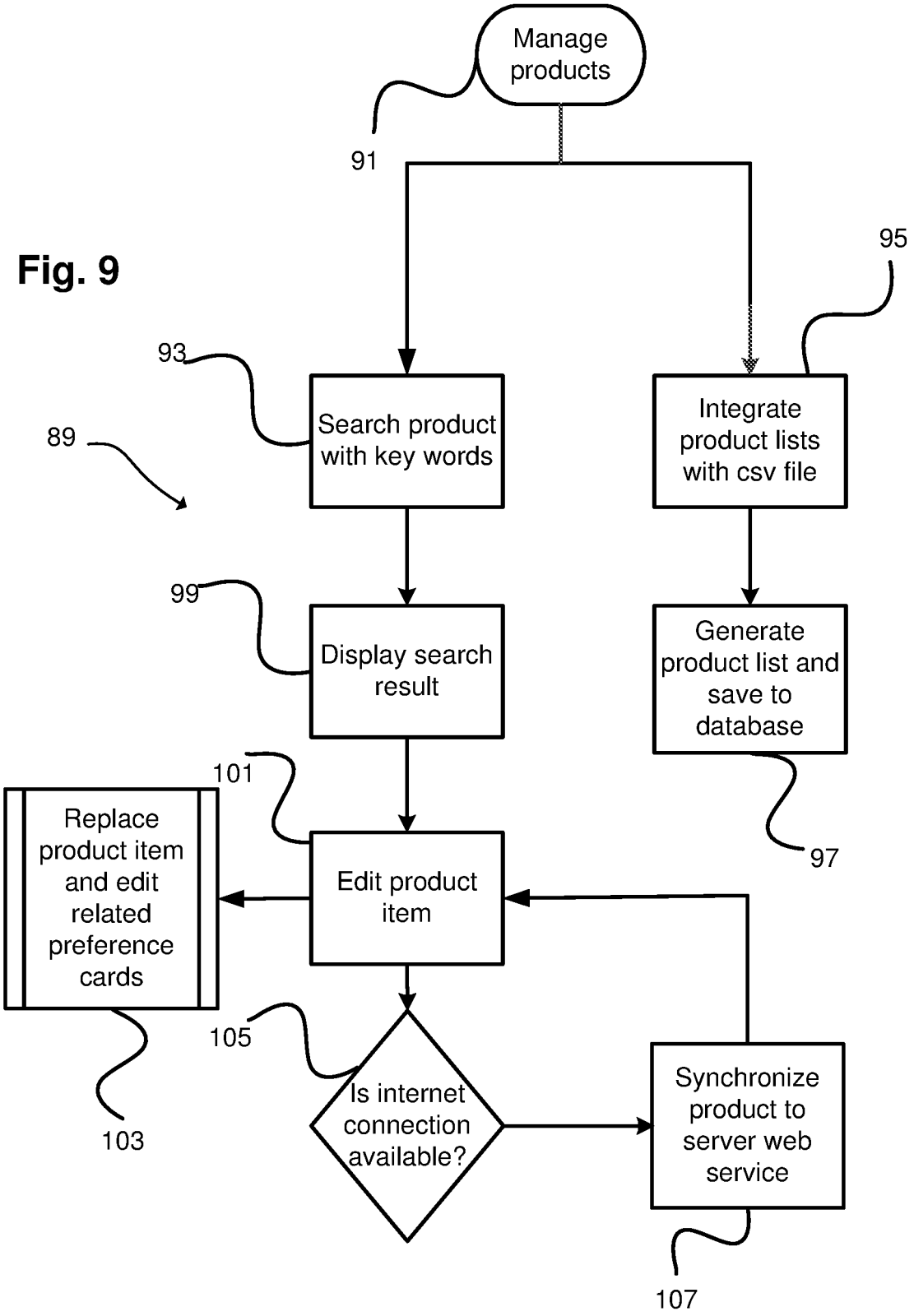
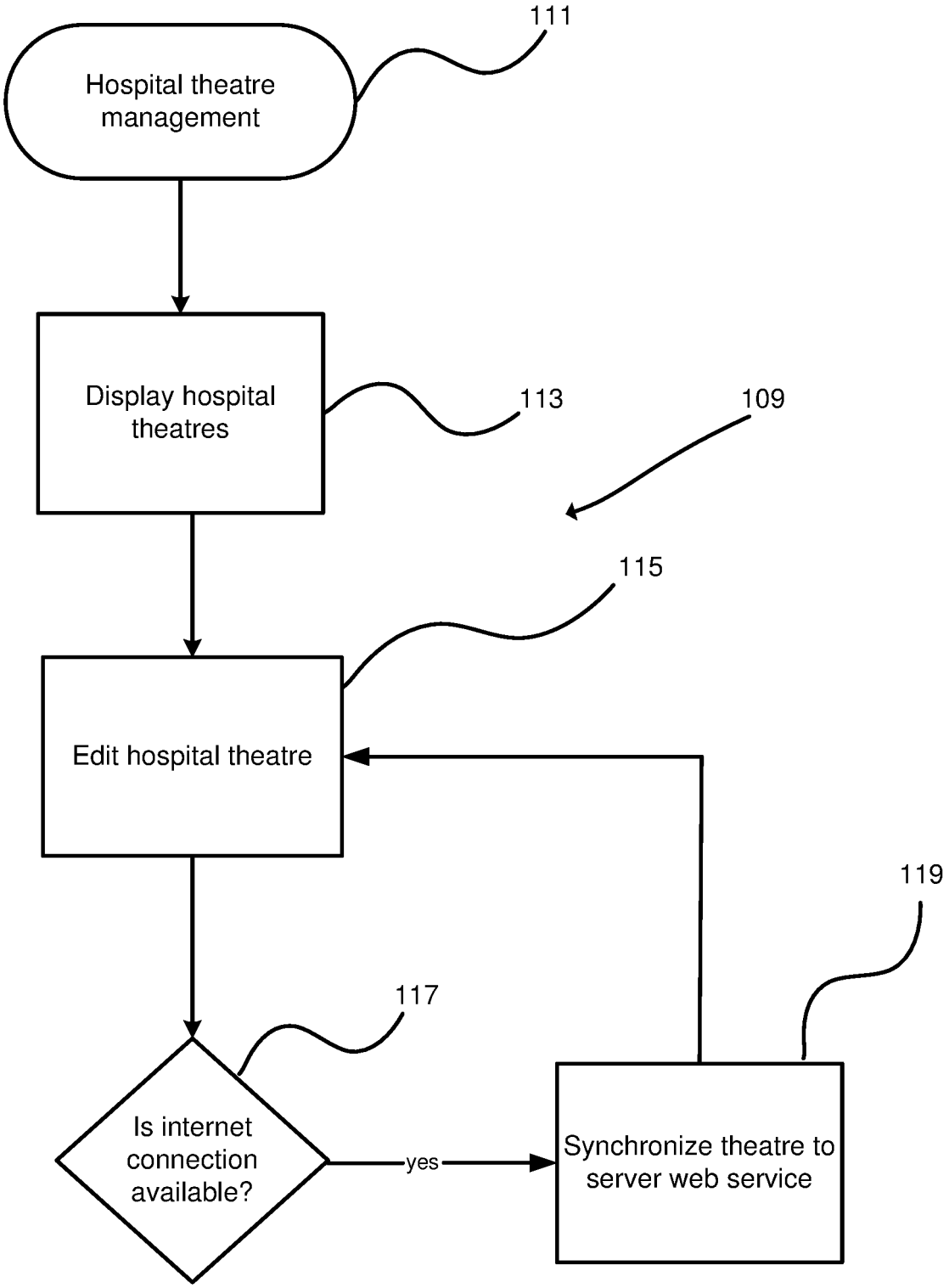

Manage products
91
95
93
89
Search product with key words
Integrate product lists with csv file
99
Display search result
Generate product list and save to database
97
101
Replace product item and edit related preference cards
Edit product item
105
Is internet connection available?
Synchronize product to server web service
103
107

Fig. 10


111
Hospital theatre management
Display hospital theatres
113
109
115
Edit hospital theatre
119
117
Is internet connection available?
yes
Synchronize theatre to server web service

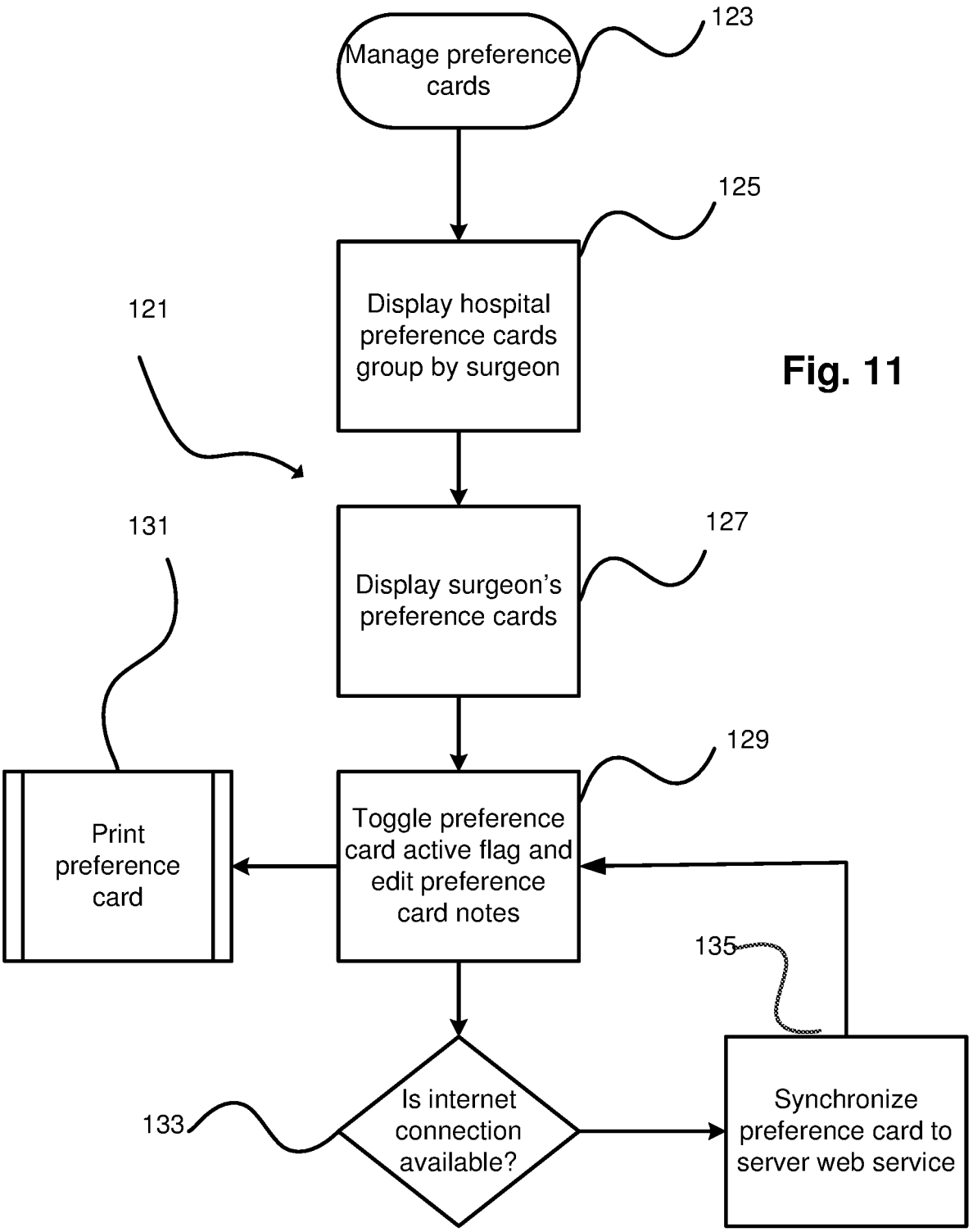

Manage preference cards
123
125
Display hospital preference cards group by surgeon
121
131
127
Display surgeon's preference cards
129
Print preference card
Toggle preference card active flag and edit preference card notes
135
133
Is internet connection available?
Synchronize preference card to server web service

