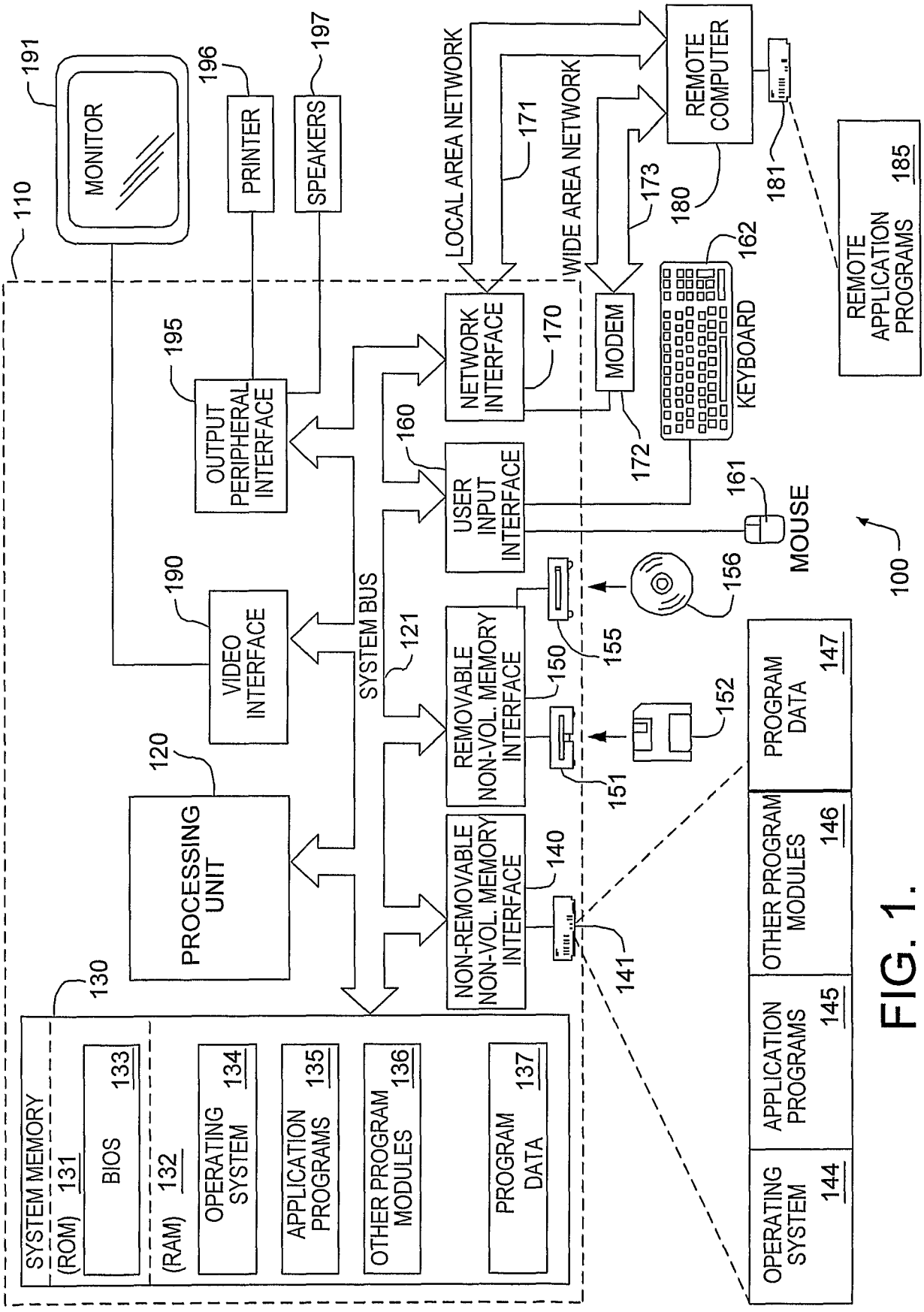

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196
197
SYSTEM MEMORY
(ROM)
BIOS
(RAM)
OPERATING SYSTEM
APPLICATION PROGRAMS
OTHER PROGRAM MODULES
PROGRAM DATA
PROCESSING UNIT
VIDEO INTERFACE
SYSTEM BUS
OUTPUT PERIPHERAL INTERFACE
NON-REMOVABLE NON-VOL. MEMORY INTERFACE
REMOVABLE NON-VOL. MEMORY INTERFACE
USER INPUT INTERFACE
NETWORK INTERFACE
MODEM
LOCAL AREA NETWORK
WIDE AREA NETWORK
REMOTE COMPUTER
REMOTE APPLICATION PROGRAMS
MONITOR
PRINTER
SPEAKERS
KEYBOARD
MOUSE
OPERATING SYSTEM
APPLICATION PROGRAMS
OTHER PROGRAM MODULES
PROGRAM DATA

FIG. 1.

