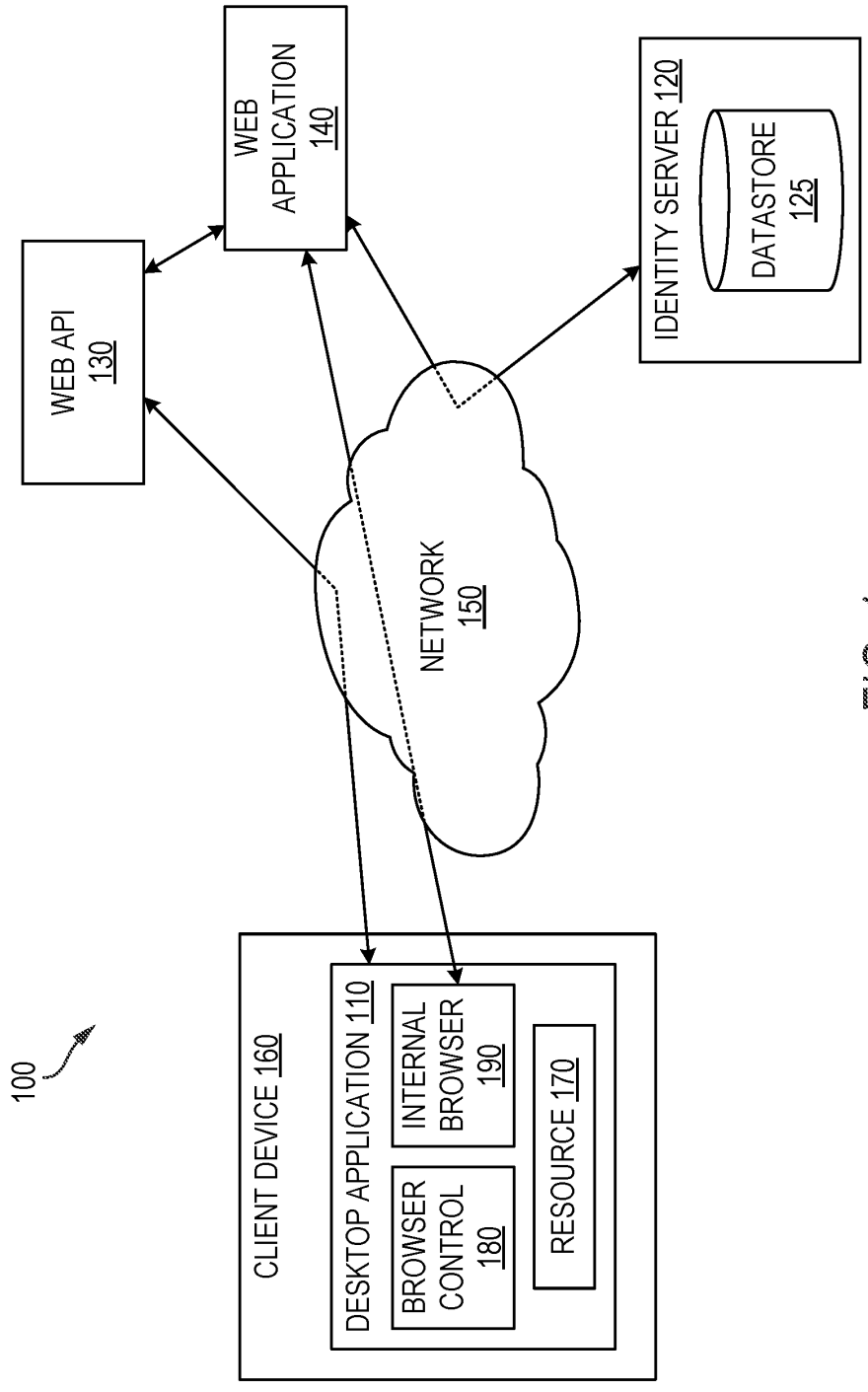

100
CLIENT DEVICE 160
DESKTOP APPLICATION 110
BROWSER CONTROL 180
INTERNAL BROWSER 190
RESOURCE 170
NETWORK 150
WEB API 130
WEB APPLICATION 140
IDENTITY SERVER 120
DATASTORE 125