Fig. 11

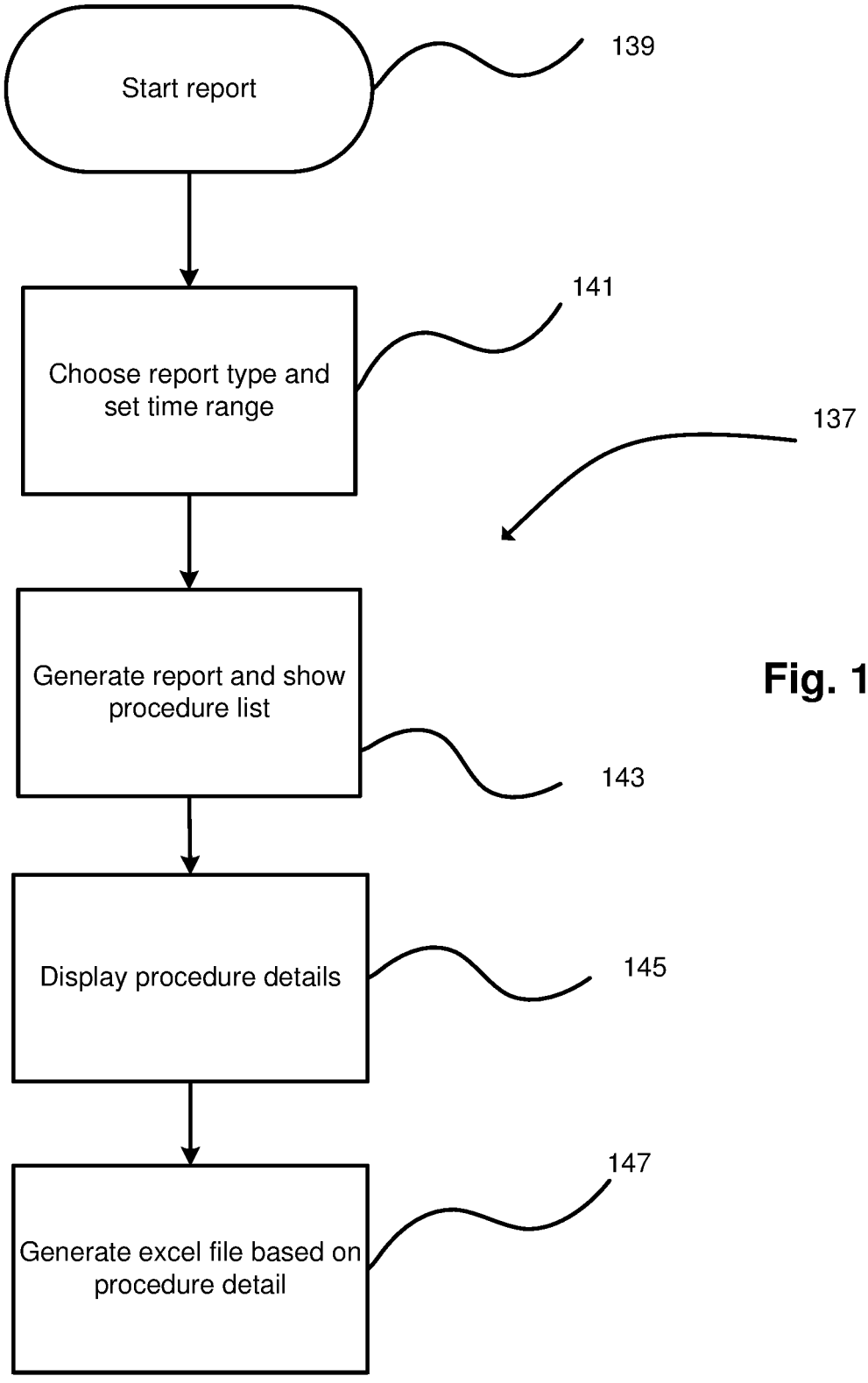

Start report
139
Choose report type and set time range
141
137
Generate report and show procedure list
143
Display procedure details
145
Generate excel file based on procedure detail
147

Fig. 12

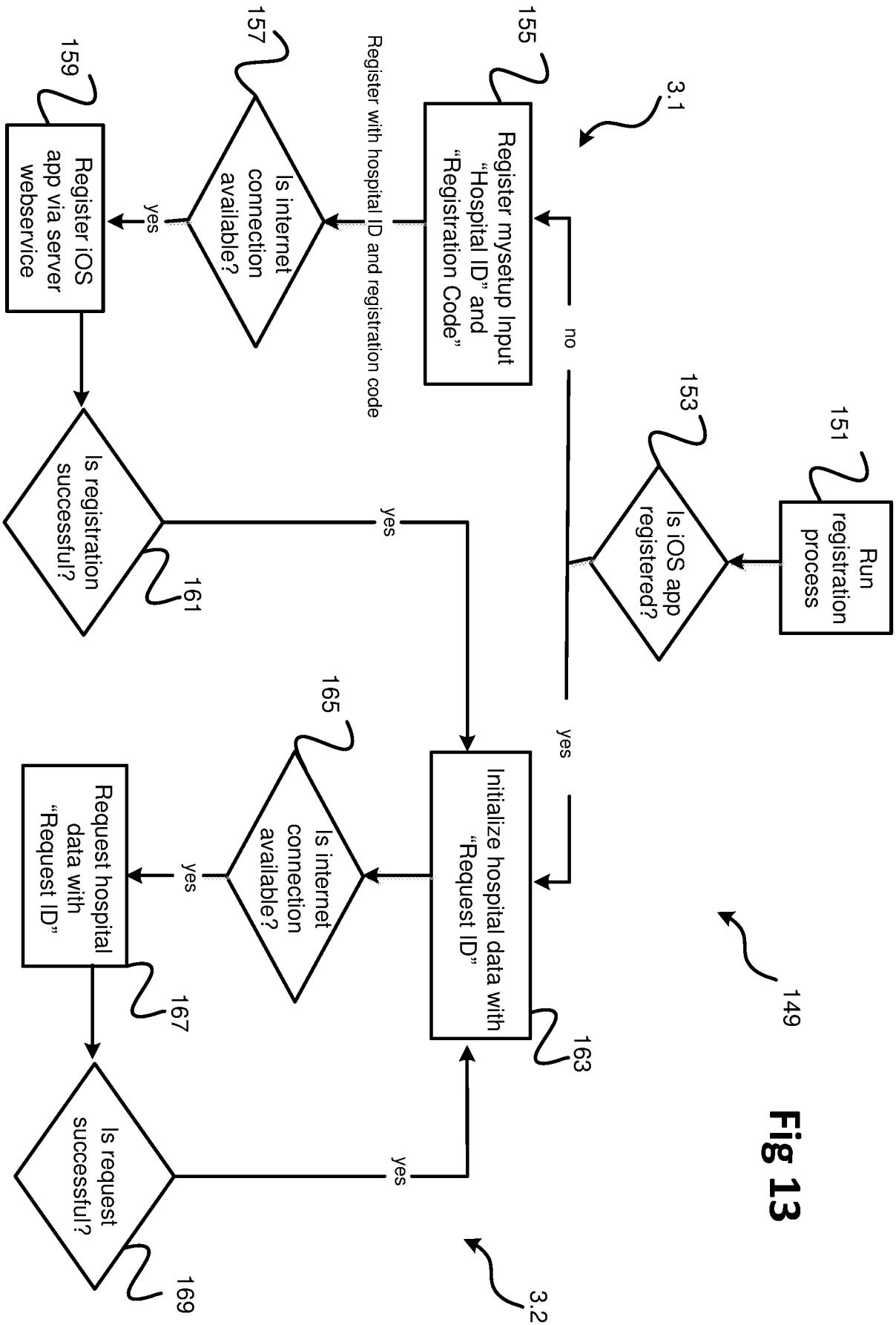

Run registration process
151
Is iOS app registered?
153
no
yes
Register mysetup Input "Hospital ID" and "Registration Code"
155
Register with hospital ID and registration code
Is internet connection available?
157
yes
Register iOS app via server webservice
159
Is registration successful?
161
yes
Initialize hospital data with "Request ID"
163
Is internet connection available?
165
yes
Request hospital data with "Request ID"
167
Is request successful?
169
yes
3.1
3.2
149

