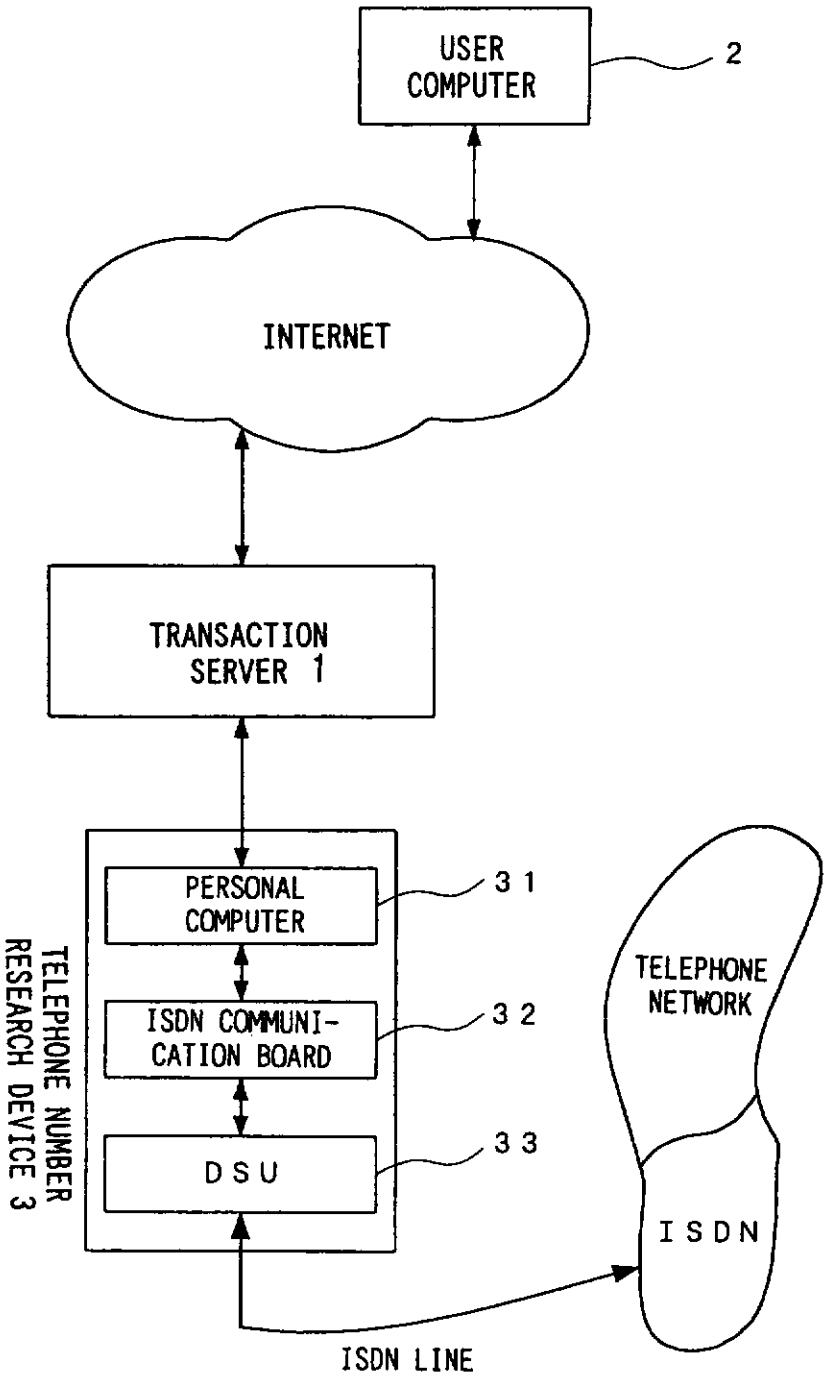

USER COMPUTER
2
INTERNET
TRANSACTION SERVER 1
PERSONAL COMPUTER
31
ISDN COMMUNI-CATION BOARD
32
DSU
33
TELEPHONE NUMBER RESEARCH DEVICE 3
TELEPHONE NETWORK
ISDN
ISDN LINE

