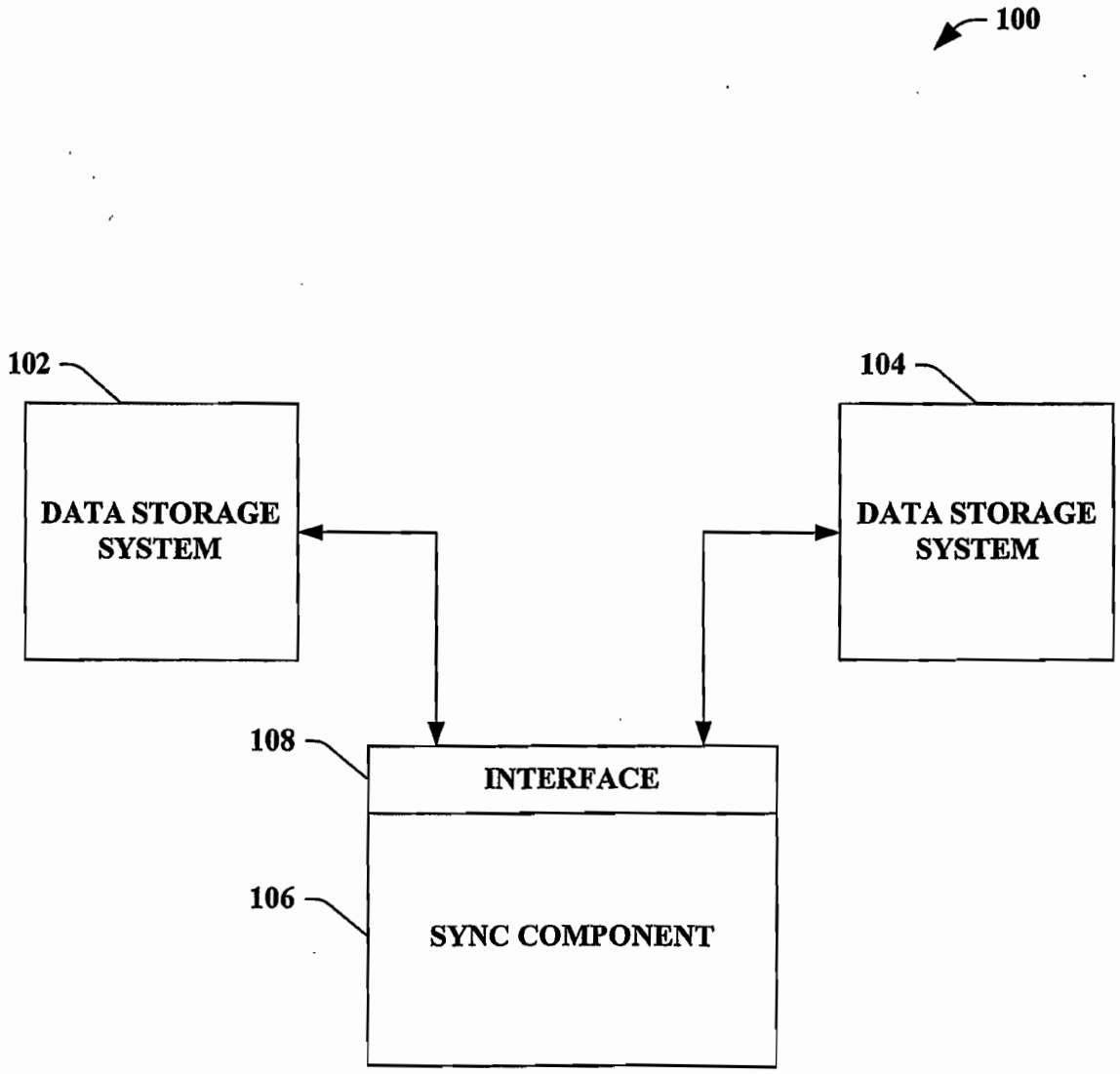

100
102
DATA STORAGE SYSTEM
104
DATA STORAGE SYSTEM
108
INTERFACE
106
SYNC COMPONENT

FIG. 1

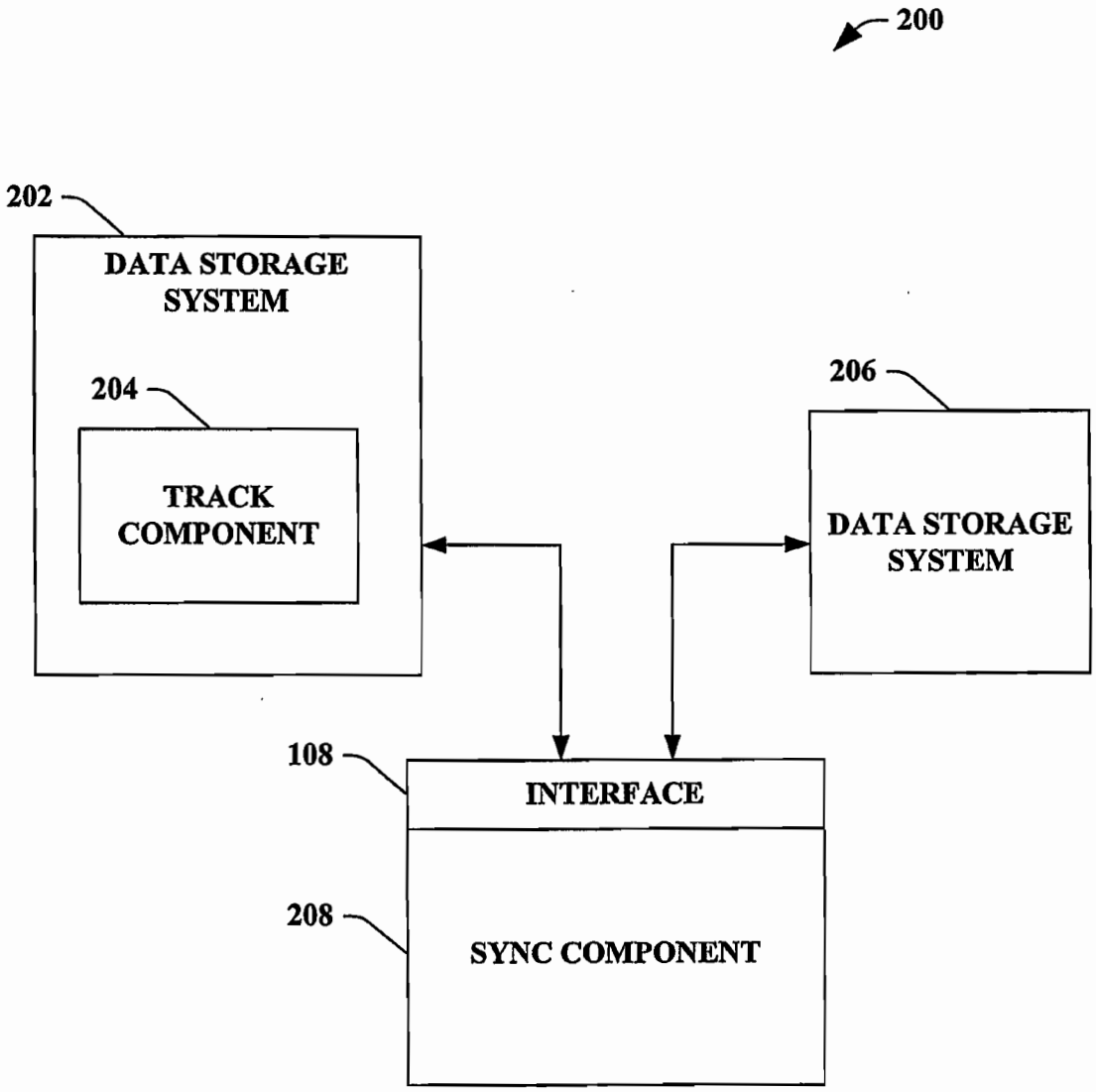

200
202
DATA STORAGE SYSTEM
204
TRACK COMPONENT
206
DATA STORAGE SYSTEM
108