Fig 13

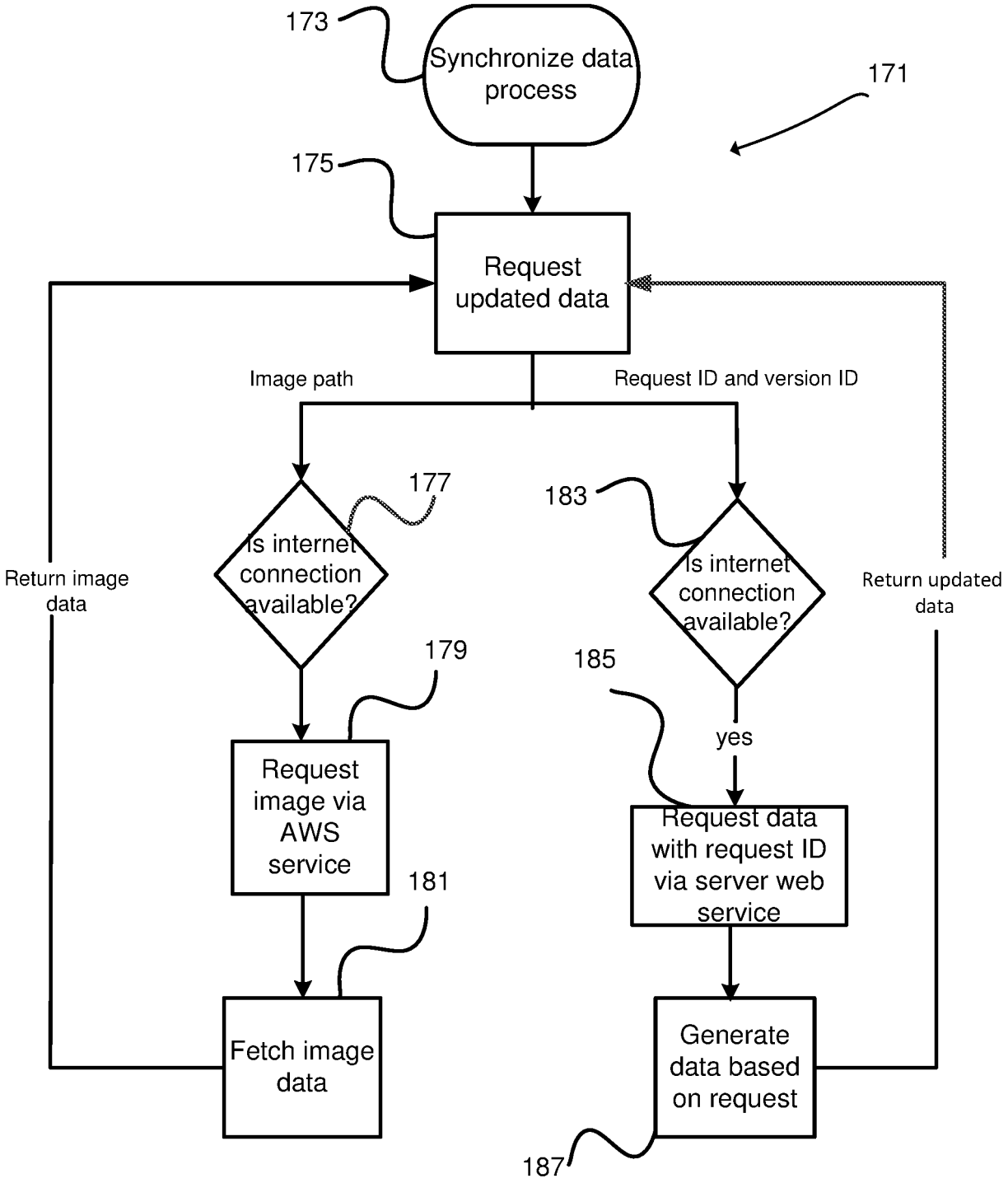

173
Synchronize data process
171
175
Request updated data
Image path
Request ID and version ID
177
183
Is internet connection available?
Is internet connection available?
Return image data
Return updated data
179
185
yes
Request image via AWS service
Request data with request ID via server web service
181
Fetch image data
Generate data based on request
187

Fig. 14

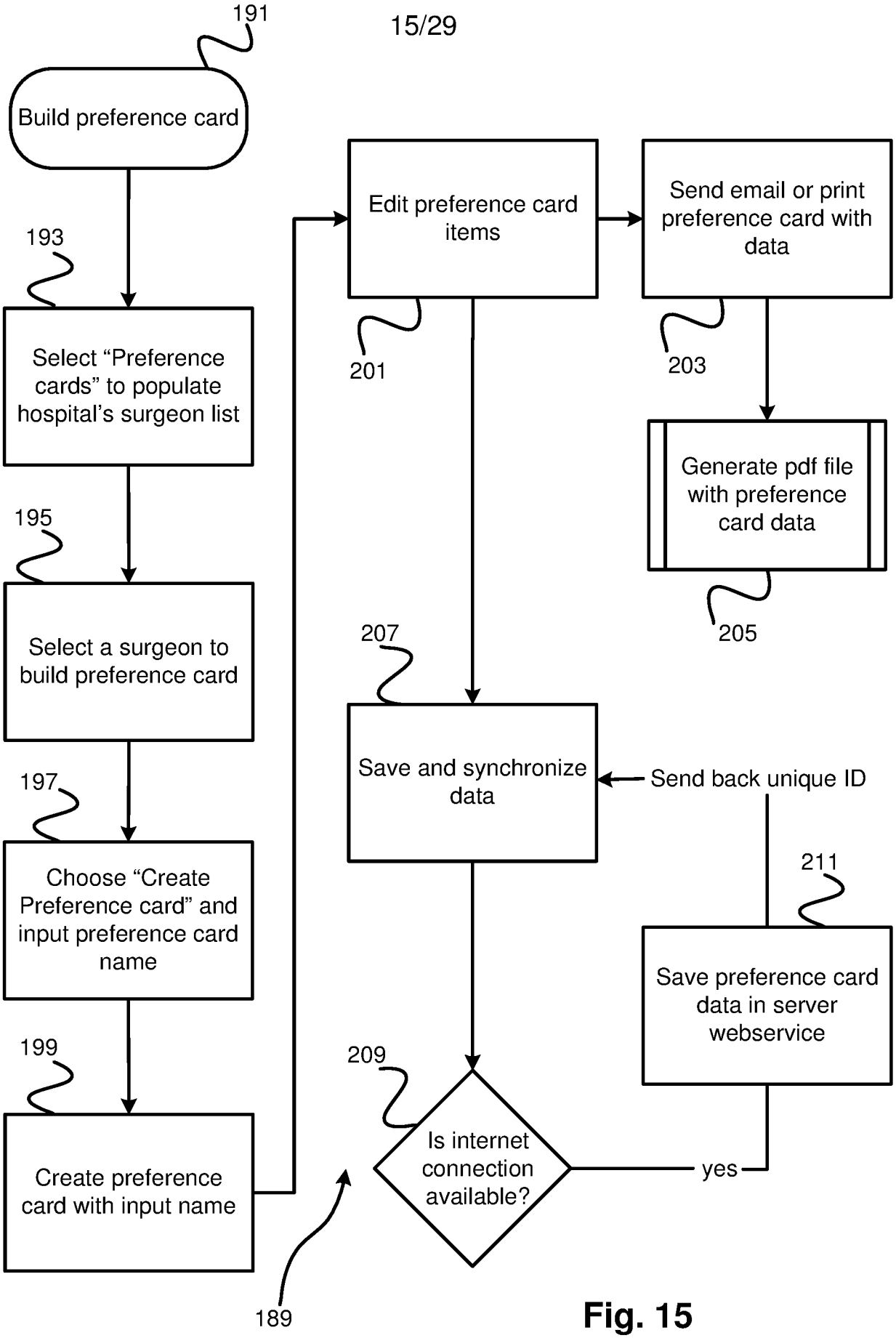

191
Build preference card
193
Select "Preference cards" to populate hospital's surgeon list
195
Select a surgeon to build preference card
197
Choose "Create Preference card" and input preference card name
199
Create preference card with input name
189
Edit preference card items
201
Send email or print preference card with data
203
Generate pdf file with preference card data
205
207
Save and synchronize data
Send back unique ID
211
Save preference card data in server webservice
209
Is internet connection available?
yes

Fig. 15

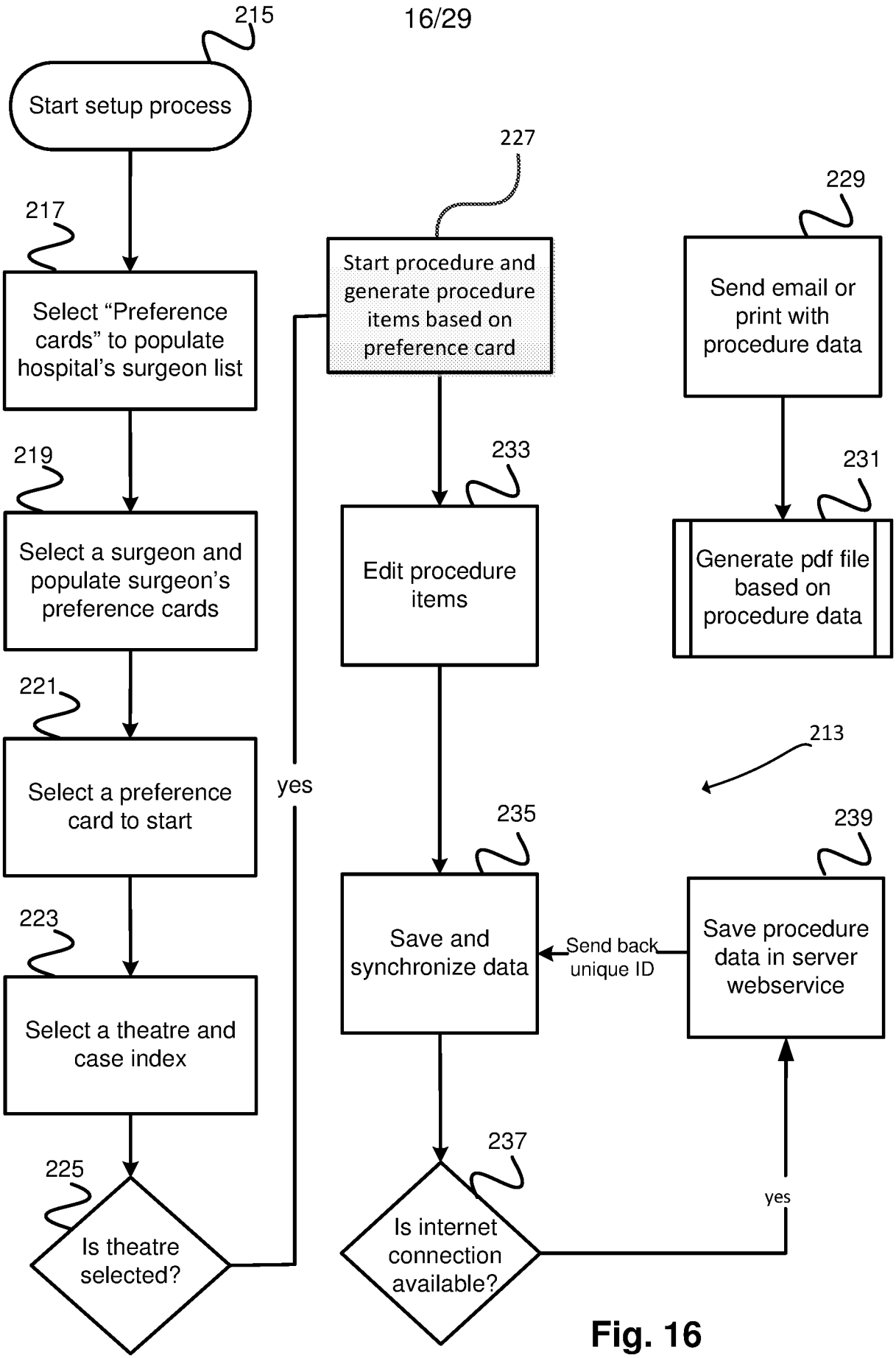

215
Start setup process
217
Select "Preference cards" to populate hospital's surgeon list
219
Select a surgeon and populate surgeon's preference cards
221
Select a preference card to start
223
Select a theatre and case index
225
Is theatre selected?
yes
227
Start procedure and generate procedure items based on preference card
233
Edit procedure items
235
Save and synchronize data
Send back unique ID
237
Is internet connection available?
yes
229
Send email or print with procedure data
231
Generate pdf file based on procedure data
213
239
Save procedure data in server webservice

