Fig. 1

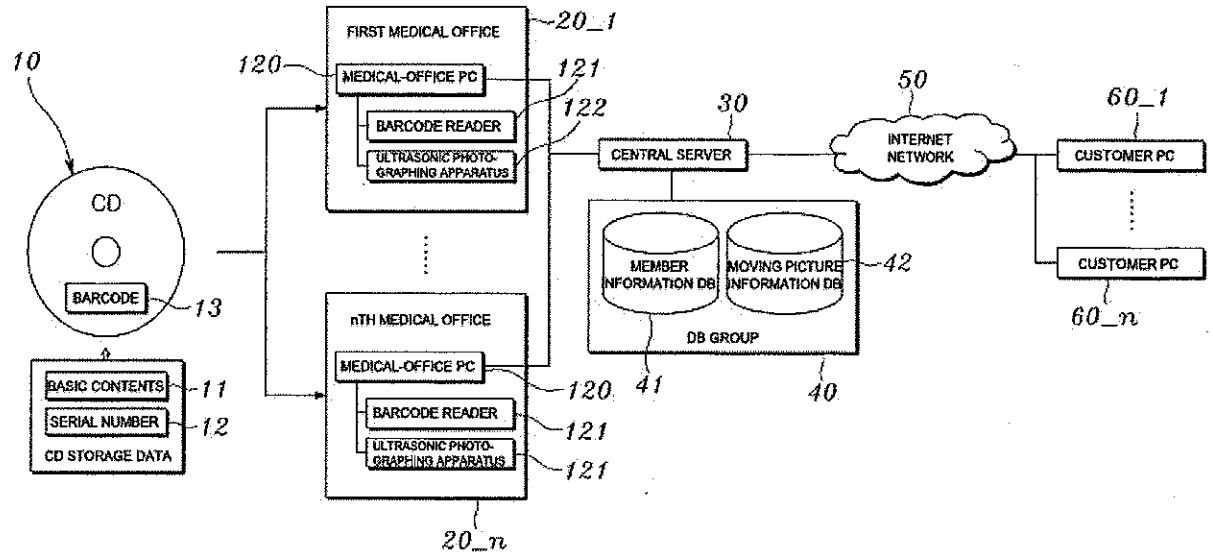

10
CD
BARCODE
13
BASIC CONTENTS
11
SERIAL NUMBER
12
CD STORAGE DATA
120
FIRST MEDICAL OFFICE
20_1
MEDICAL-OFFICE PC
121
BARCODE READER
122
ULTRASONIC PHOTO-GRAPHING APPARATUS
nTH MEDICAL OFFICE
20_n
MEDICAL-OFFICE PC
120
BARCODE READER
121
ULTRASONIC PHOTO-GRAPHING APPARATUS
121
30
CENTRAL SERVER
50
INTERNET NETWORK
60_1
CUSTOMER PC
60_n
CUSTOMER PC
MEMBER INFORMATION DB
41
MOVING PICTURE INFORMATION DB
42
DB GROUP
40