INTERFACE
208
SYNC COMPONENT

FIG. 2

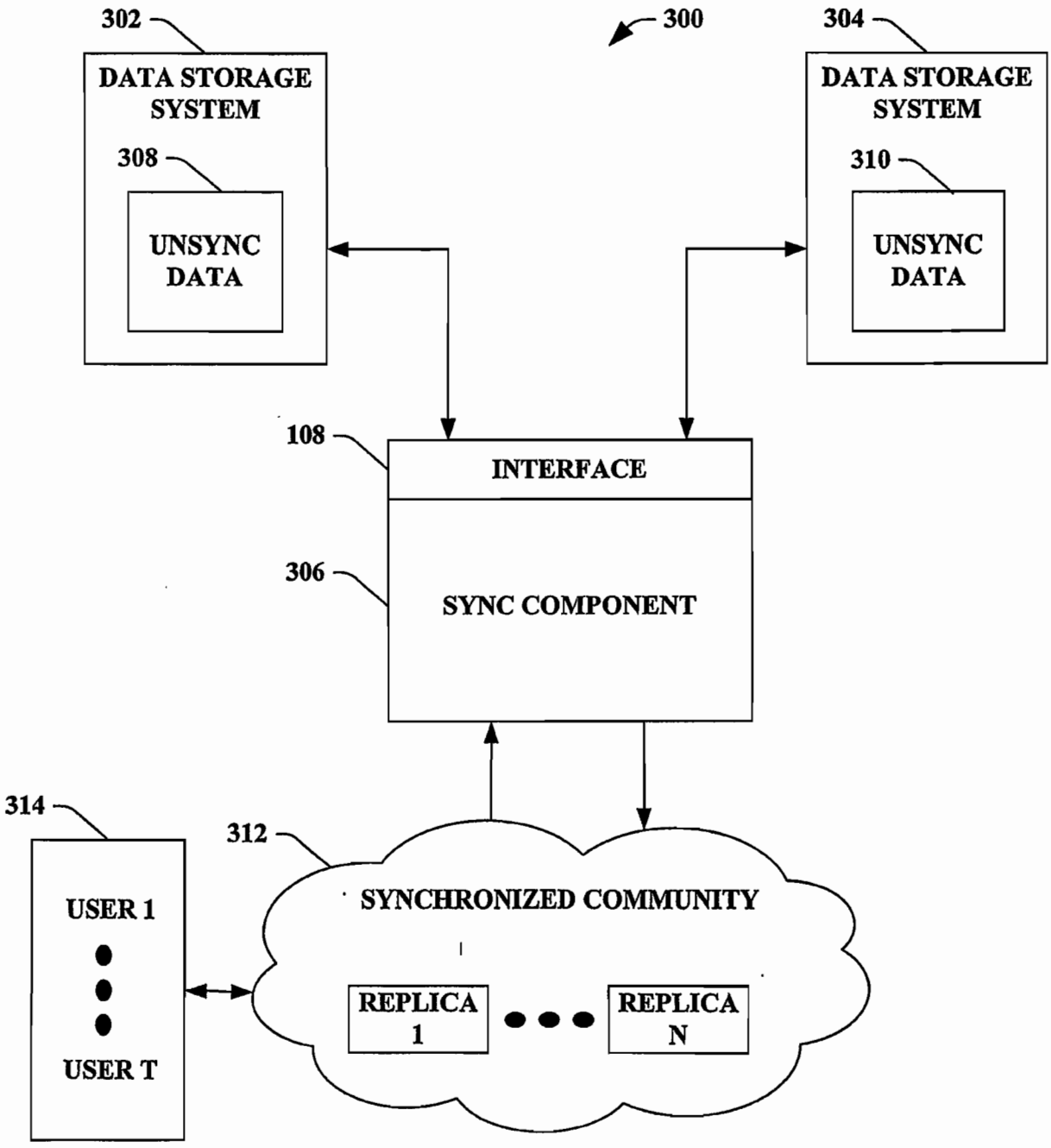

302
300
304
DATA STORAGE SYSTEM
308
UNSYNC DATA
DATA STORAGE SYSTEM
310
UNSYNC DATA
108
INTERFACE
306
SYNC COMPONENT
314
312
USER 1
USER T
SYNCHRONIZED COMMUNITY
REPLICA 1
REPLICA N