Fig. 16

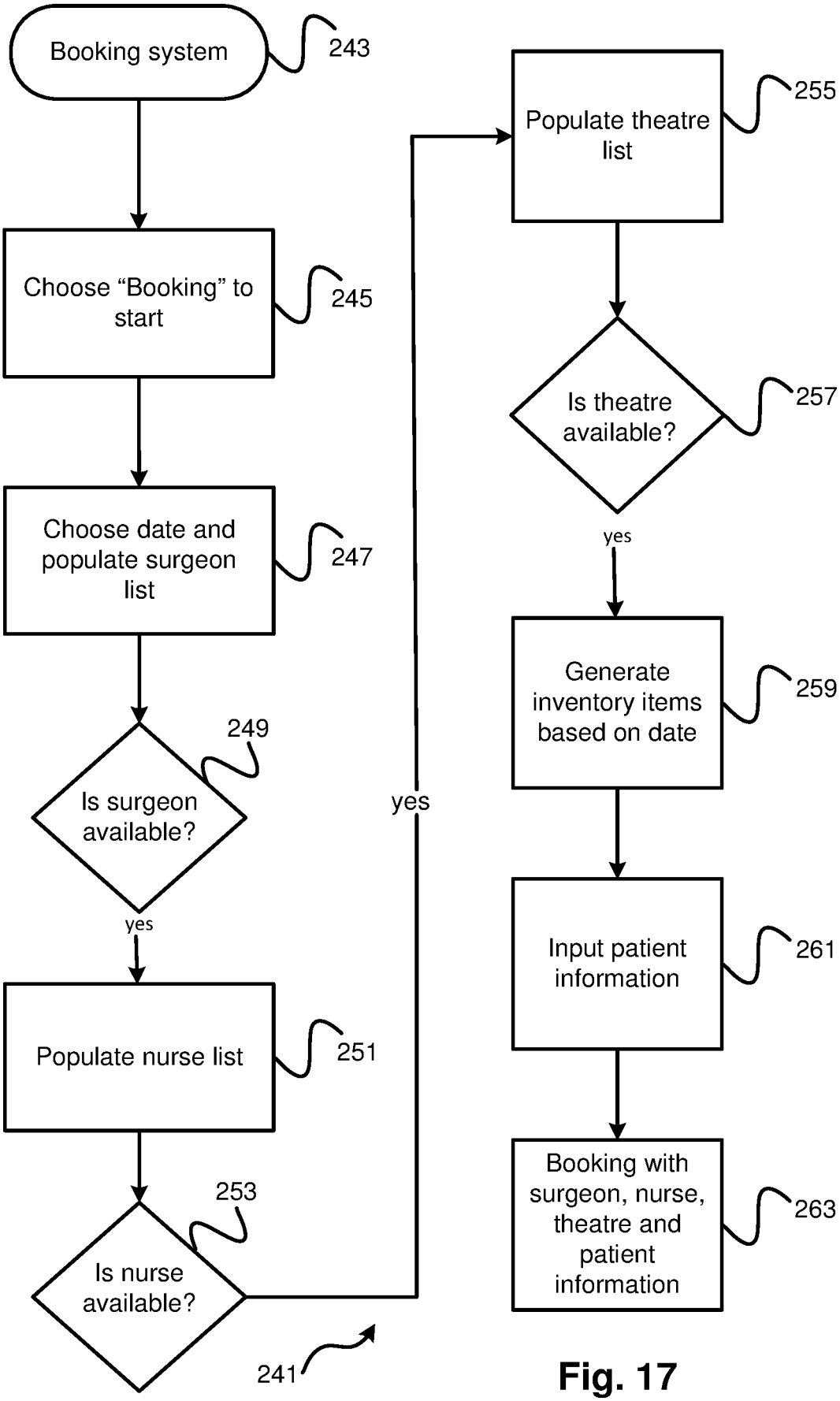

Booking system
243
Choose "Booking" to start
245
Choose date and populate surgeon list
247
249
Is surgeon available?
yes
Populate nurse list
251
253
Is nurse available?
yes
241
Populate theatre list
255
Is theatre available?
257
yes
Generate inventory items based on date
259
Input patient information
261
Booking with surgeon, nurse, theatre and patient information
263

Fig. 17

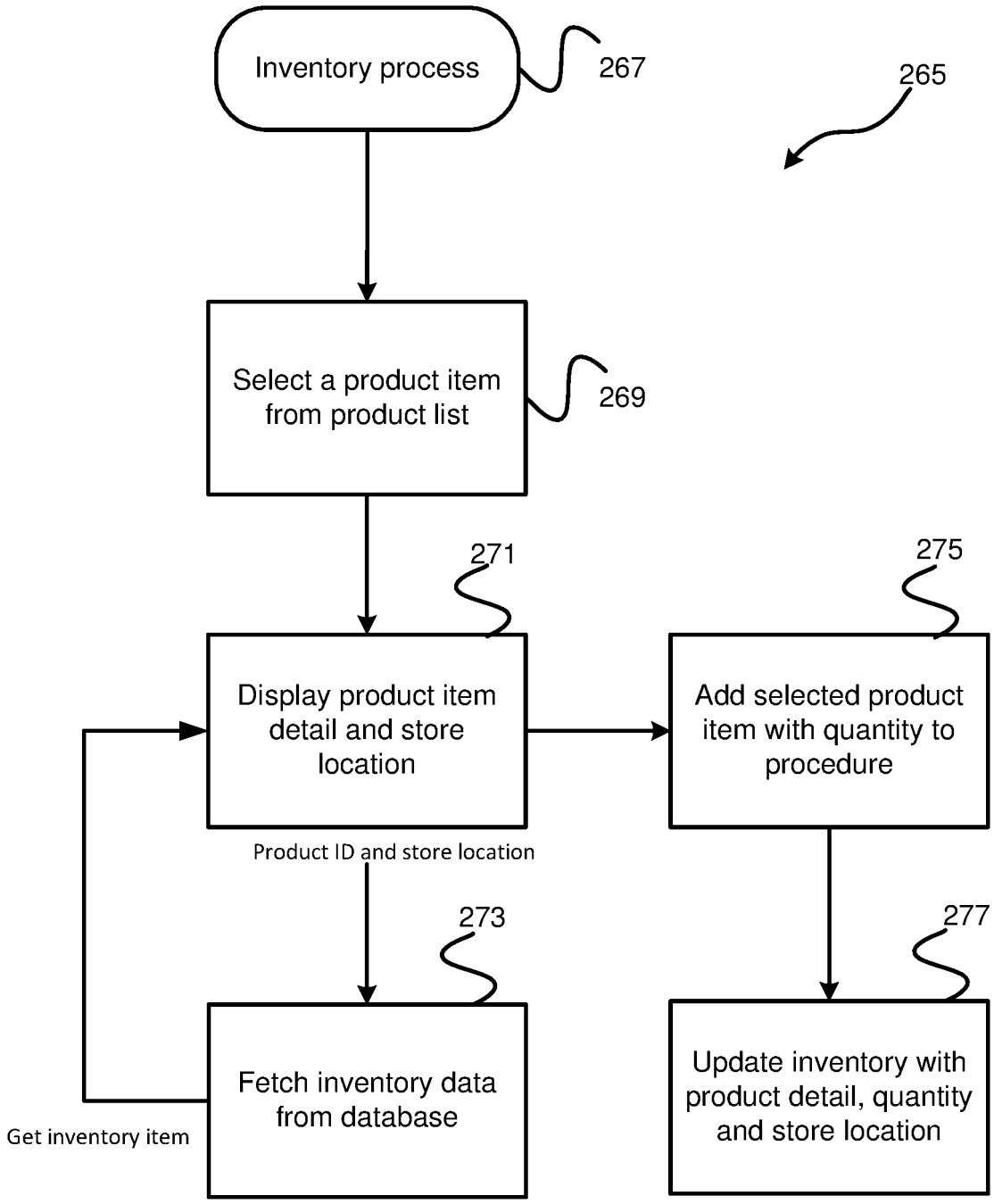

Inventory process
267
265
Select a product item from product list
269
271
275
Display product item detail and store location
Add selected product item with quantity to procedure
Product ID and store location
273
277
Fetch inventory data from database
Update inventory with product detail, quantity and store location
Get inventory item

