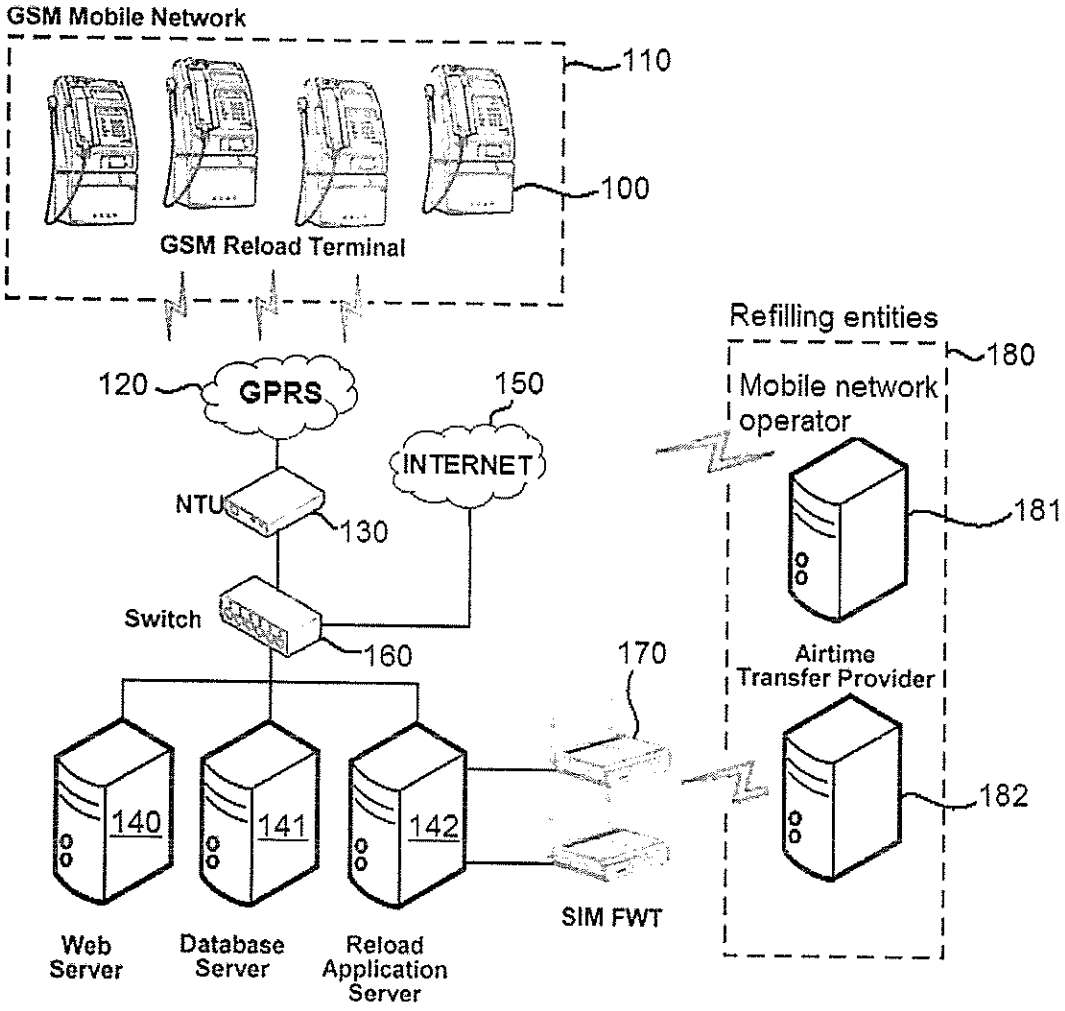

GSM Mobile Network
110
100
GSM Reload Terminal
120
GPRS
150
INTERNET
NTU
130
Switch
160
170
140
141
142
Web Server
Database Server
Reload Application Server
SIM FWT
Refilling entities
180
Mobile network operator
181
Airtime Transfer Provider
182