FIG. 3

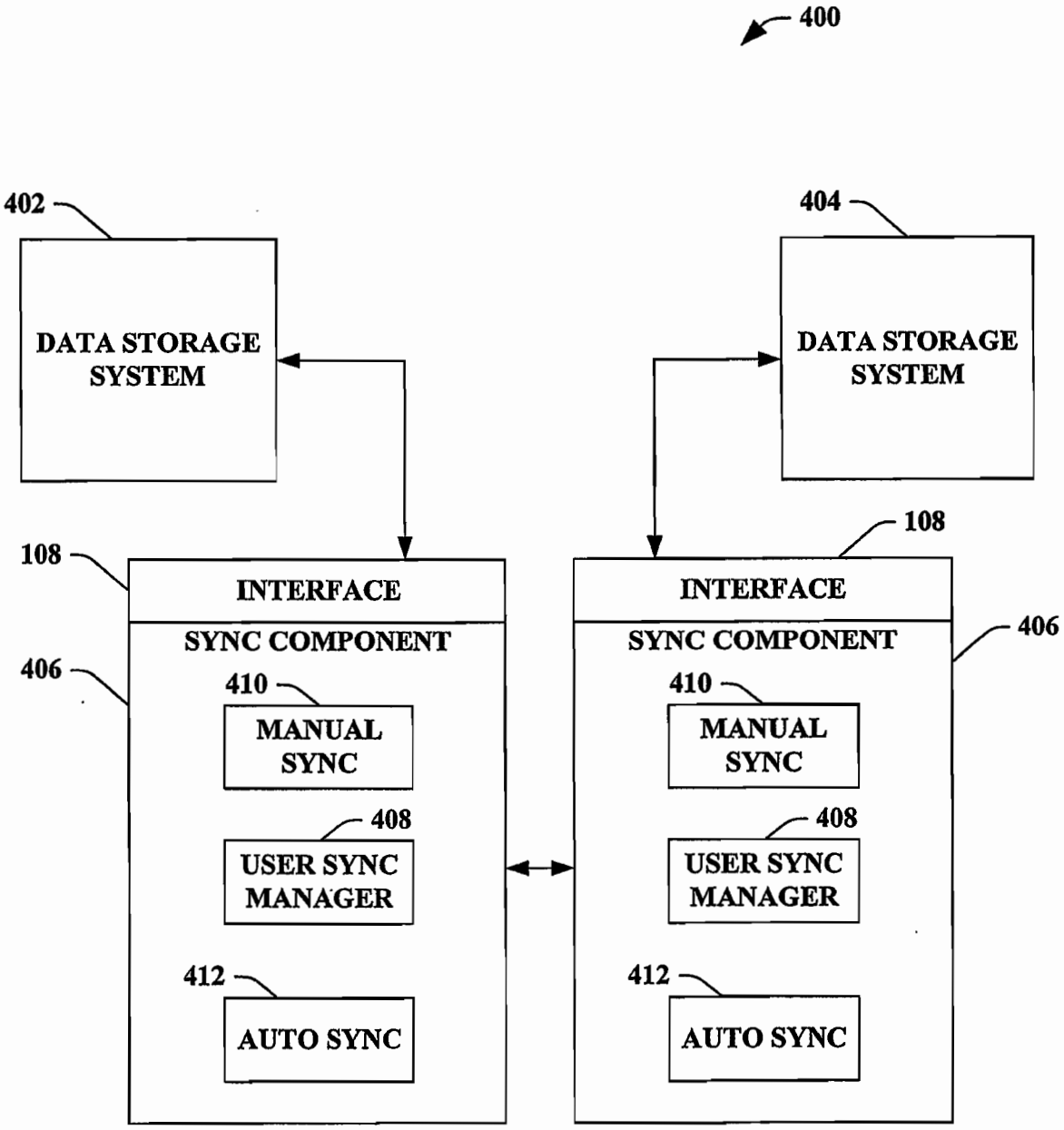

400
402
DATA STORAGE SYSTEM
404
DATA STORAGE SYSTEM
108
INTERFACE
SYNC COMPONENT
406
410
MANUAL SYNC
408
USER SYNC MANAGER
412
AUTO SYNC
108
INTERFACE
SYNC COMPONENT
406
410
MANUAL SYNC
408
USER SYNC MANAGER
412
AUTO SYNC