Fig. 18

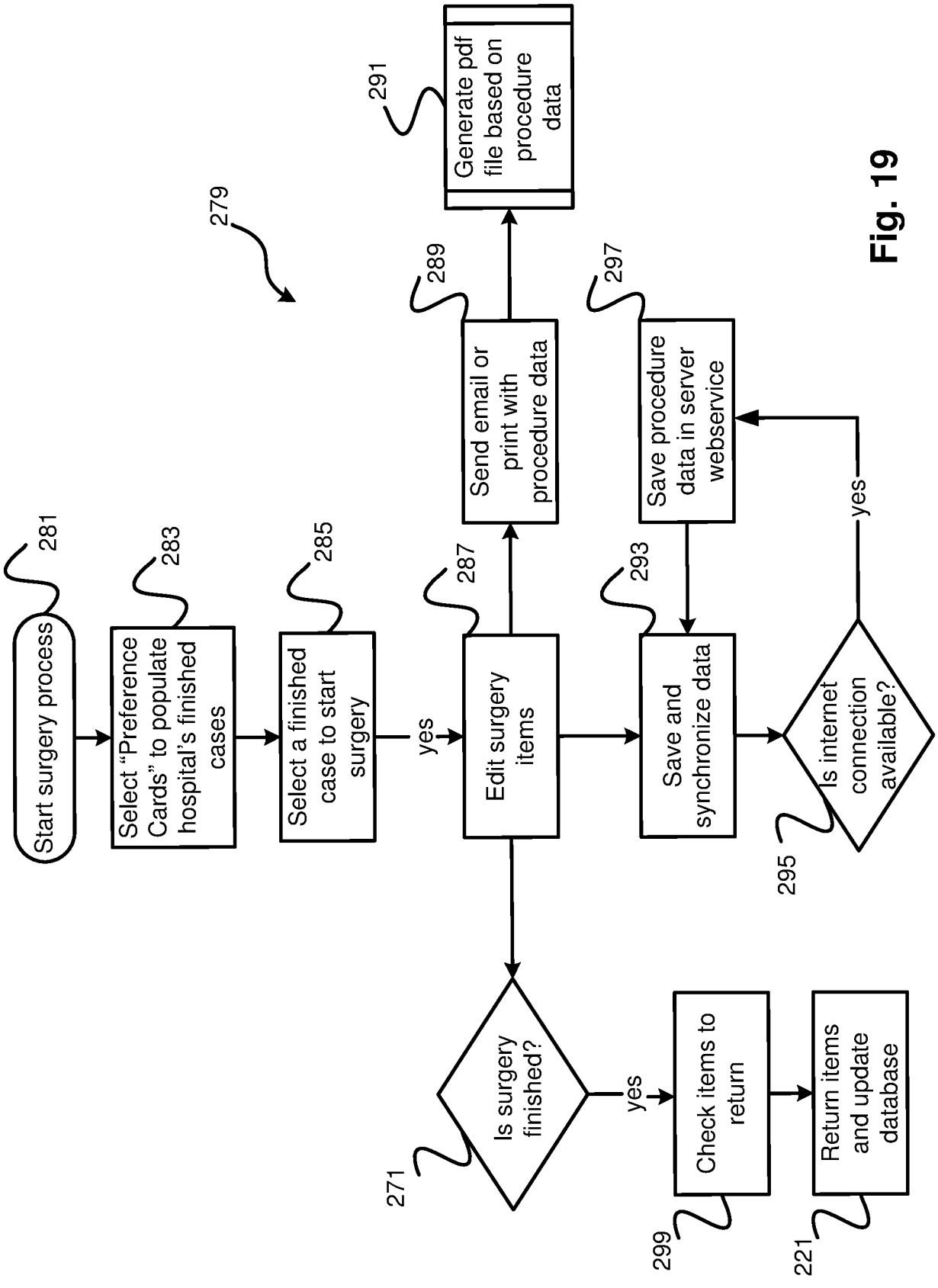

Start surgery process
281
Select "Preference Cards" to populate hospital's finished cases
283
Select a finished case to start surgery
285
279
yes
Edit surgery items
287
Send email or print with procedure data
289
Generate pdf file based on procedure data
291
Save and synchronize data
293
Save procedure data in server webservice
297
Is internet connection available?
295
yes
Is surgery finished?
271
yes
Check items to return
299
Return items and update database
221

Fig. 19

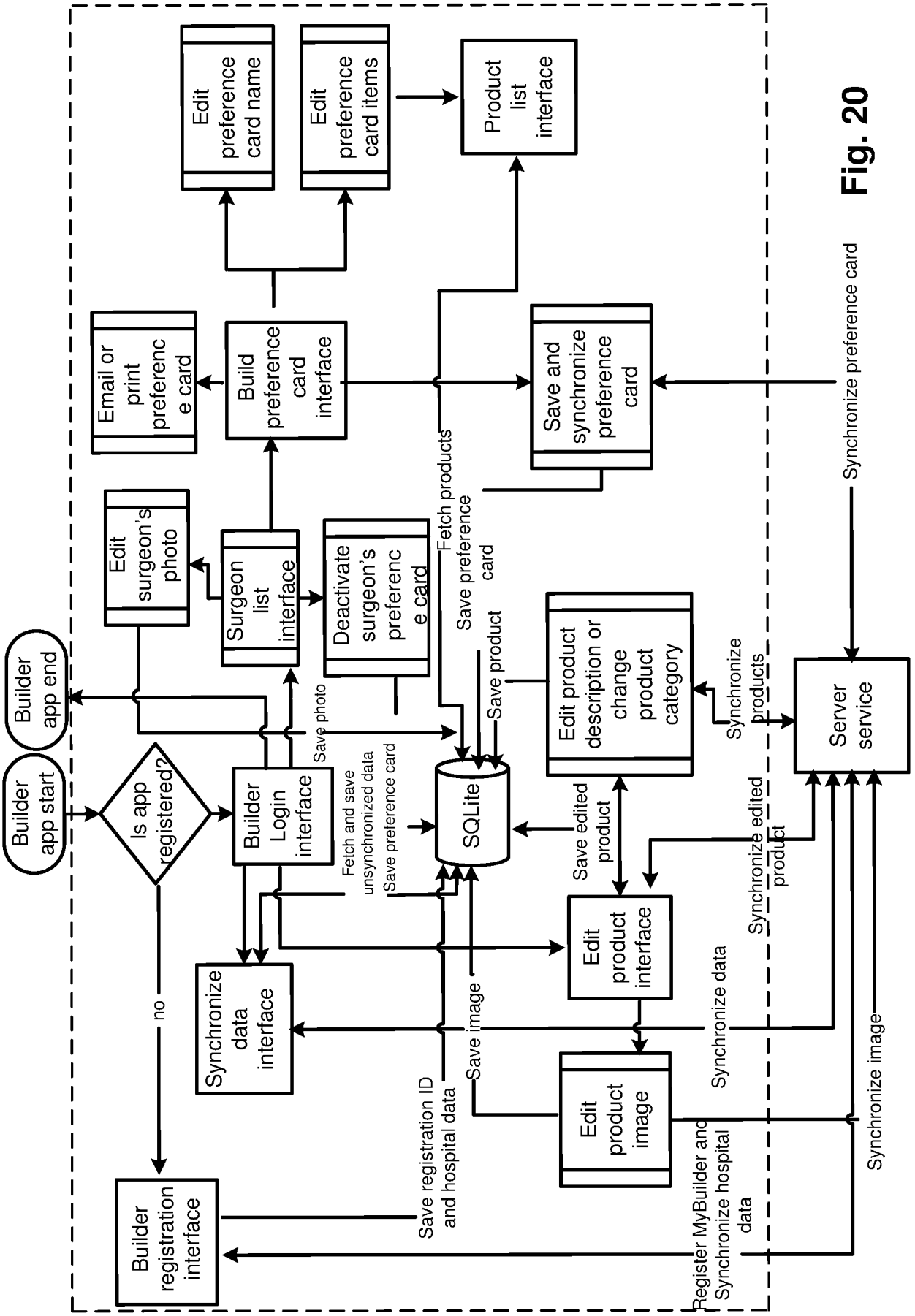

Builder app start
Builder app end
Is app registered?
Builder Login interface
Builder registration interface
Surgeon list interface
Edit surgeon's photo
Deactivate surgeon's preferenc e card
Build preference card interface
Email or print preferenc e card
Edit preference card name
Edit preference card items
Product list interface
Save and synchronize preference card
Edit product description or change product category
Edit product interface
Edit product image
Synchronize data interface
SQLite
Server service
no
Save photo
Fetch and save unsynchronized data
Save preference card
Fetch products
Save preference card
Save product
Save edited product
Synchronize products
Synchronize edited product
Synchronize data
Save image
Save registration ID and hospital data
Register MyBuilder and Synchronize hospital data
Synchronize image
Synchronize preference card

Fig. 20

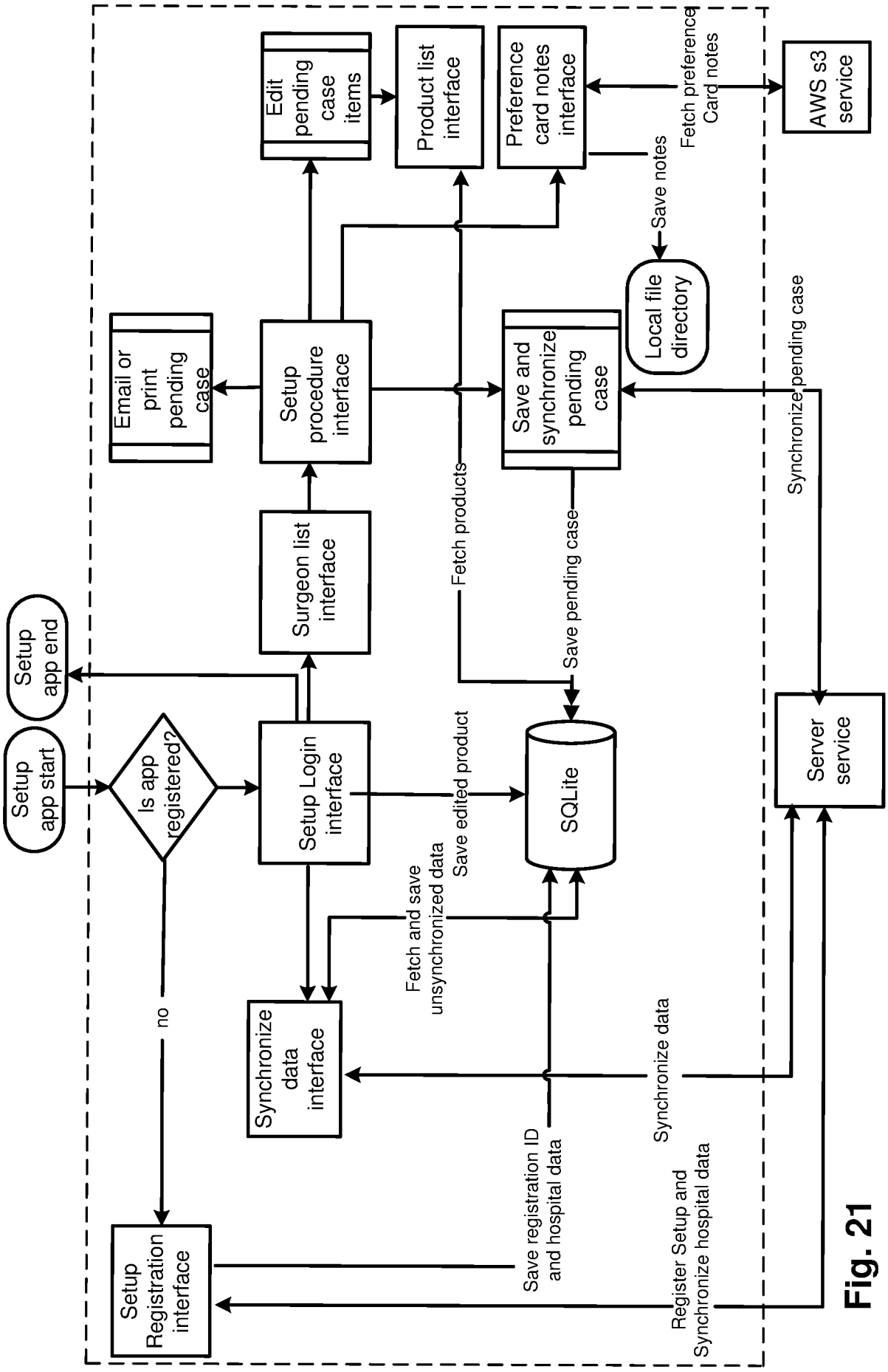

Setup app start
Setup app end
Is app registered?
no
Setup Registration interface
Setup Login interface
Surgeon list interface
Setup procedure interface
Edit pending case items
Product list interface
Preference card notes interface
Email or print pending case
Save and synchronize pending case
Local file directory
AWS s3 service
Server service
SQLite
Synchronize data interface
Fetch products
Save pending case
Save notes
Fetch preference Card notes
Synchronize pending case
Save edited product
Fetch and save unsynchronized data
Save registration ID and hospital data
Synchronize data
Register Setup and Synchronize hospital data