FIG.1

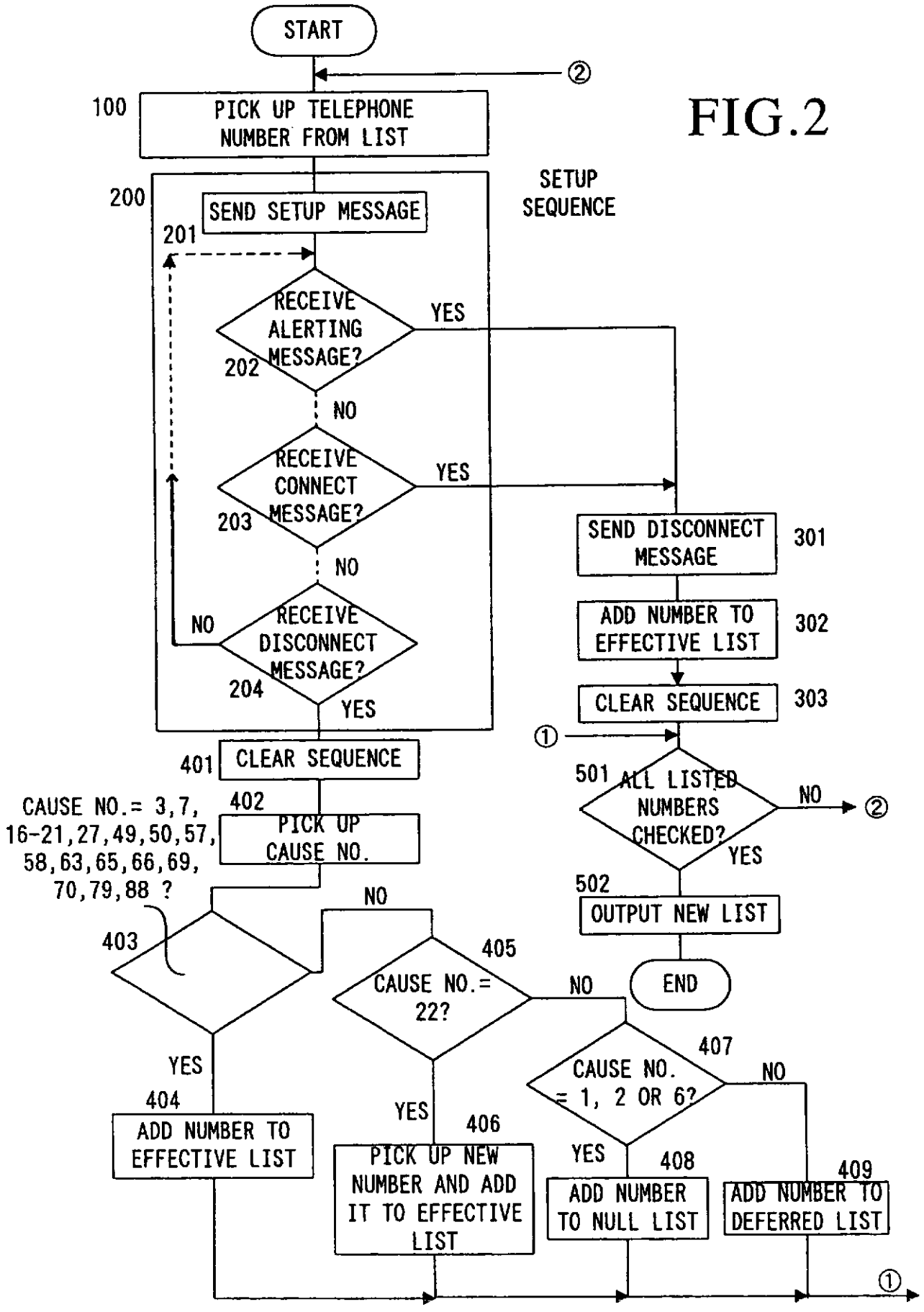

START
②
100
PICK UP TELEPHONE NUMBER FROM LIST
200
SETUP SEQUENCE
SEND SETUP MESSAGE
201
RECEIVE ALERTING MESSAGE?
202
YES
NO
RECEIVE CONNECT MESSAGE?
203
YES
NO
RECEIVE DISCONNECT MESSAGE?
204
NO
YES
401
CLEAR SEQUENCE
CAUSE NO.= 3,7, 16-21,27,49,50,57, 58,63,65,66,69, 70,79,88 ?
402
PICK UP CAUSE NO.
403
NO
YES
404
ADD NUMBER TO EFFECTIVE LIST
405
CAUSE NO.= 22?
NO
YES
406
PICK UP NEW NUMBER AND ADD IT TO EFFECTIVE LIST
407
CAUSE NO. = 1, 2 OR 6?
NO
YES
408
ADD NUMBER TO NULL LIST
409
ADD NUMBER TO DEFERRED LIST
①
SEND DISCONNECT MESSAGE
301
ADD NUMBER TO EFFECTIVE LIST
302
CLEAR SEQUENCE
303
①
501
ALL LISTED NUMBERS CHECKED?
NO
②
YES
502
OUTPUT NEW LIST
END

FIG.2