FIG. 1

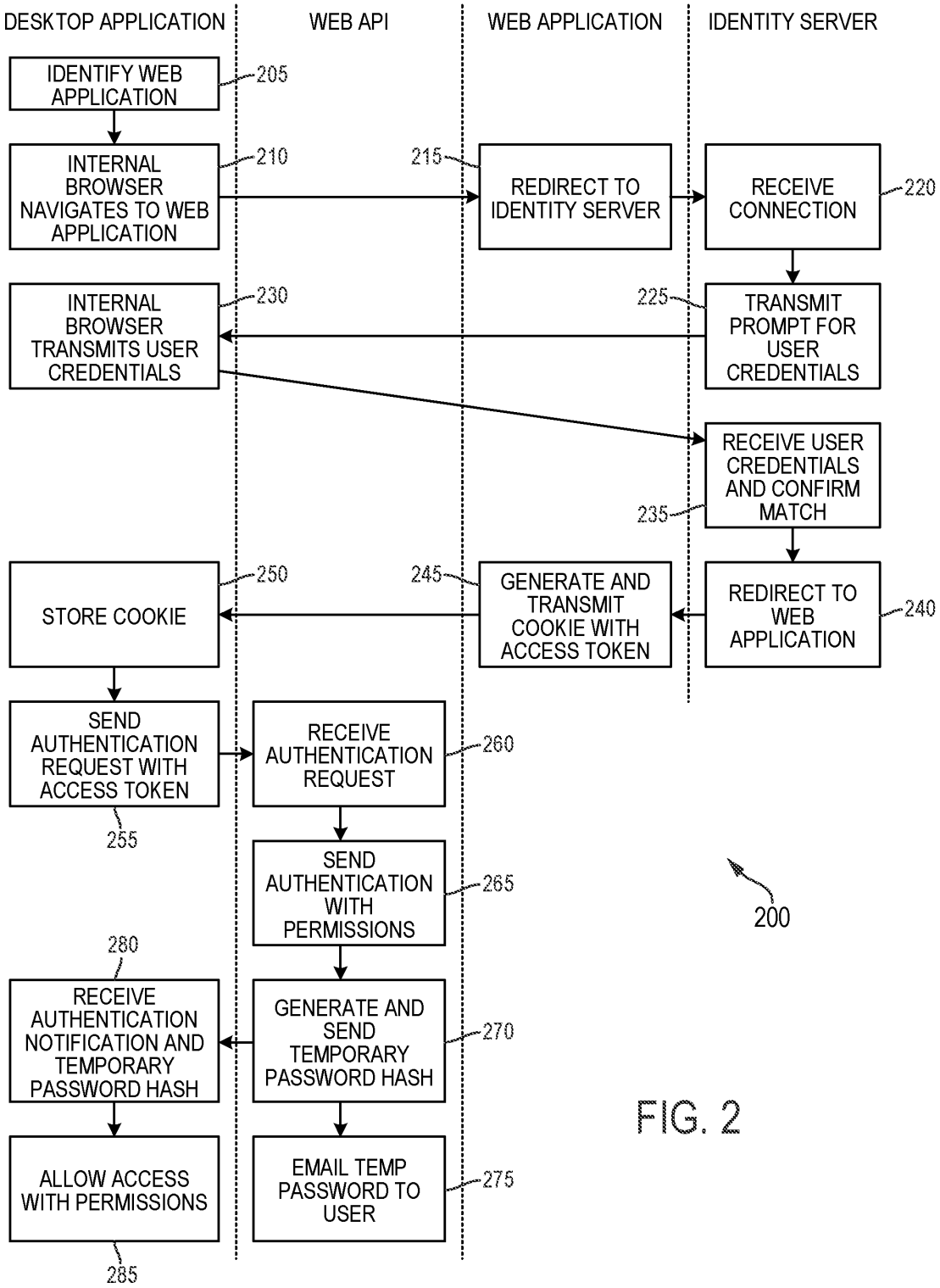

DESKTOP APPLICATION
WEB API
WEB APPLICATION
IDENTITY SERVER
IDENTIFY WEB APPLICATION
205
INTERNAL BROWSER NAVIGATES TO WEB APPLICATION
210
215
REDIRECT TO IDENTITY SERVER
RECEIVE CONNECTION
220
INTERNAL BROWSER TRANSMITS USER CREDENTIALS
230
225
TRANSMIT PROMPT FOR USER CREDENTIALS
RECEIVE USER CREDENTIALS AND CONFIRM MATCH
235
STORE COOKIE
250
245
GENERATE AND TRANSMIT COOKIE WITH ACCESS TOKEN
REDIRECT TO WEB APPLICATION
240
SEND AUTHENTICATION REQUEST WITH ACCESS TOKEN
255
RECEIVE AUTHENTICATION REQUEST
