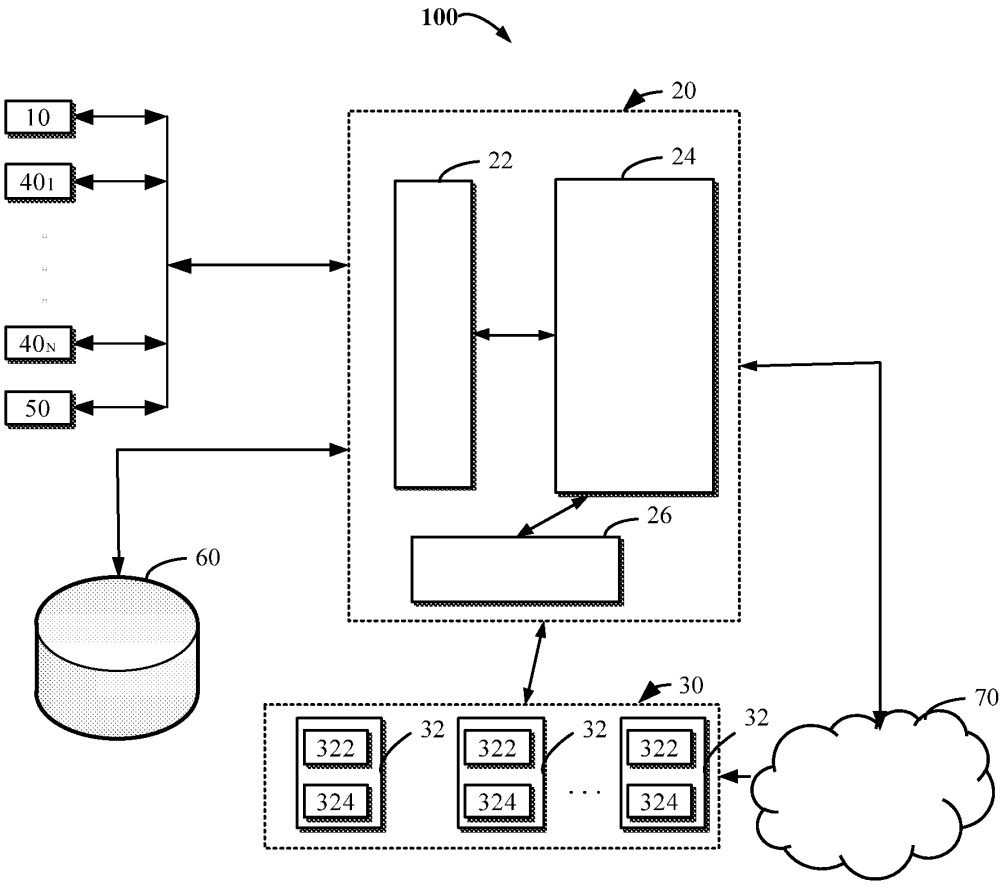


FIG. 1

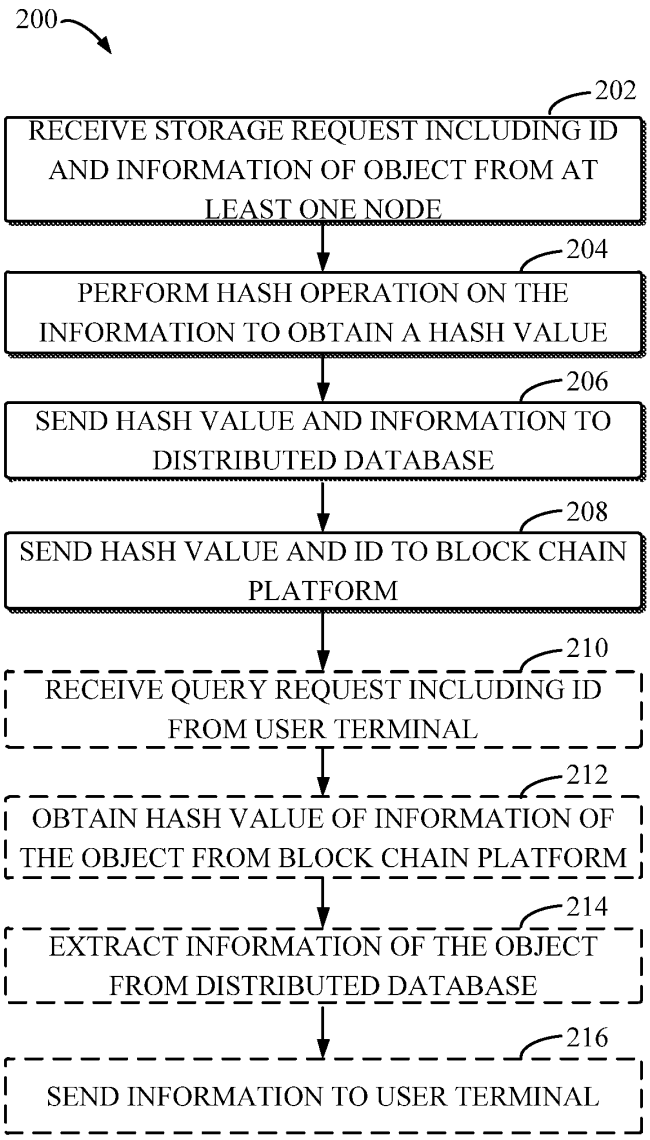

200
202
RECEIVE STORAGE REQUEST INCLUDING ID AND INFORMATION OF OBJECT FROM AT LEAST ONE NODE
204
PERFORM HASH OPERATION ON THE INFORMATION TO OBTAIN A HASH VALUE
206
SEND HASH VALUE AND INFORMATION TO DISTRIBUTED DATABASE
208
SEND HASH VALUE AND ID TO BLOCK CHAIN PLATFORM
210
RECEIVE QUERY REQUEST INCLUDING ID FROM USER TERMINAL
212
OBTAIN HASH VALUE OF INFORMATION OF THE OBJECT FROM BLOCK CHAIN PLATFORM
214
EXTRACT INFORMATION OF THE OBJECT FROM DISTRIBUTED DATABASE
216
SEND INFORMATION TO USER TERMINAL

FIG. 2

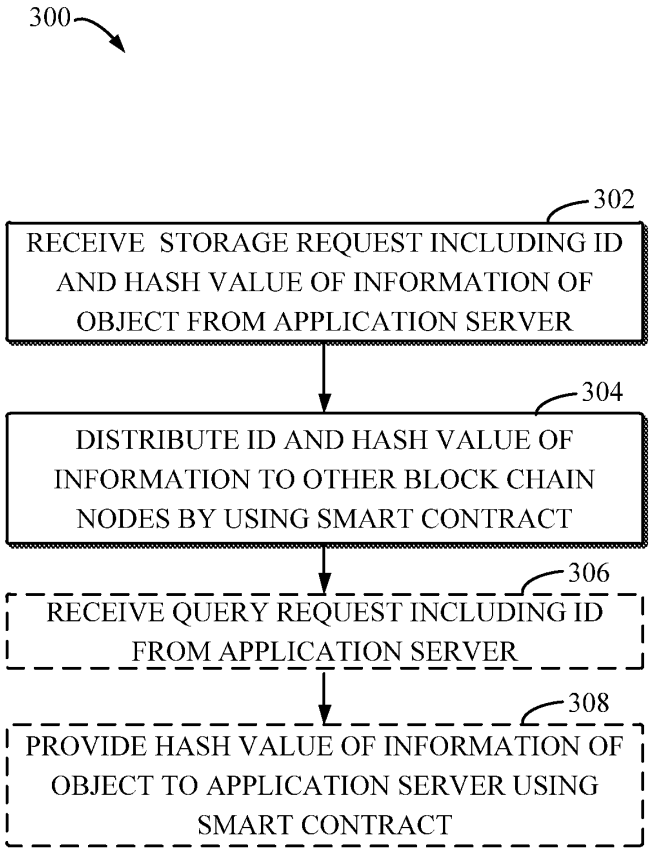

300
302