FIG. 4

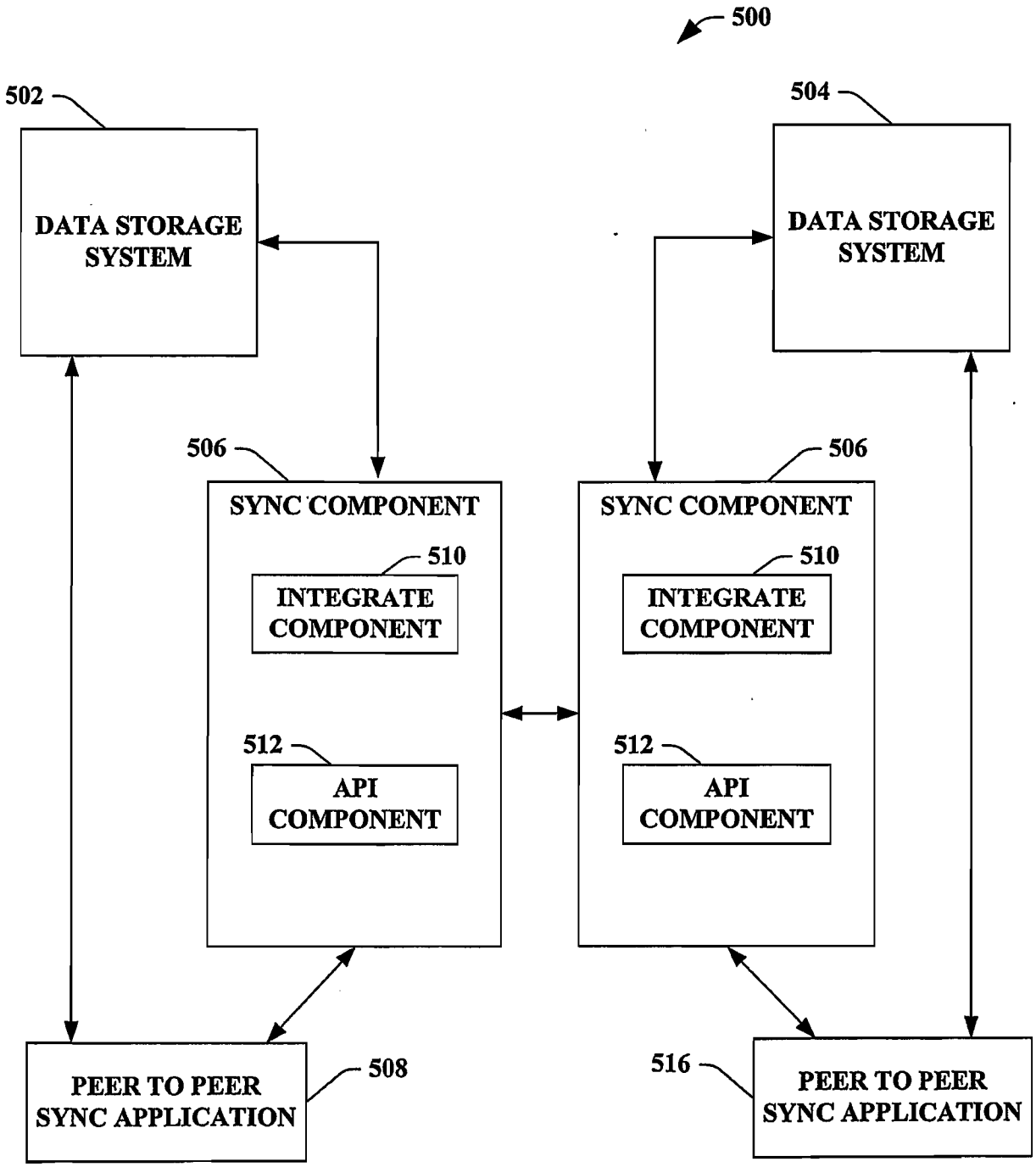

500
502
DATA STORAGE SYSTEM
504
DATA STORAGE SYSTEM
506
SYNC COMPONENT
510
INTEGRATE COMPONENT
512
API COMPONENT
506
SYNC COMPONENT
510
INTEGRATE COMPONENT
512
API COMPONENT
PEER TO PEER SYNC APPLICATION
508
516
PEER TO PEER SYNC APPLICATION