260
SEND AUTHENTICATION WITH PERMISSIONS
265
200
280
RECEIVE AUTHENTICATION NOTIFICATION AND TEMPORARY PASSWORD HASH
GENERATE AND SEND TEMPORARY PASSWORD HASH
270
ALLOW ACCESS WITH PERMISSIONS
285
EMAIL TEMP PASSWORD TO USER
275

FIG. 2

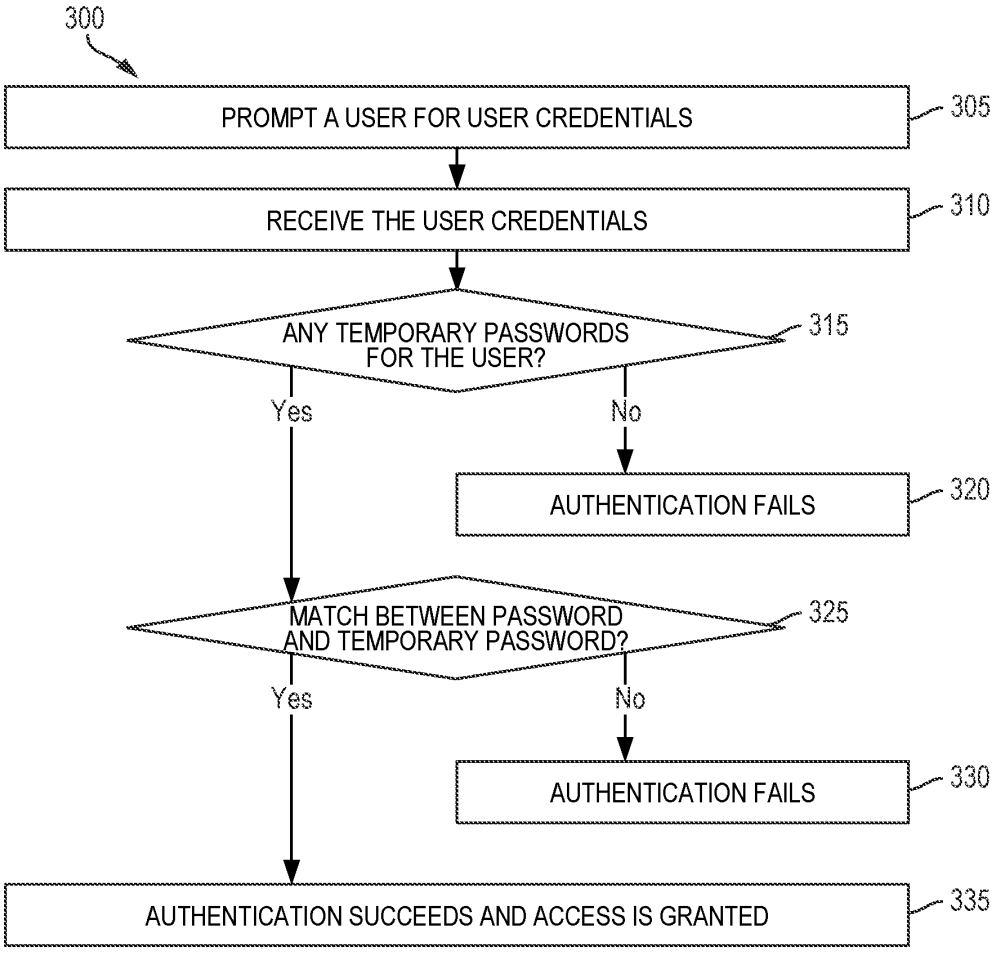

300
PROMPT A USER FOR USER CREDENTIALS
305
RECEIVE THE USER CREDENTIALS
310
ANY TEMPORARY PASSWORDS FOR THE USER?
315
Yes
No
AUTHENTICATION FAILS
320
MATCH BETWEEN PASSWORD AND TEMPORARY PASSWORD?
325
Yes
No
AUTHENTICATION FAILS
330
AUTHENTICATION SUCCEEDS AND ACCESS IS GRANTED
335