Fig. 21

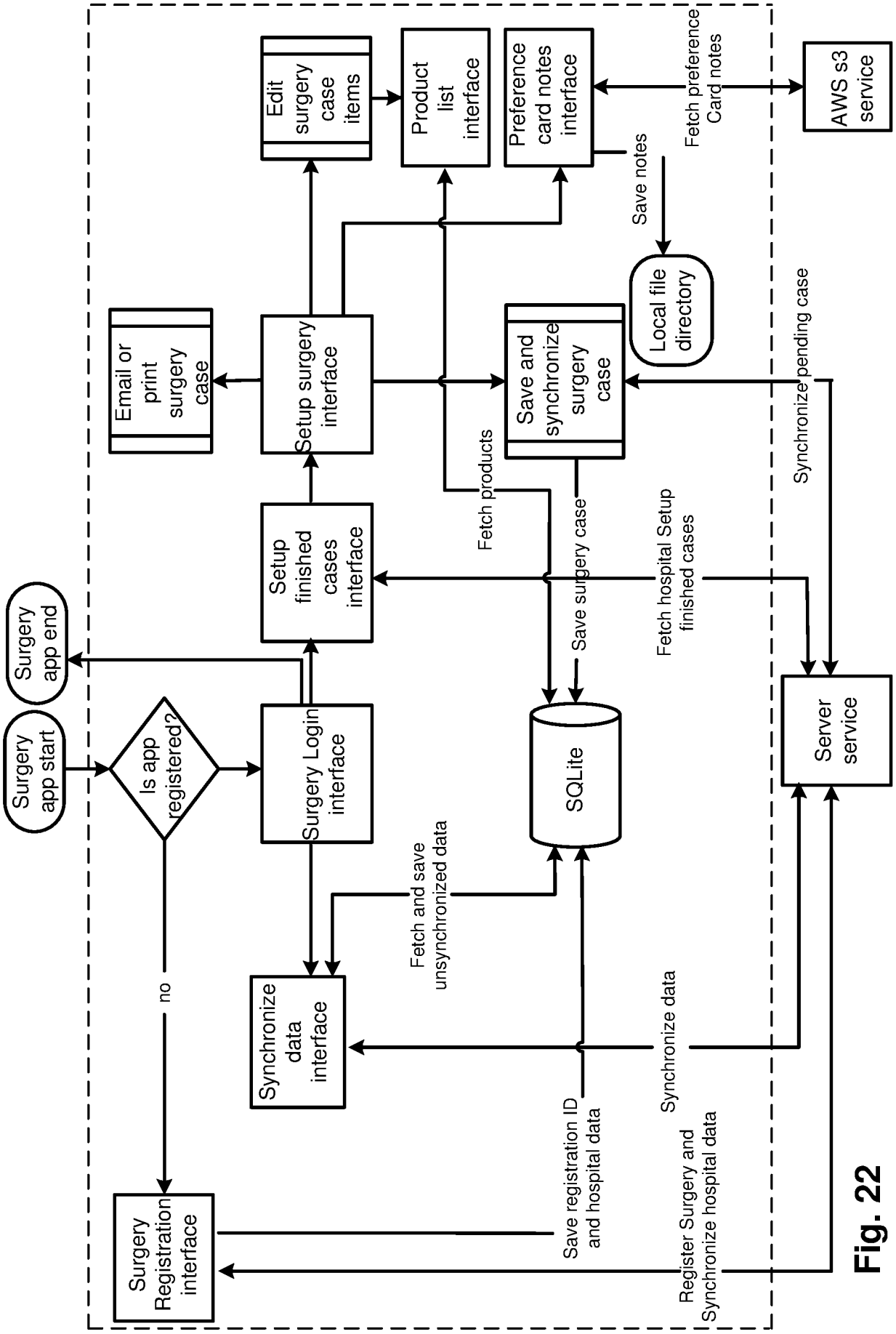

Surgery app start
Surgery app end
Is app registered?
Surgery Login interface
Setup finished cases interface
Setup surgery interface
Edit surgery case items
Product list interface
Preference card notes interface
Email or print surgery case
Save and synchronize surgery case
Local file directory
AWS s3 service
Server service
SQLite
Synchronize data interface
Surgery Registration interface
no
Fetch products
Save surgery case
Fetch hospital Setup finished cases
Synchronize pending case
Save notes
Fetch preference Card notes
Fetch and save unsynchronized data
Synchronize data
Save registration ID and hospital data
Register Surgery and Synchronize hospital data

Fig. 22

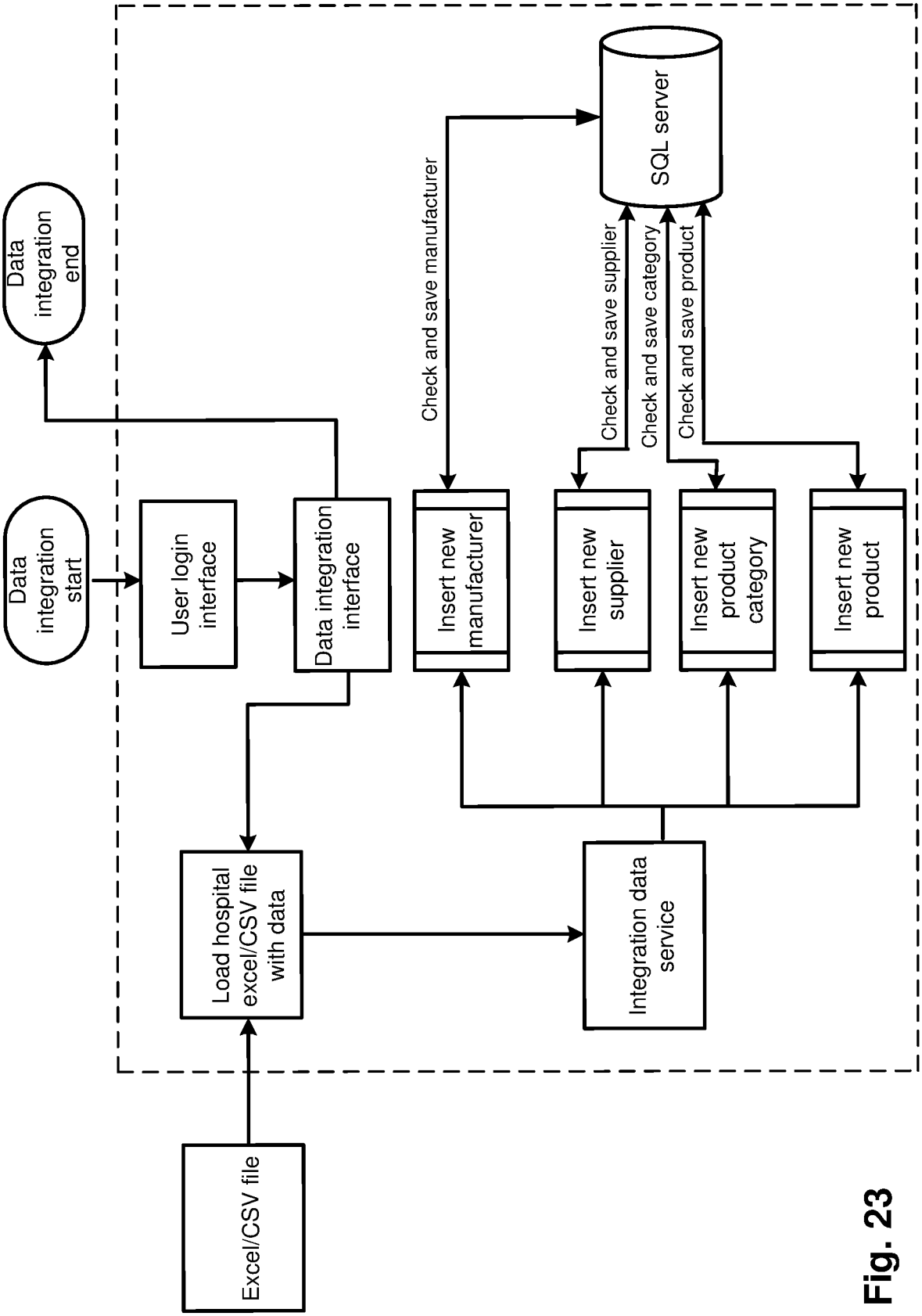

Data integration start
User login interface
Data integration interface
Data integration end
Check and save manufacturer
Check and save supplier
Check and save category
Check and save product
SQL server
Insert new manufacturer
Insert new supplier
Insert new product category
Insert new product
Load hospital excel/CSV file with data
Integration data service
Excel/CSV file