FIG. 5

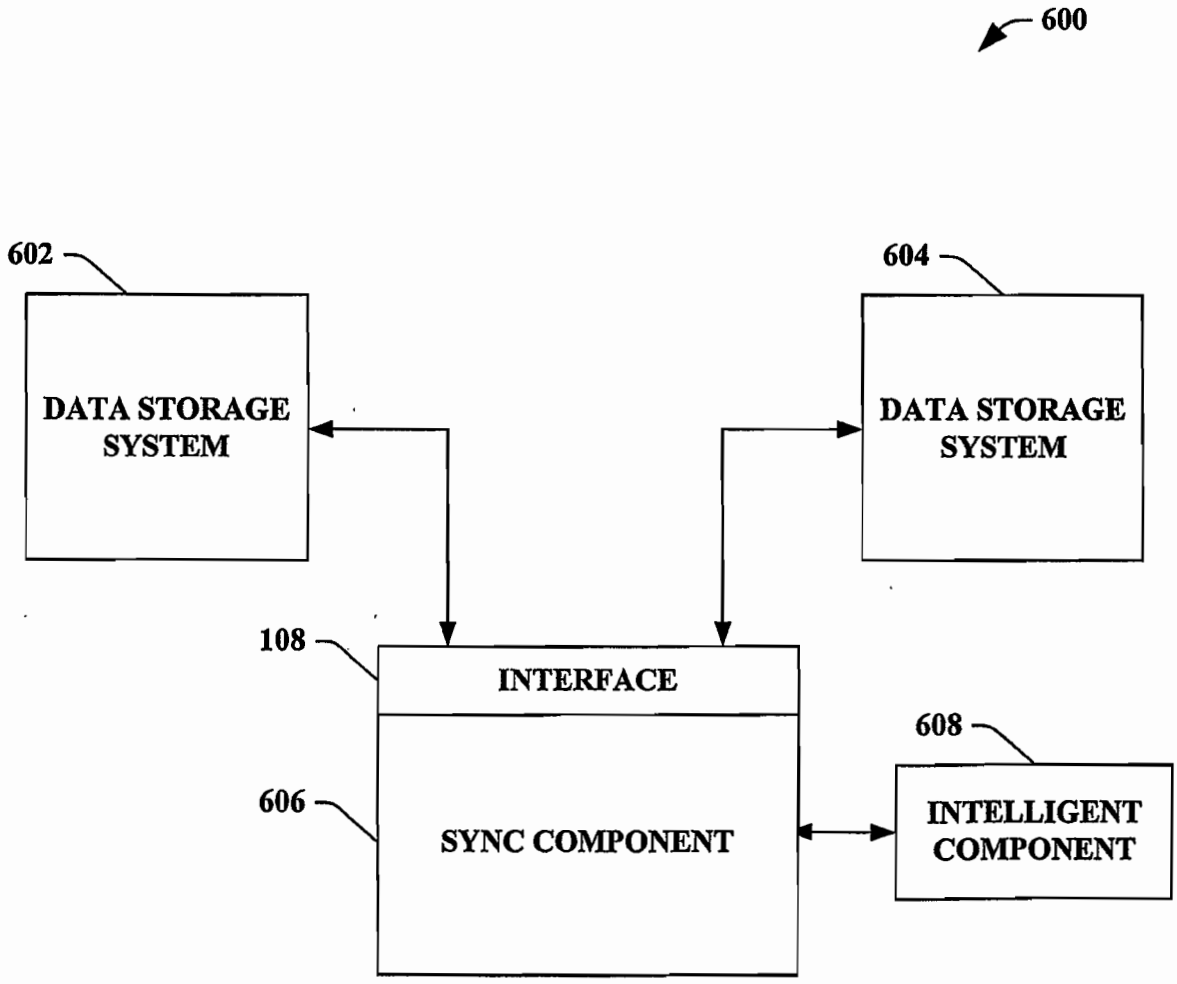

600
602
DATA STORAGE SYSTEM
604
DATA STORAGE SYSTEM
108
INTERFACE
606