FIG. 3

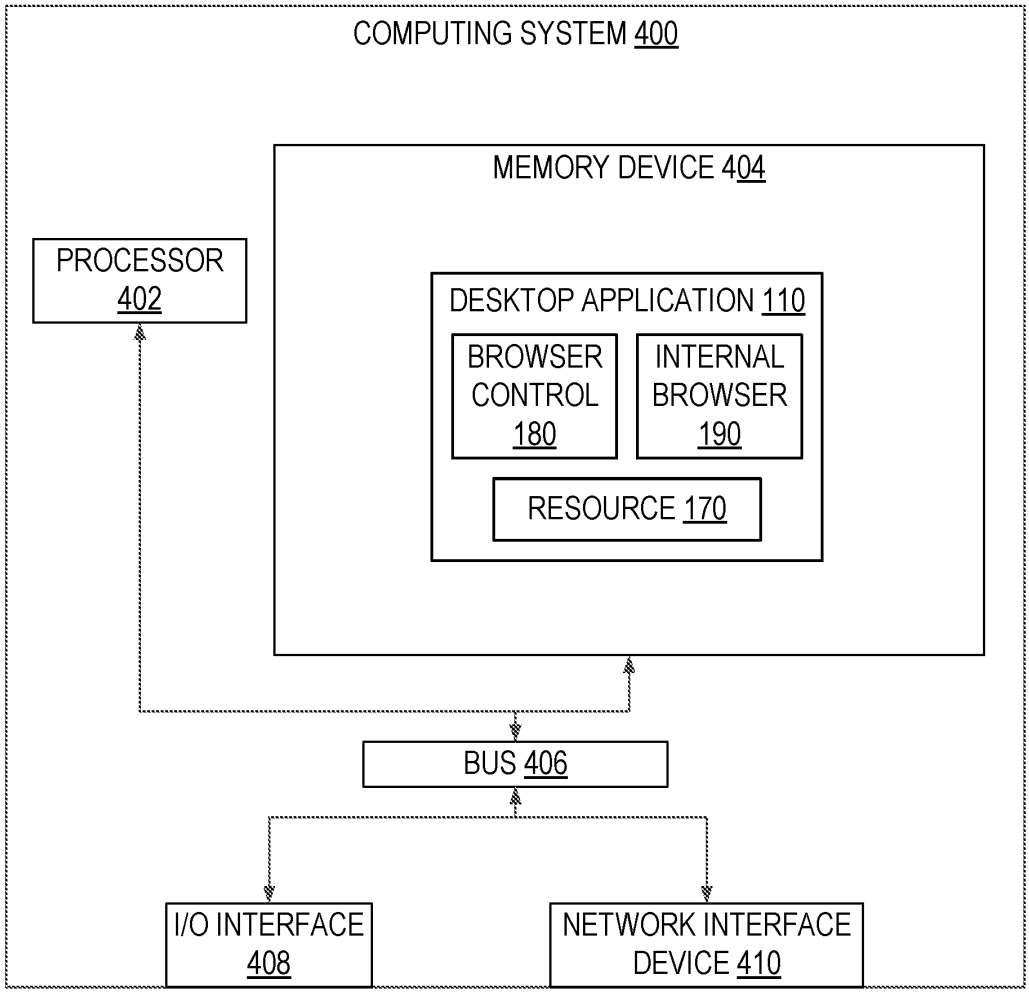

COMPUTING SYSTEM 400
MEMORY DEVICE 404
PROCESSOR 402
DESKTOP APPLICATION 110
BROWSER CONTROL 180
INTERNAL BROWSER 190
RESOURCE 170
BUS 406
I/O INTERFACE 408
NETWORK INTERFACE DEVICE 410

FIG. 4