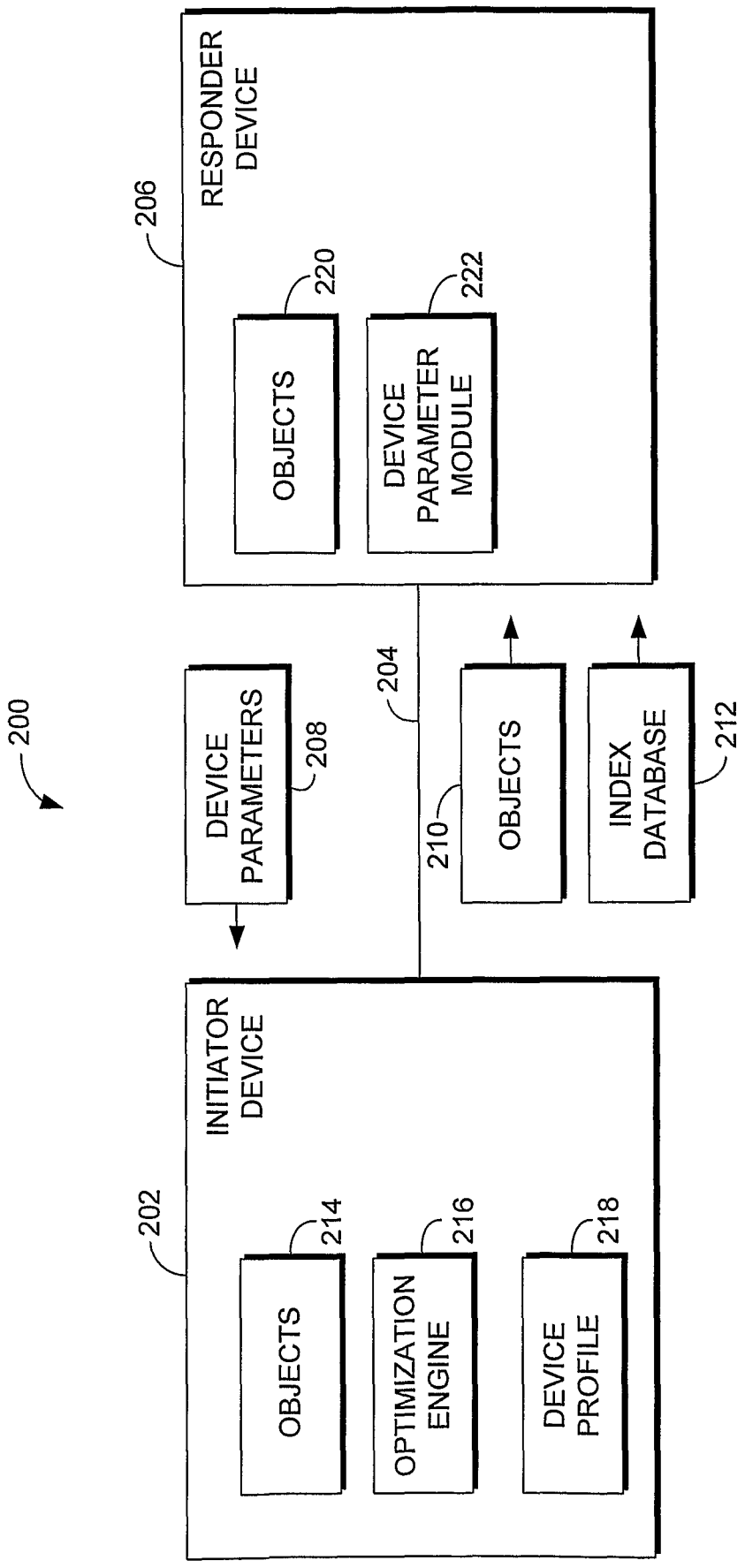

200
RESPONDER DEVICE
206
OBJECTS
220
DEVICE PARAMETER MODULE
222
204
DEVICE PARAMETERS
208
OBJECTS
210
INDEX DATABASE
212
INITIATOR DEVICE
202
OBJECTS
214
OPTIMIZATION ENGINE
216
DEVICE PROFILE
218

FIG. 2.