SYNC COMPONENT
608
INTELLIGENT COMPONENT

FIG. 6

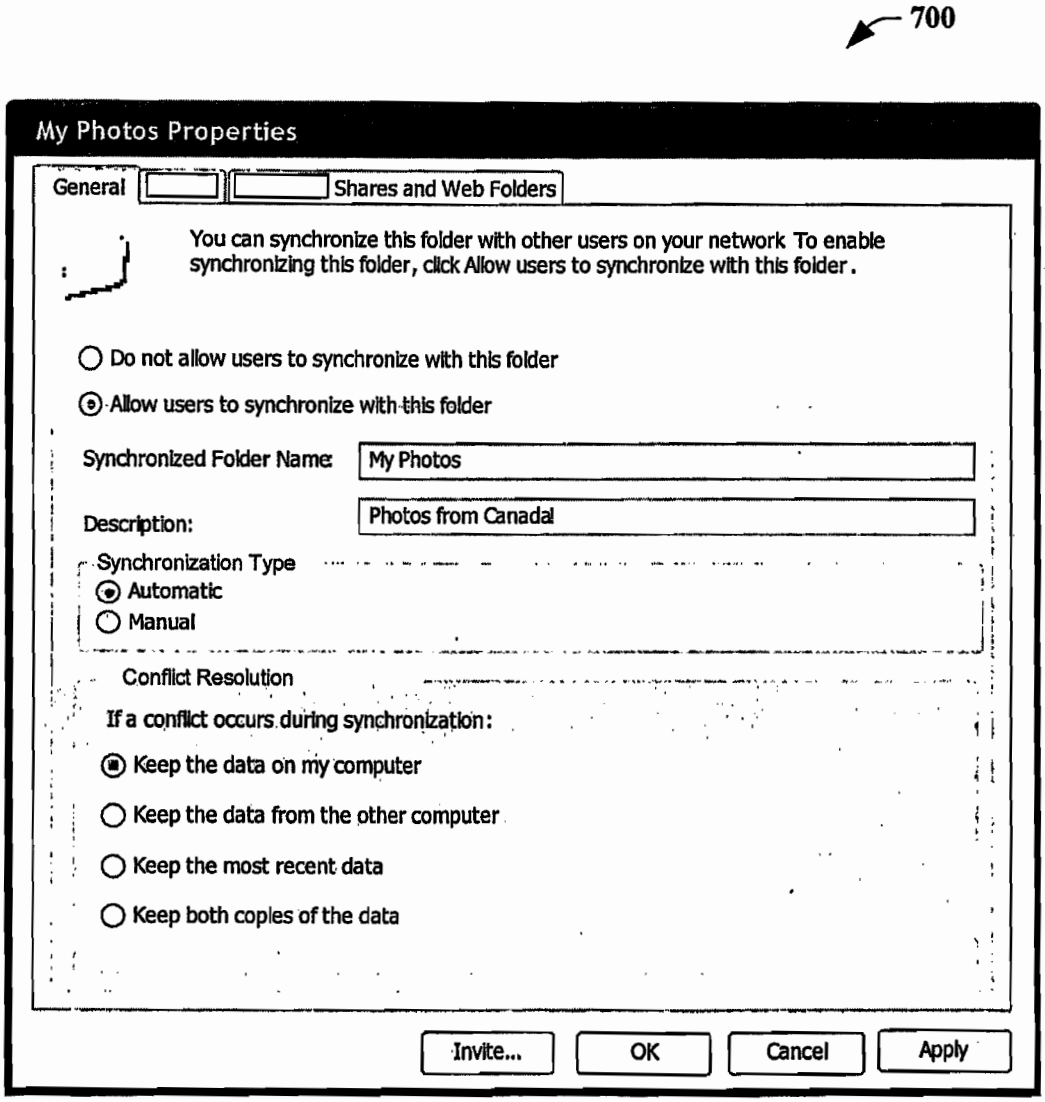
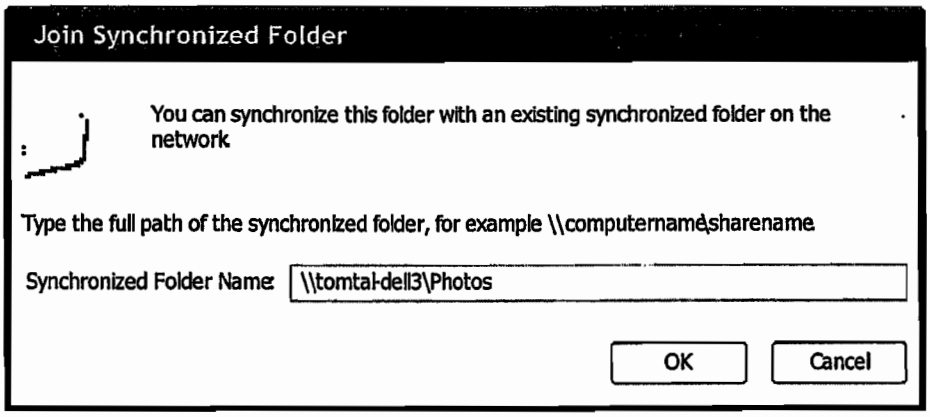