Fig. 1

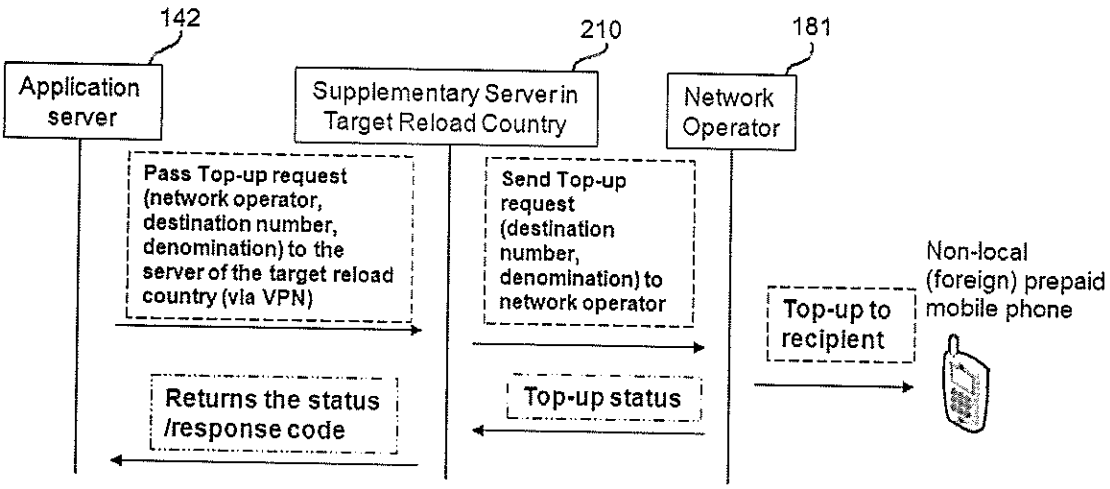

142
Application server
210
Supplementary Server in Target Reload Country
181
Network Operator
Pass Top-up request (network operator, destination number, denomination) to the server of the target reload country (via VPN)
Send Top-up request (destination number, denomination) to network operator
Top-up to recipient
Non-local (foreign) prepaid mobile phone
Returns the status /response code
Top-up status

Fig. 2

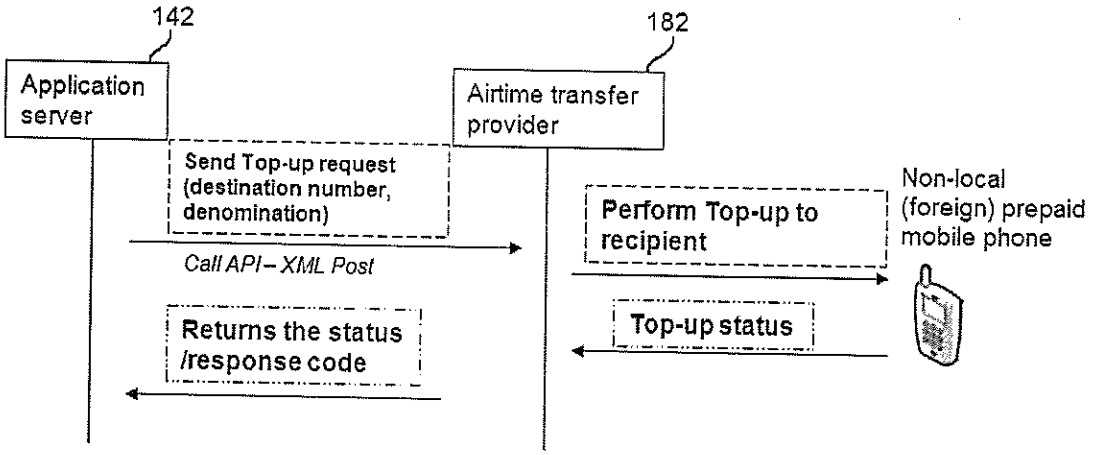

142
Application server
182
Airtime transfer provider
Send Top-up request (destination number, denomination)
Call API – XML Post
Perform Top-up to recipient
Non-local (foreign) prepaid mobile phone
Returns the status /response code
Top-up status

Fig. 3

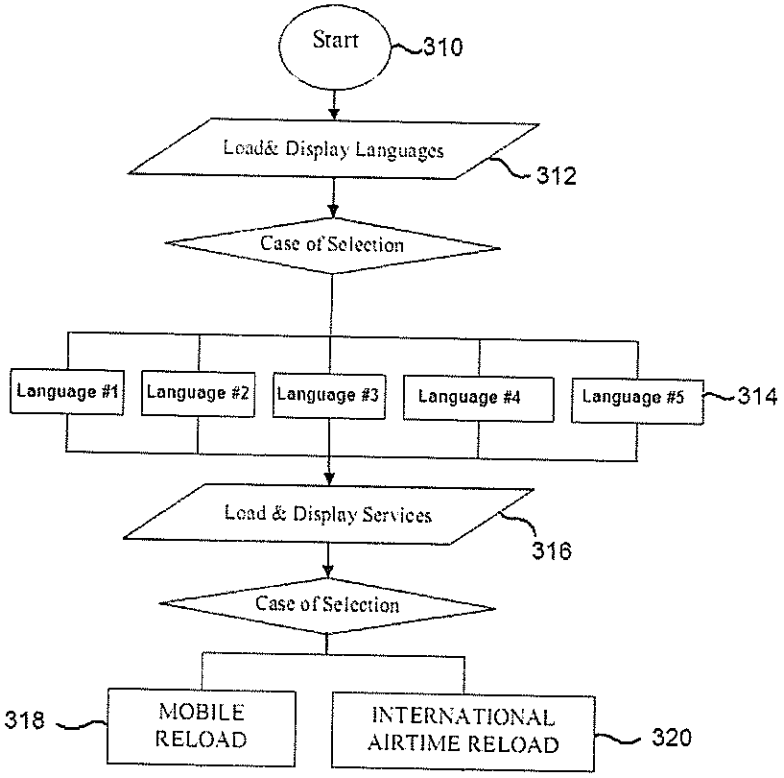

Start
310
Load& Display Languages
312
Case of Selection
Language #1
Language #2
Language #3
Language #4
Language #5
314
Load & Display Services
316
Case of Selection
318
MOBILE RELOAD
INTERNATIONAL AIRTIME RELOAD
320