Fig. 23

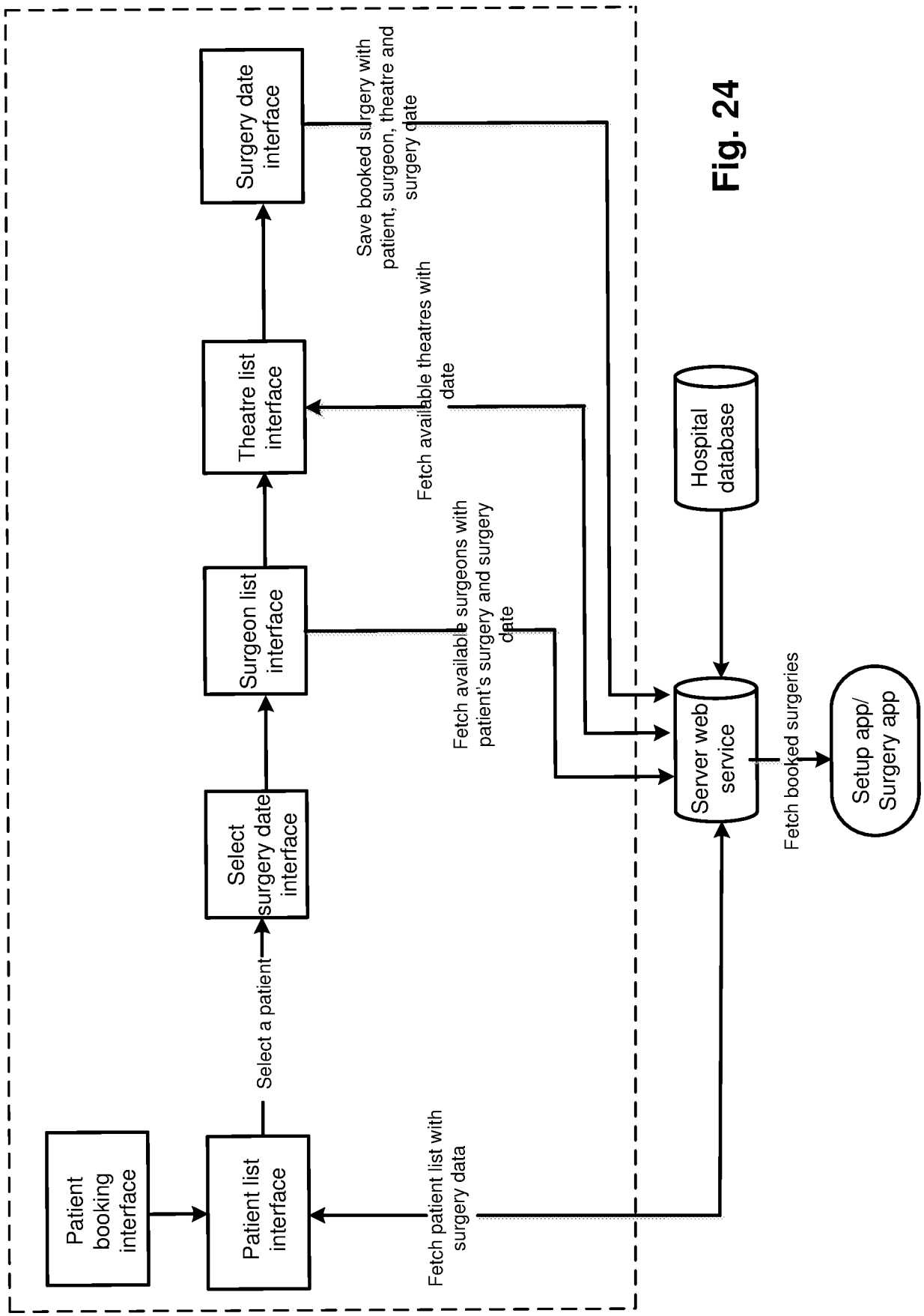

Patient booking interface
Patient list interface
Select a patient
Select surgery date interface
Surgeon list interface
Theatre list interface
Surgery date interface
Fetch patient list with surgery data
Fetch available surgeons with patient's surgery and surgery date
Fetch available theatres with date
Save booked surgery with patient, surgeon, theatre and surgery date
Server web service
Hospital database
Fetch booked surgeries
Setup app/ Surgery app

Fig. 24

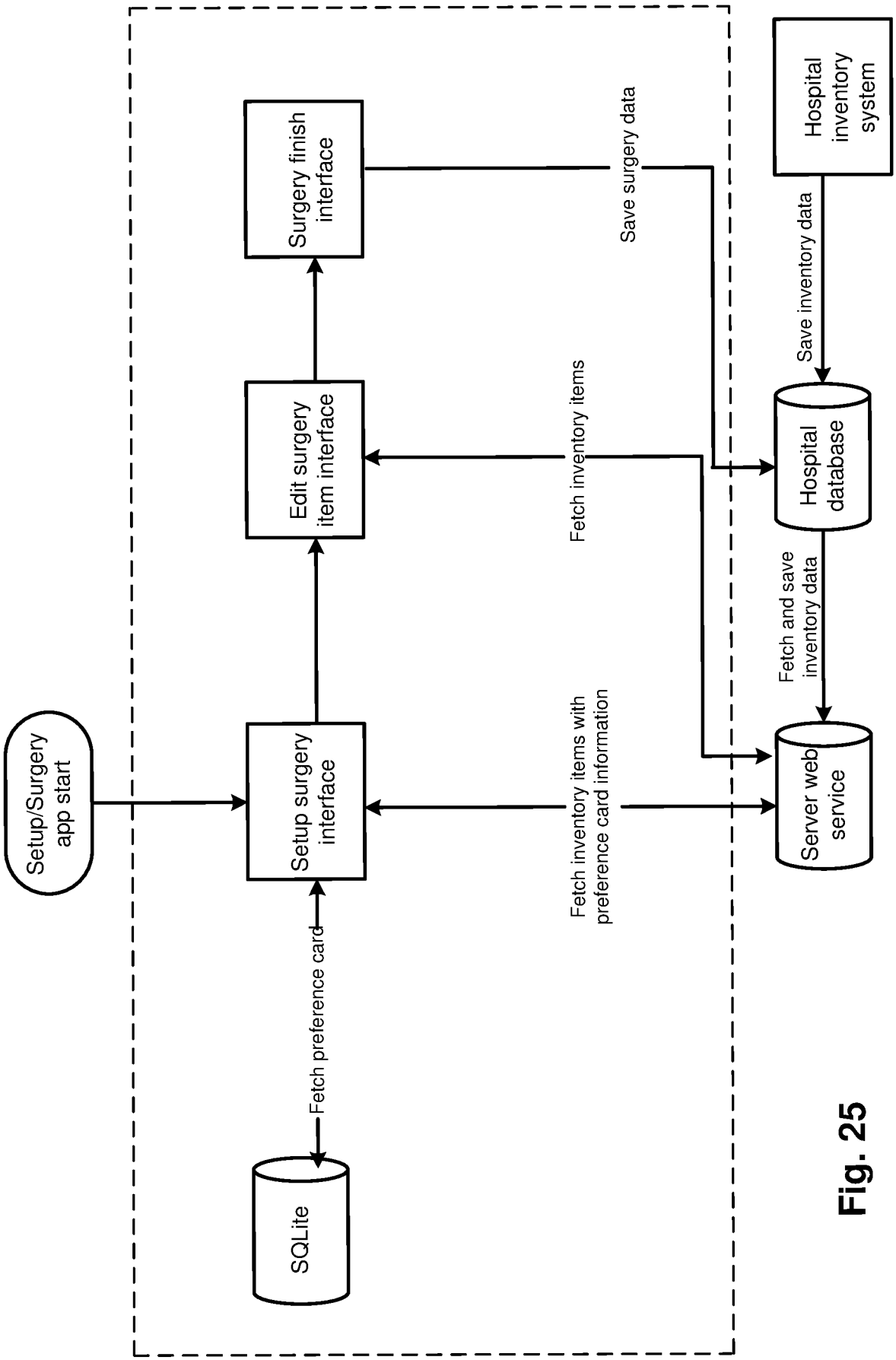

Setup/Surgery app start
Setup surgery interface
Edit surgery item interface
Surgery finish interface
SQLite
Fetch preference card
Fetch inventory items with preference card information
Fetch inventory items
Save surgery data
Server web service
Hospital database
Fetch and save inventory data
Save inventory data
Hospital inventory system

Fig. 25

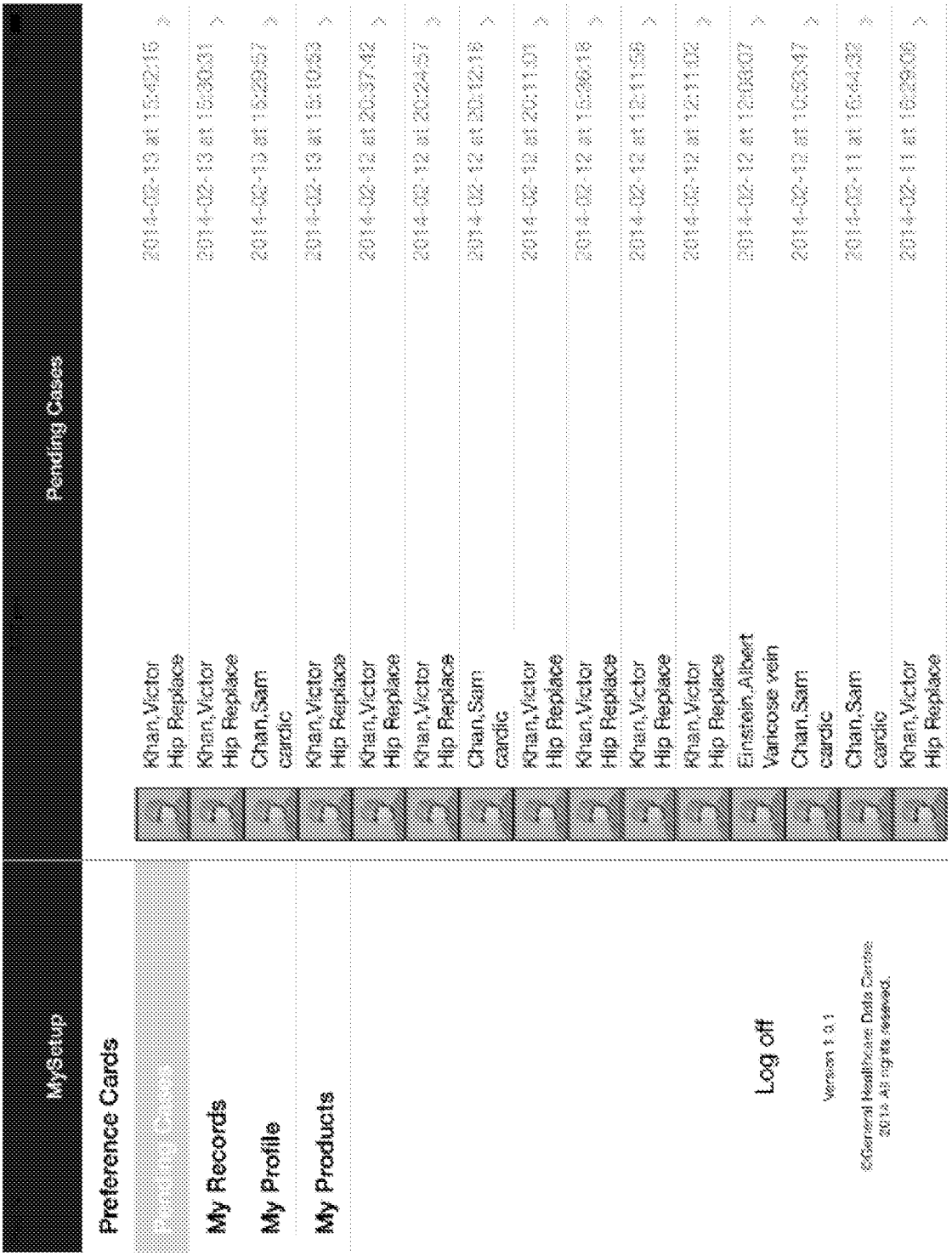

MySetup
Pending Cases
Preference Cards
My Records
My Profile
My Products
Log off
Version 1.0.1
©General Healthcare Data Centre. 2010. All rights reserved.
Khan,Victor Hip Replace 2014-02-13 at 15:42:15
Khan,Victor Hip Replace 2014-02-13 at 15:30:31
Chan,Sam cardic 2014-02-13 at 15:29:57
Khan,Victor Hip Replace 2014-02-13 at 15:10:03
Khan,Victor Hip Replace 2014-02-12 at 20:37:42
Khan,Victor Hip Replace 2014-02-12 at 20:24:57
Chan,Sam cardic 2014-02-12 at 20:12:18
Khan,Victor Hip Replace 2014-02-12 at 20:11:07
Khan,Victor Hip Replace 2014-02-12 at 16:39:18
Khan,Victor Hip Replace 2014-02-12 at 12:11:58
Khan,Victor Hip Replace 2014-02-12 at 12:11:02
Einstein,Albert Varicose vein 2014-02-12 at 12:08:07
Chan,Sam cardic 2014-02-12 at 10:50:47
Chan,Sam cardic 2014-02-11 at 16:44:32
Khan,Victor Hip Replace 2014-02-11 at 16:39:06