700
My Photos Properties
General
Shares and Web Folders
You can synchronize this folder with other users on your network To enable synchronizing this folder, click Allow users to synchronize with this folder.
Do not allow users to synchronize with this folder
Allow users to synchronize with this folder
Synchronized Folder Name:
My Photos
Description:
Photos from Canada!
Synchronization Type
Automatic
Manual
Conflict Resolution
If a conflict occurs during synchronization:
Keep the data on my computer
Keep the data from the other computer
Keep the most recent data
Keep both copies of the data
Invite...
OK
Cancel
Apply

FIG. 7

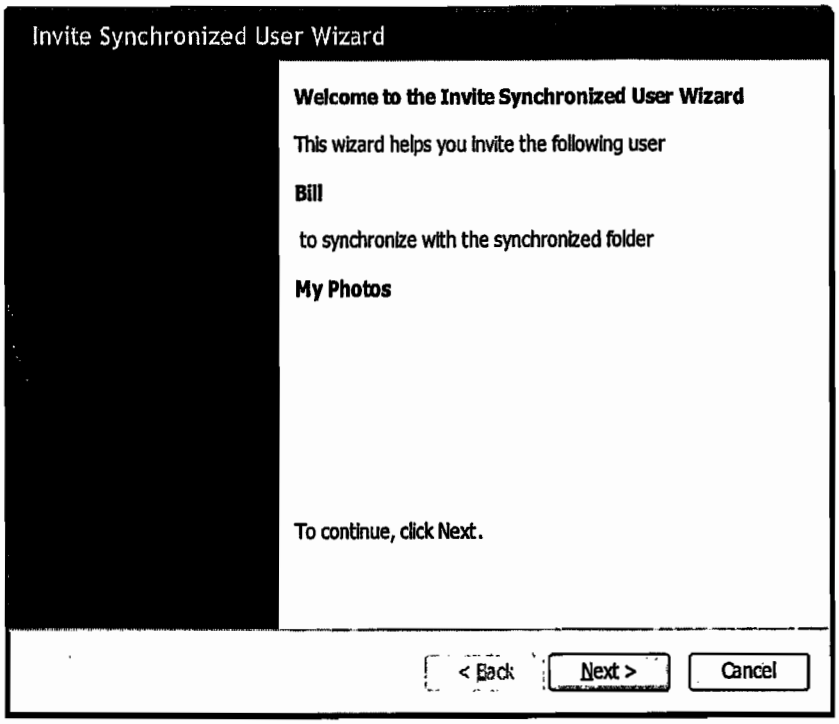
800


Join Synchronized Folder
You can synchronize this folder with an existing synchronized folder on the network
Type the full path of the synchronized folder, for example \\computername\sharename
Synchronized Folder Name:
\\tomtal-dell3\Photos
OK
Cancel

810


Join Synchronized Folder
The My Photos folder has been joined to the Photos synchronized folder, and to the other folders that synchronize with it.
You have been assigned the following permission for these synchronized folders:
Manager
Click Manage to manage this synchronized folder.
Manage...
OK

FIG. 8


Invite Synchronized User Wizard
Welcome to the Invite Synchronized User Wizard
This wizard helps you invite the following user
Bill
to synchronize with the synchronized folder
My Photos
To continue, click Next.
< Back
Next >
Cancel
900