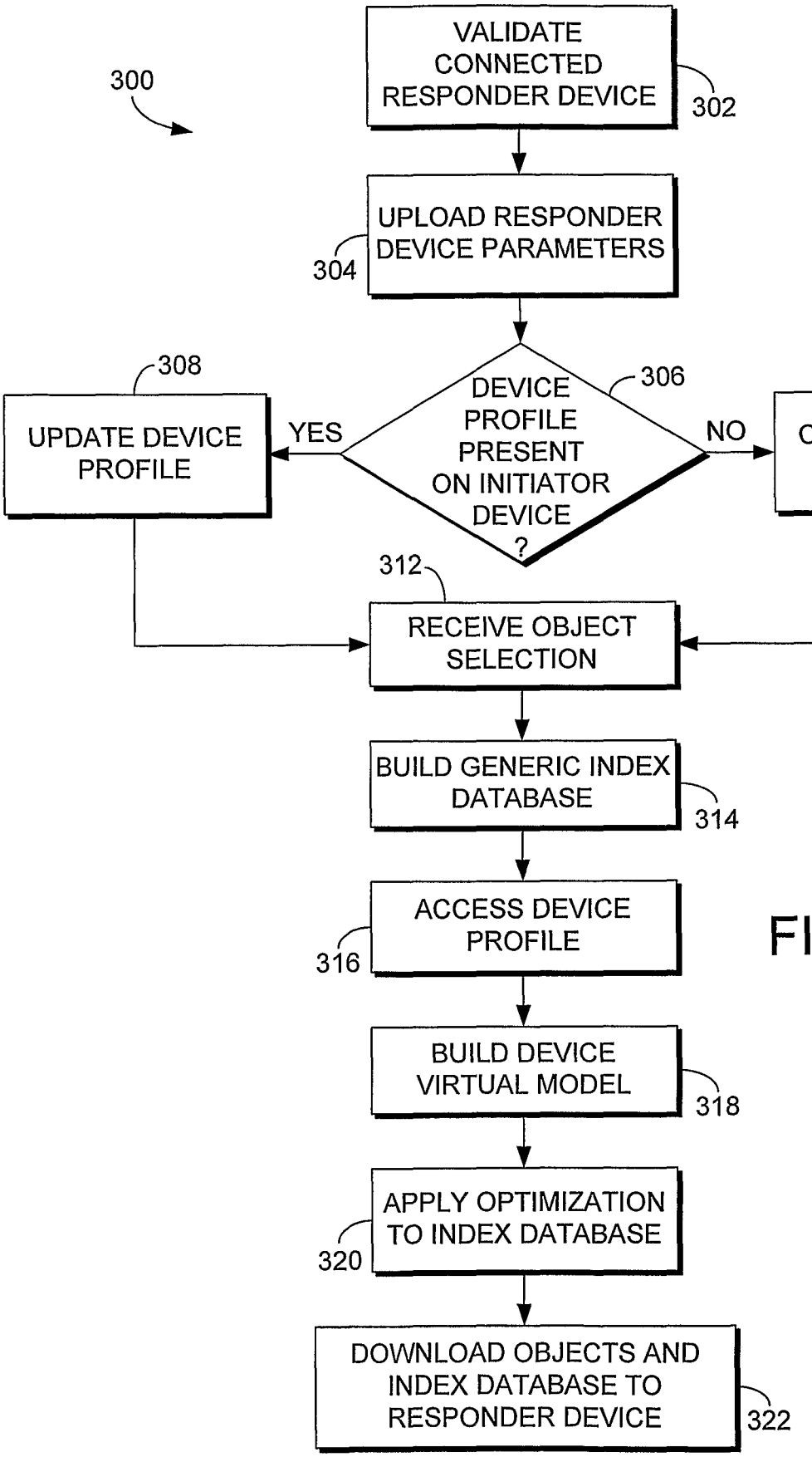

300
VALIDATE CONNECTED RESPONDER DEVICE
302
UPLOAD RESPONDER DEVICE PARAMETERS
304
DEVICE PROFILE PRESENT ON INITIATOR DEVICE ?
306
YES
NO
308
UPDATE DEVICE PROFILE
310
CREATE DEVICE PROFILE
312
RECEIVE OBJECT SELECTION
BUILD GENERIC INDEX DATABASE
314
ACCESS DEVICE PROFILE
316
BUILD DEVICE VIRTUAL MODEL
318
APPLY OPTIMIZATION TO INDEX DATABASE
320
DOWNLOAD OBJECTS AND INDEX DATABASE TO RESPONDER DEVICE
322

FIG. 3.