Fig. 2

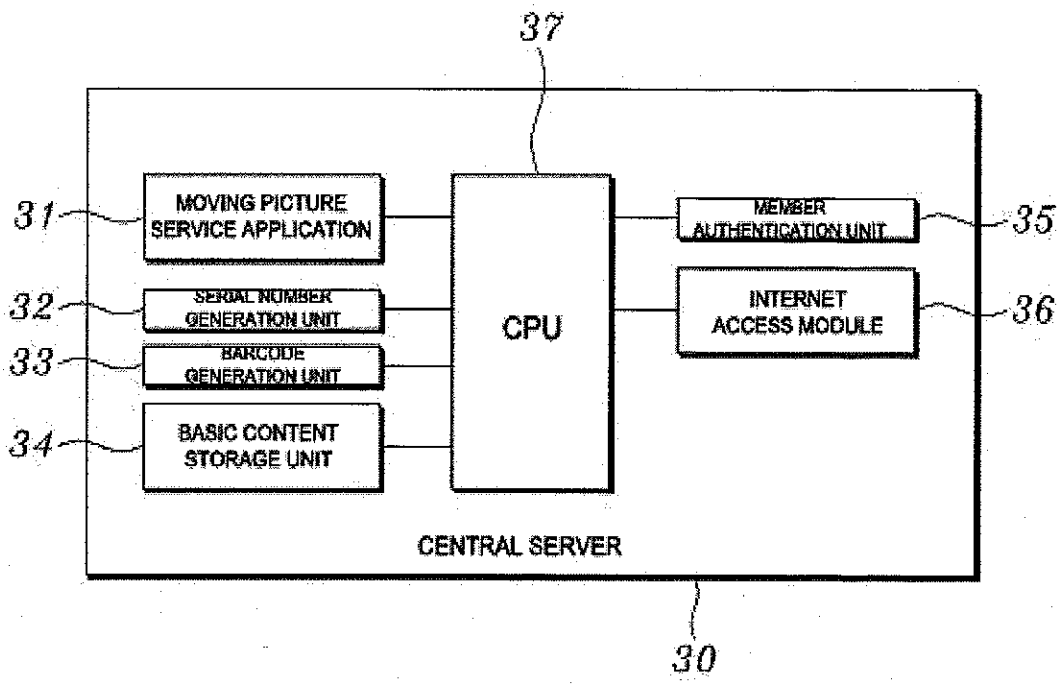

37
31
MOVING PICTURE SERVICE APPLICATION
32
SERIAL NUMBER GENERATION UNIT
33
BARCODE GENERATION UNIT
34
BASIC CONTENT STORAGE UNIT
CPU
MEMBER AUTHENTICATION UNIT
35
INTERNET ACCESS MODULE
36
CENTRAL SERVER
30