Fig. 4

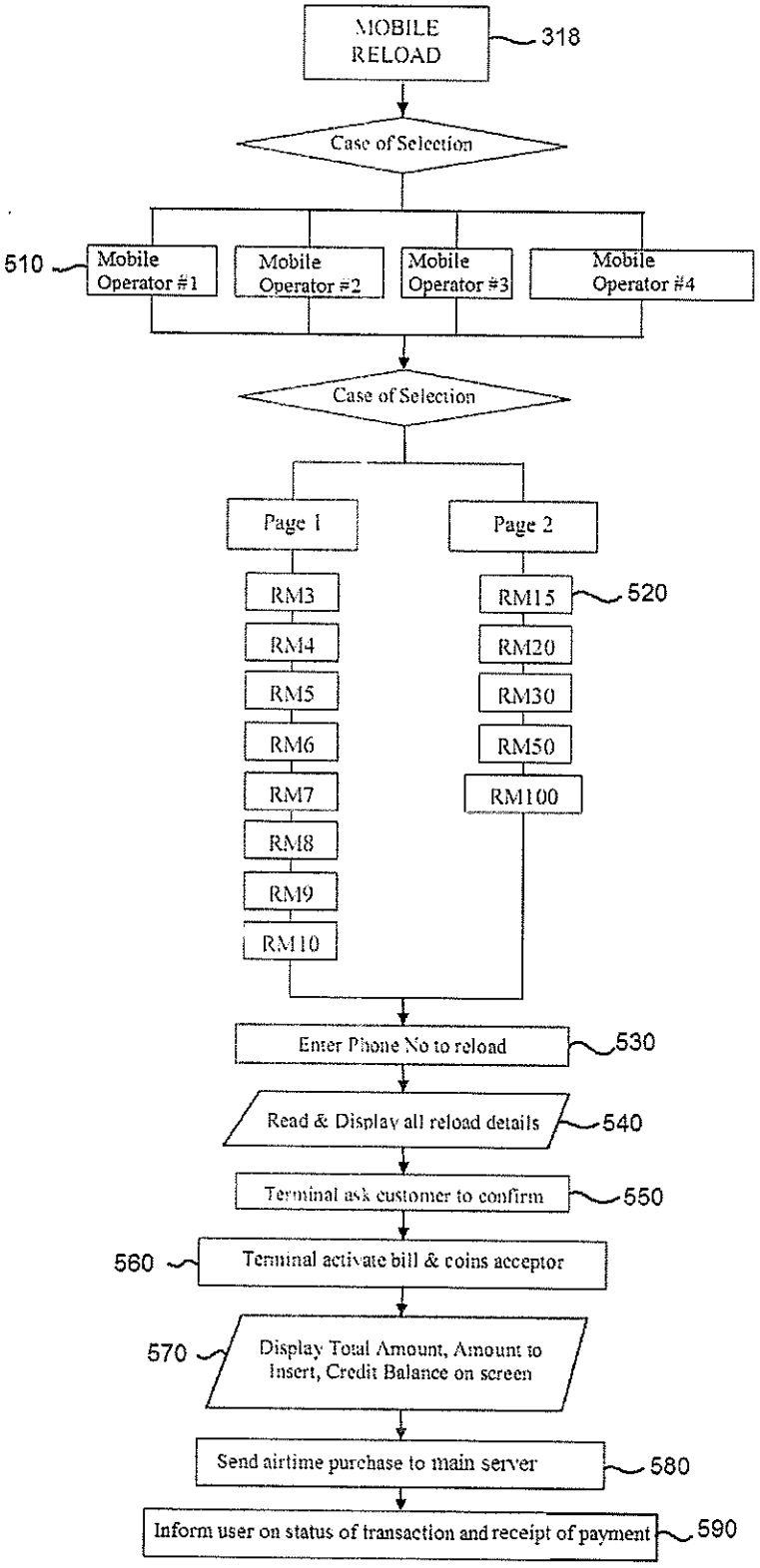

MOBILE RELOAD
318
Case of Selection
510
Mobile Operator #1
Mobile Operator #2
Mobile Operator #3
Mobile Operator #4
Case of Selection
Page 1
Page 2
RM3
RM4
RM5
RM6
RM7
RM8
RM9
RM10
RM15
520
RM20
RM30
RM50
RM100
Enter Phone No to reload
530
Read & Display all reload details
540
Terminal ask customer to confirm
550
560
Terminal activate bill & coins acceptor
570
Display Total Amount, Amount to Insert, Credit Balance on screen
Send airtime purchase to main server
580
Inform user on status of transaction and receipt of payment
590