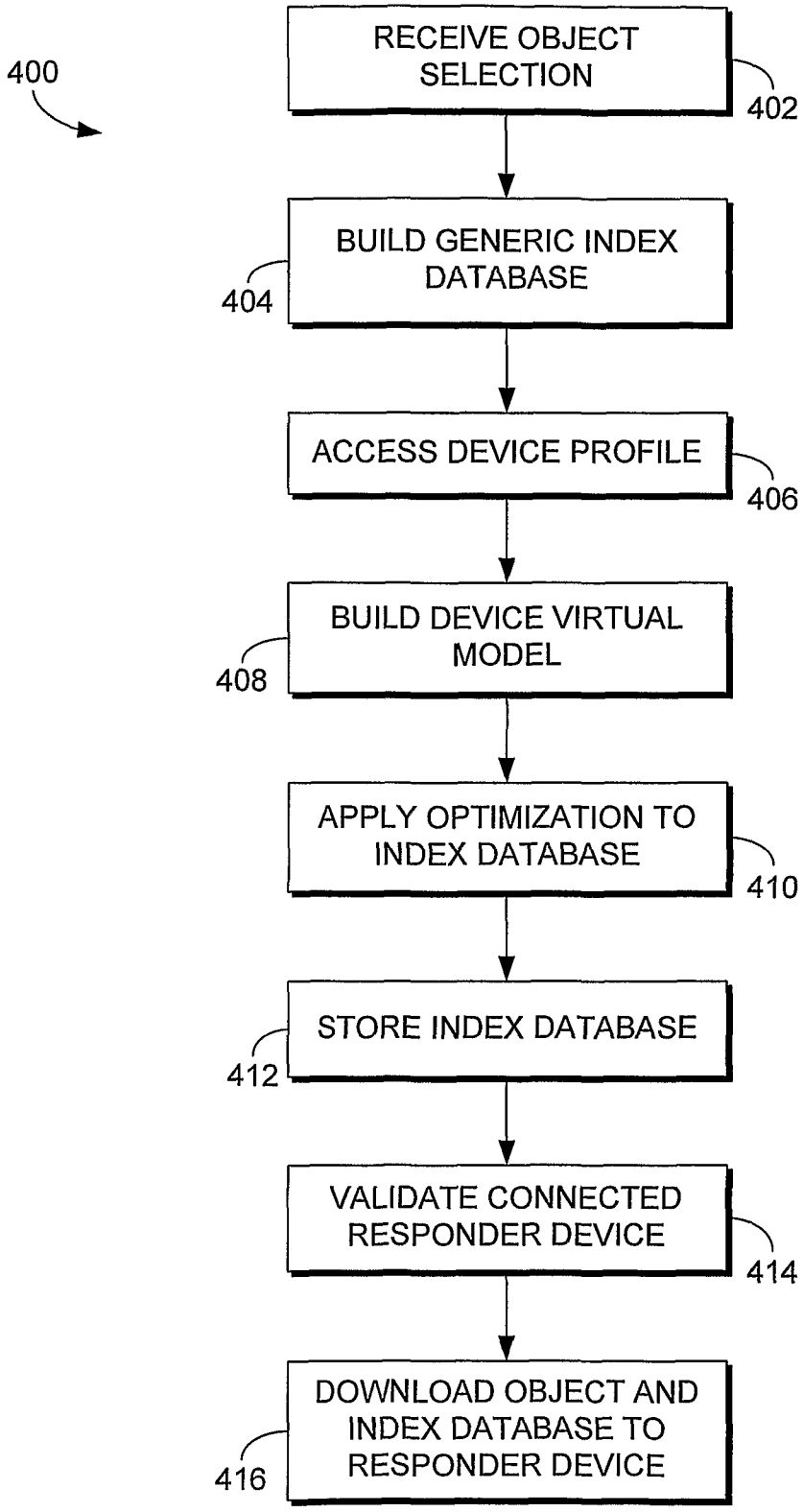

400
RECEIVE OBJECT SELECTION
402
BUILD GENERIC INDEX DATABASE
404
ACCESS DEVICE PROFILE
406
BUILD DEVICE VIRTUAL MODEL
408
APPLY OPTIMIZATION TO INDEX DATABASE
410
STORE INDEX DATABASE
412
VALIDATE CONNECTED RESPONDER DEVICE
414
DOWNLOAD OBJECT AND INDEX DATABASE TO RESPONDER DEVICE
416

FIG. 4.