Fig. 3

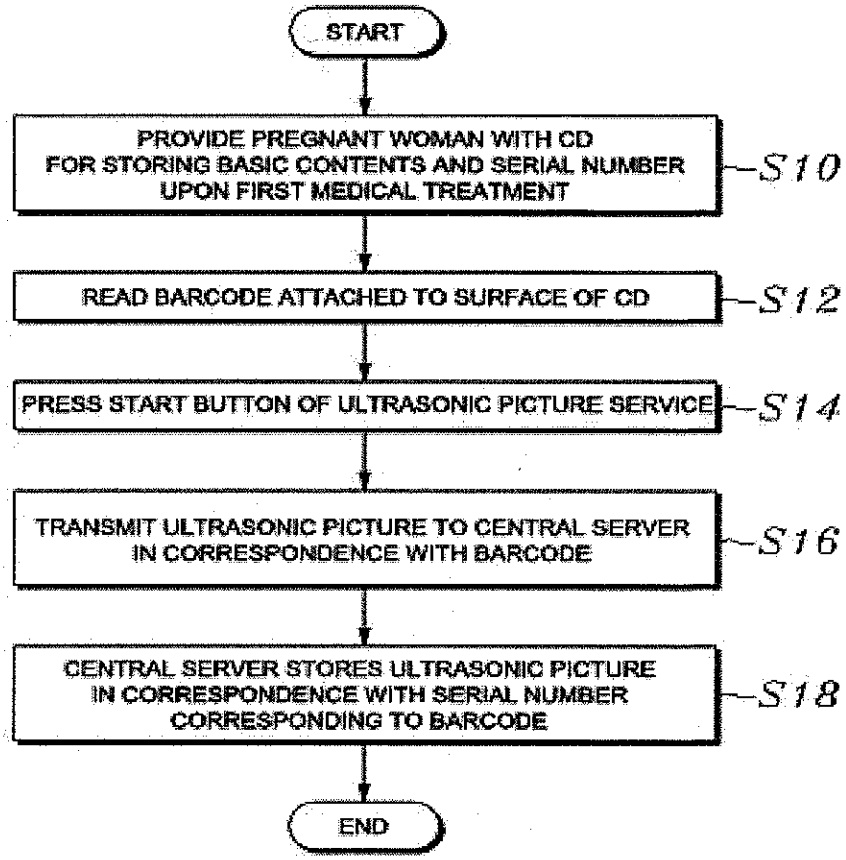

START
PROVIDE PREGNANT WOMAN WITH CD FOR STORING BASIC CONTENTS AND SERIAL NUMBER UPON FIRST MEDICAL TREATMENT
S10
READ BARCODE ATTACHED TO SURFACE OF CD
S12
PRESS START BUTTON OF ULTRASONIC PICTURE SERVICE
S14
TRANSMIT ULTRASONIC PICTURE TO CENTRAL SERVER IN CORRESPONDENCE WITH BARCODE
S16
CENTRAL SERVER STORES ULTRASONIC PICTURE IN CORRESPONDENCE WITH SERIAL NUMBER CORRESPONDING TO BARCODE
S18
END

Fig. 4

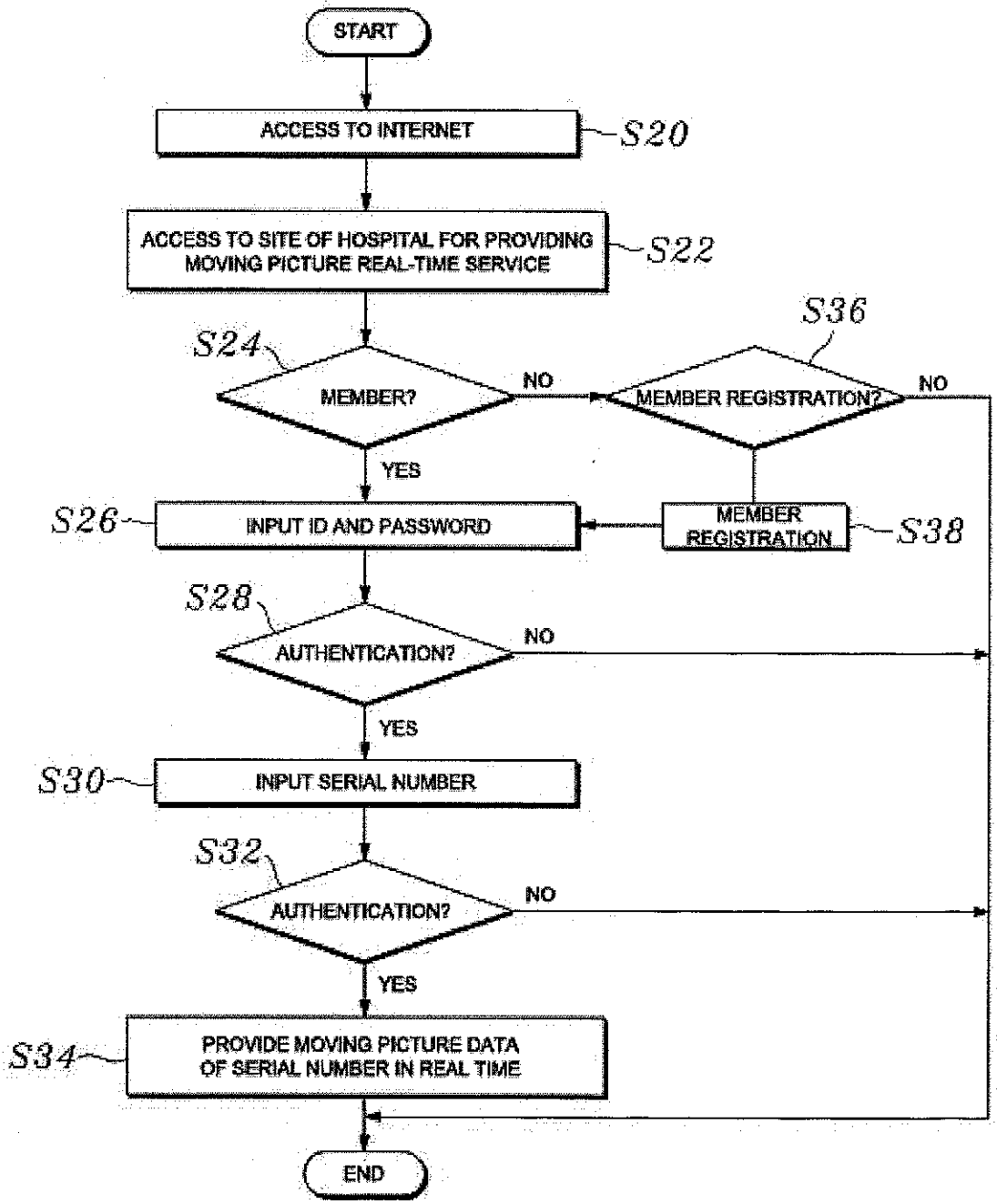
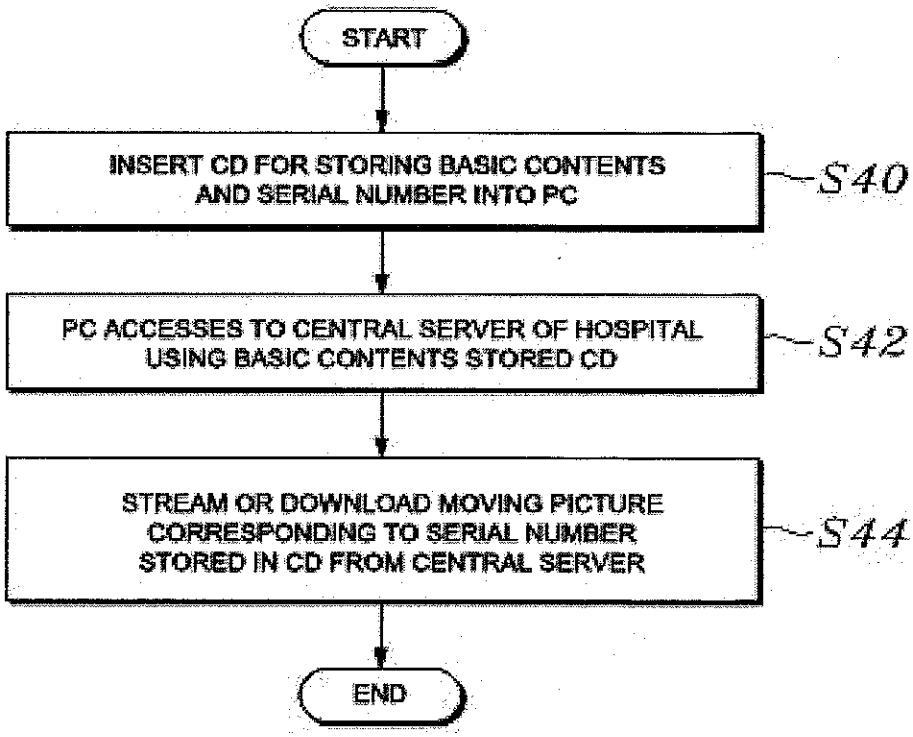

START
ACCESS TO INTERNET
S20
ACCESS TO SITE OF HOSPITAL FOR PROVIDING MOVING PICTURE REAL-TIME SERVICE
S22
S24
MEMBER?
NO
S36
MEMBER REGISTRATION?
NO
YES
S26
INPUT ID AND PASSWORD
MEMBER REGISTRATION
S38
S28
AUTHENTICATION?
NO
YES
S30
INPUT SERIAL NUMBER
S32
AUTHENTICATION?
NO
YES
S34
PROVIDE MOVING PICTURE DATA OF SERIAL NUMBER IN REAL TIME
END

Fig. 5


START
INSERT CD FOR STORING BASIC CONTENTS AND SERIAL NUMBER INTO PC
S40
PC ACCESSES TO CENTRAL SERVER OF HOSPITAL USING BASIC CONTENTS STORED CD
S42
STREAM OR DOWNLOAD MOVING PICTURE CORRESPONDING TO SERIAL NUMBER STORED IN CD FROM CENTRAL SERVER
S44
END