Fig. 5

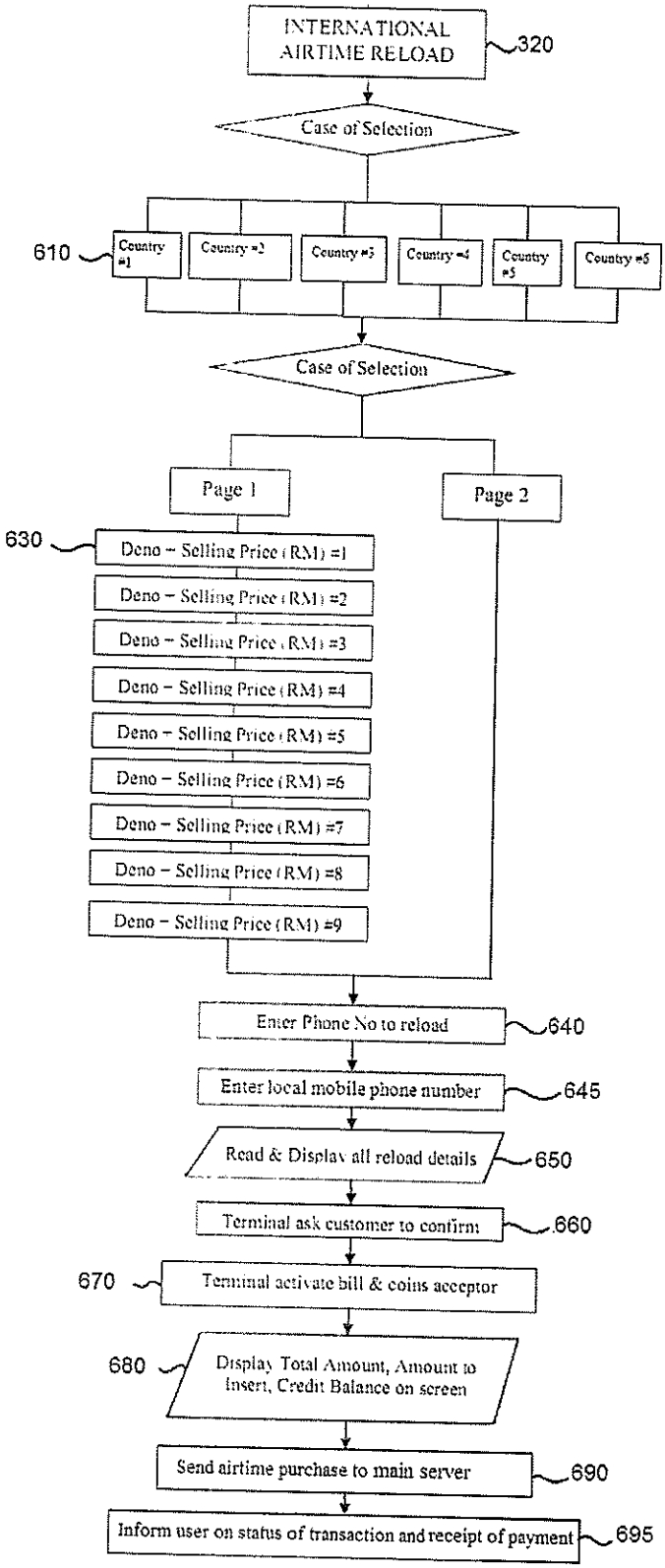

INTERNATIONAL AIRTIME RELOAD
320
Case of Selection
610
Country #1
Country #2
Country #3
Country #4
Country #5
Country #6
Case of Selection
Page 1
Page 2
630
Deno – Selling Price (RM) =1
Deno – Selling Price (RM) =2
Deno – Selling Price (RM) =3
Deno – Selling Price (RM) =4
Deno – Selling Price (RM) =5
Deno – Selling Price (RM) =6
Deno – Selling Price (RM) =7
Deno – Selling Price (RM) =8
Deno – Selling Price (RM) =9
Enter Phone No to reload
640
Enter local mobile phone number
645
Read & Display all reload details
650
Terminal ask customer to confirm
660
670
Terminal activate bill & coins acceptor
680
Display Total Amount, Amount to Insert, Credit Balance on screen
Send airtime purchase to main server
690
Inform user on status of transaction and receipt of payment
695

Fig. 6