Fig. 26

27/29

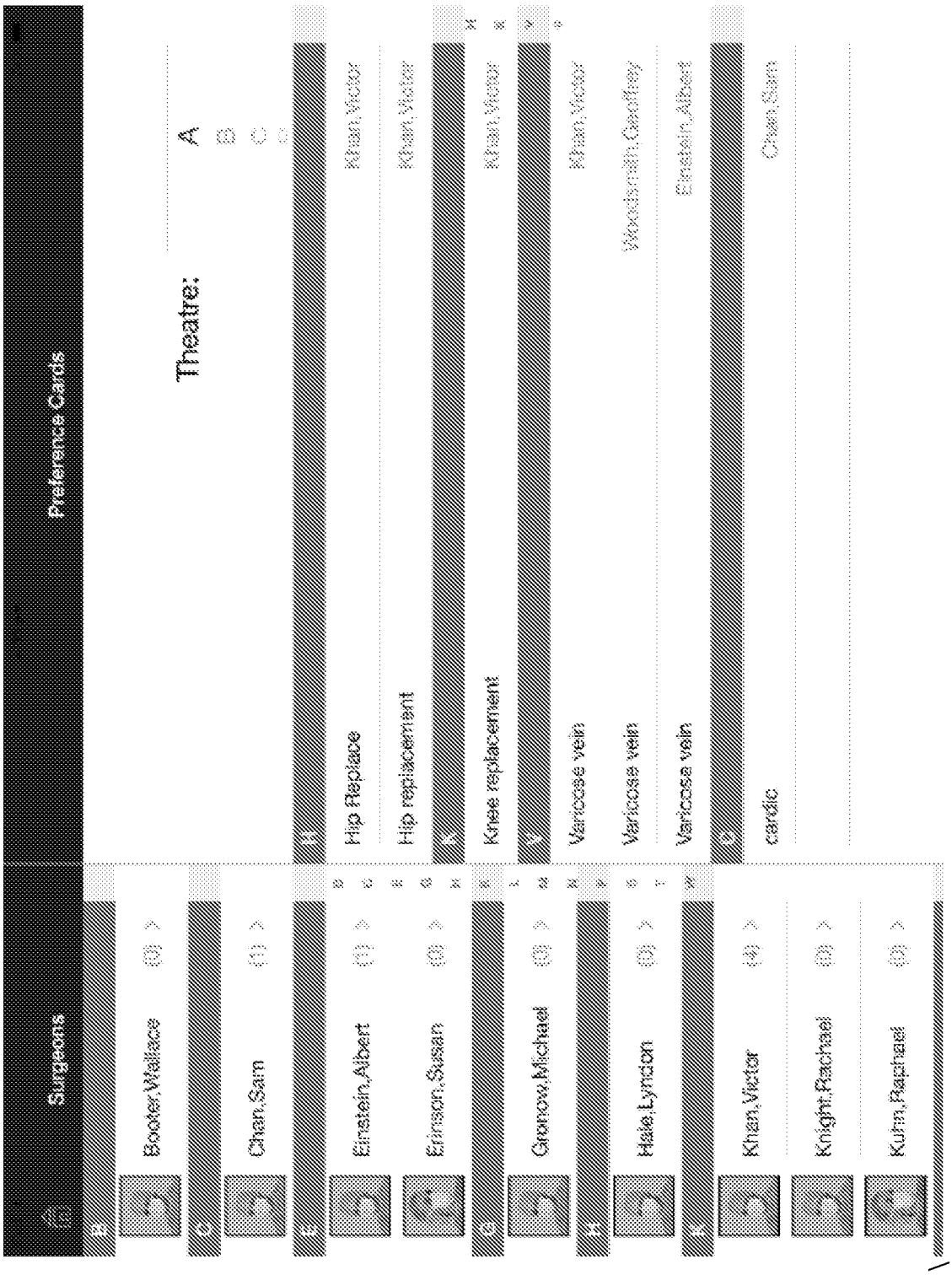

Surgeons
Preference Cards
Theatre:
A
B
C
D
Booter,Wallace
Chan,Sam
Einstein,Albert
Erinson,Susan
Gronow,Michael
Hale,Lyndon
Khan,Victor
Knight,Rachael
Kuhn,Raphael
Hip Replace
Hip replacement
Knee replacement
Varicose vein
Varicose vein
Varicose vein
cardic
Khan,Victor
Khan,Victor
Khan,Victor
Woodsmith,Geoffrey
Einstein,Albert
Chen,Sam

Fig. 27

Products
Search
DISPOSABLE
"Diathermy tip 2.75"" sterile"
"Needle diathermy e-z clean...
Pulse lavage
Cement gun disposable insert
Manifold std 4 part (rapture...
Anaesthetic pack
Drape steridrape 1010
Solution riodine 100ml
Drape steridrape 1040
Drape steridrape 1020
Drape steridrape 1016
Drape steridrape 1050
Mask multivent
Tube oral rae uncuffed 4
Theatre: A
Chan,Sam
cardic
2014-02-13 at 16:55:47
Sun, Yunzhen
GLOVES
Glove isoderm pf 8.5
1
DRAPE
Airway guedel disposable size 4
1
Airway guedel disposable size 1
1
Blood warming extension set
1
REMOVE
Tube oral rae cuffed 8.5
1
Bellowac 14fg + trocar
1
Trocar stability sleeve 5mm 75mm
4
Dram vari-blake 3mm 10fr trocar
1
DRESSING
Dressing gauze 10 x 10
1
Dressing bandaids
1
DISPOSABLE

Fig. 28

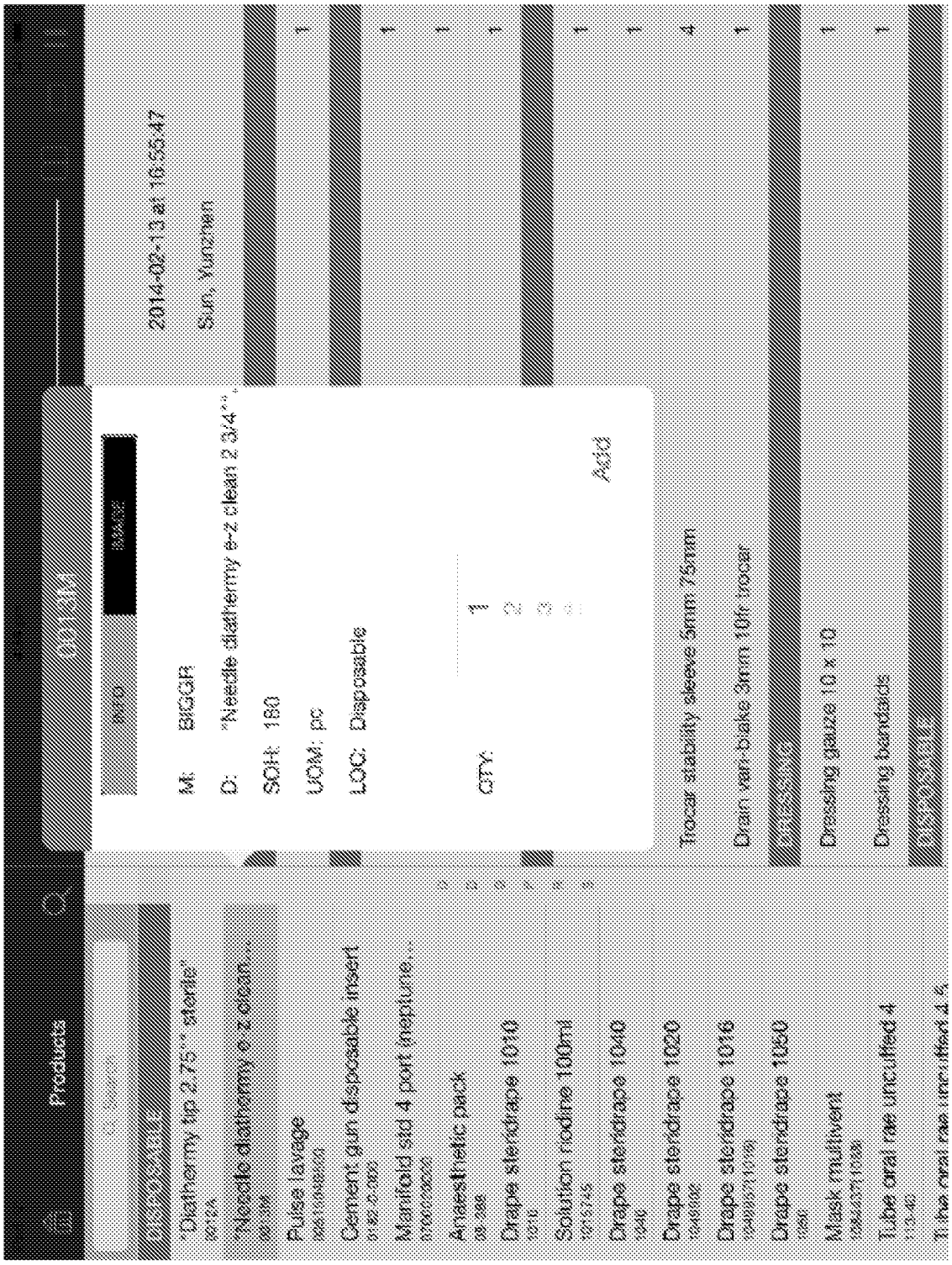

Products
Info
Add
M: BIGGR
D: "Needle diathermy e-z clean 2 3/4"
SOH: 180
UOM: pc
LOC: Disposable
QTY:
Add
2014-02-13 at 16:55:47
Sun, Yuanzen
Trocar stability sleeve 5mm 75mm
Dran vari-blake 3mm 10fr trocar
Dressing gauze 10 x 10
Dressing bandaids

Fig. 29