RECEIVE STORAGE REQUEST INCLUDING ID AND HASH VALUE OF INFORMATION OF OBJECT FROM APPLICATION SERVER
304
DISTRIBUTE ID AND HASH VALUE OF INFORMATION TO OTHER BLOCK CHAIN NODES BY USING SMART CONTRACT
306
RECEIVE QUERY REQUEST INCLUDING ID FROM APPLICATION SERVER
308
PROVIDE HASH VALUE OF INFORMATION OF OBJECT TO APPLICATION SERVER USING SMART CONTRACT

FIG. 3

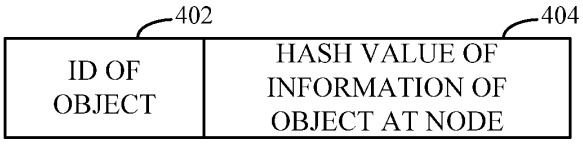

402
404
ID OF OBJECT
HASH VALUE OF INFORMATION OF OBJECT AT NODE

FIG. 4A

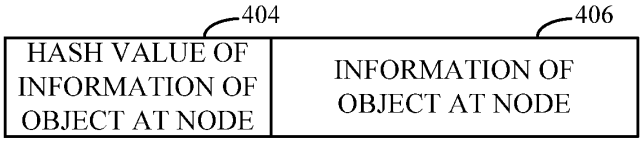

404
406
HASH VALUE OF INFORMATION OF OBJECT AT NODE
INFORMATION OF OBJECT AT NODE

FIG. 4B

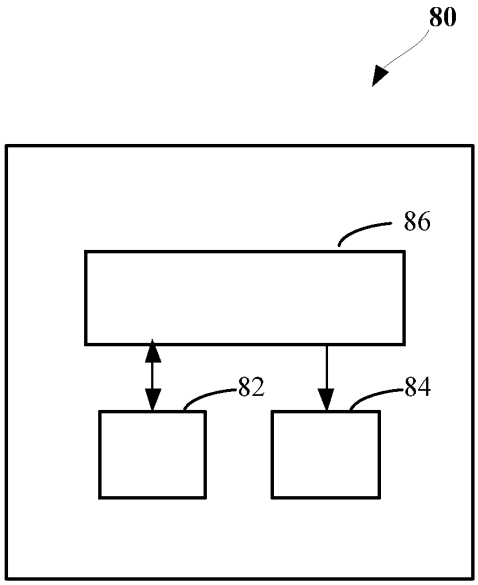


FIG. 5