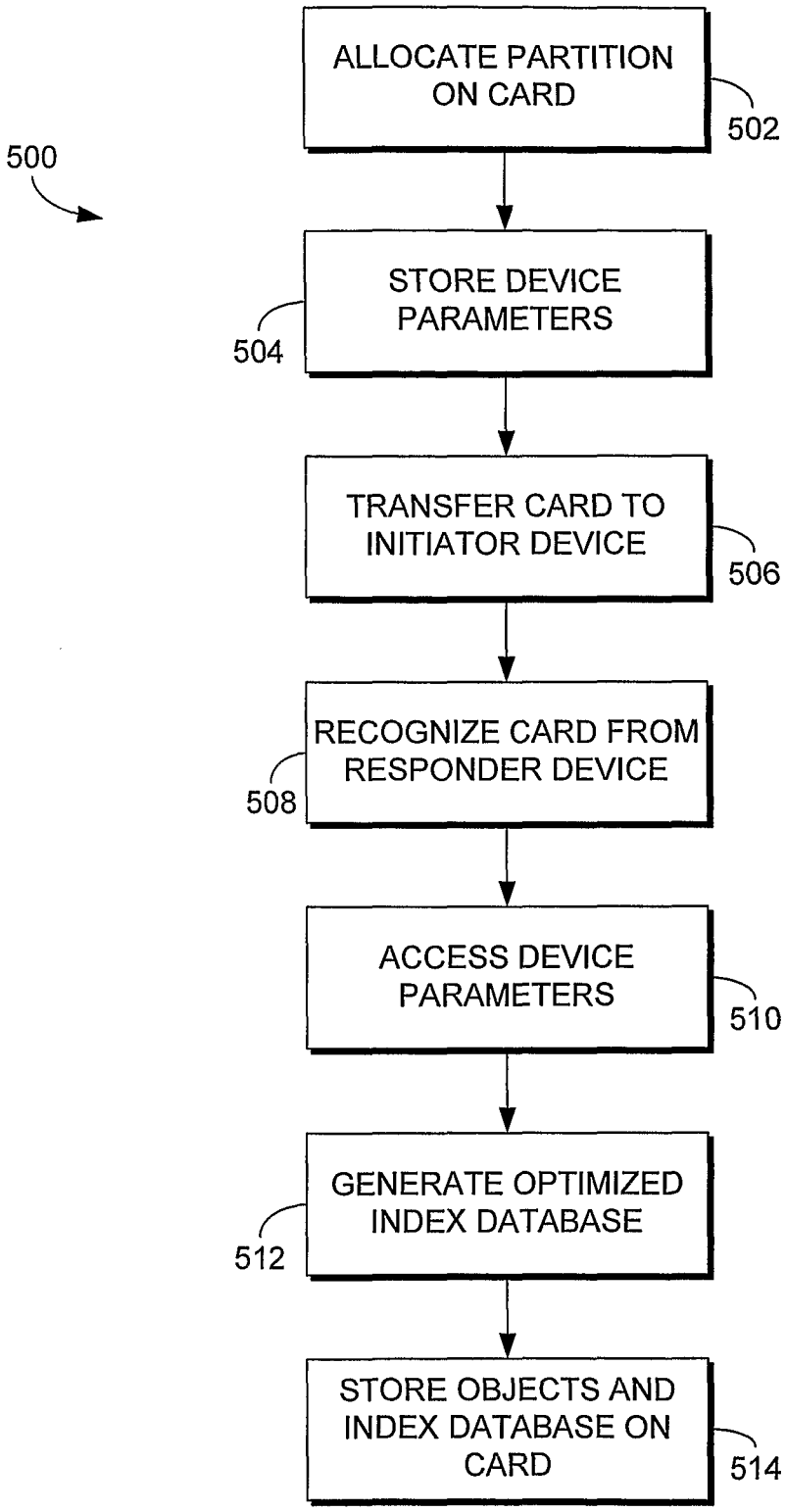

500
ALLOCATE PARTITION ON CARD
502
STORE DEVICE PARAMETERS
504
TRANSFER CARD TO INITIATOR DEVICE
506
RECOGNIZE CARD FROM RESPONDER DEVICE
508
ACCESS DEVICE PARAMETERS
510
GENERATE OPTIMIZED INDEX DATABASE
512
STORE OBJECTS AND INDEX DATABASE ON CARD
514

FIG. 5.