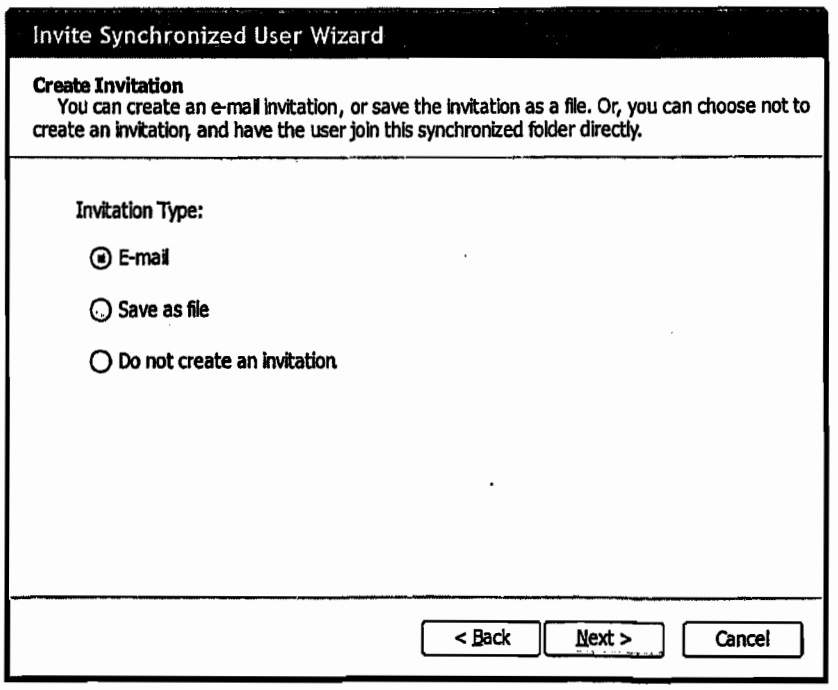

Invite Synchronized User Wizard
Create Invitation
You can create an e-mail invitation, or save the invitation as a file. Or, you can choose not to create an invitation, and have the user join this synchronized folder directly.
Invitation Type:
E-mail
Save as file
Do not create an invitation
< Back
Next >
Cancel
910

FIG. 9

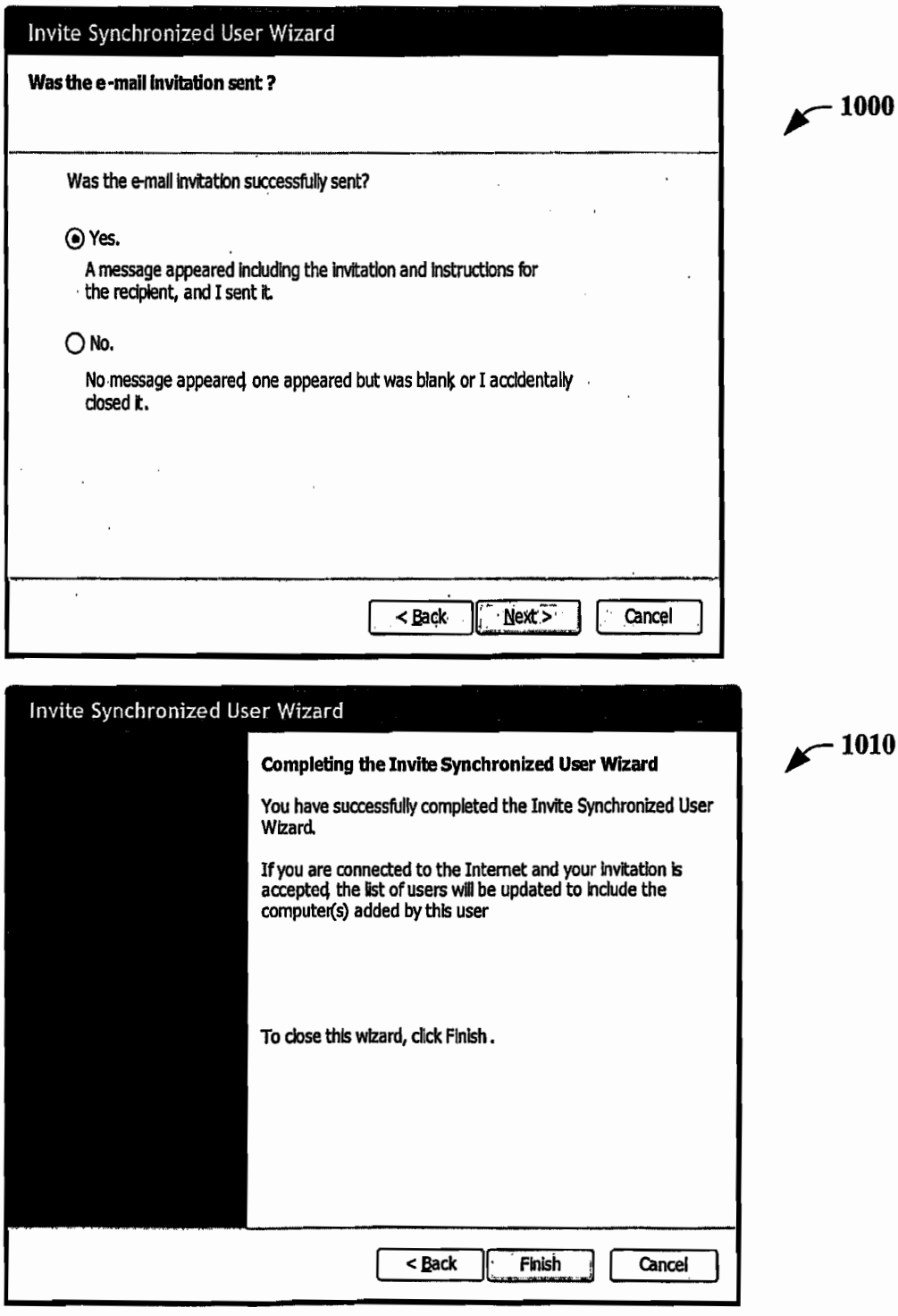

Invite Synchronized User Wizard
Was the e-mail invitation sent ?
Was the e-mail invitation successfully sent?
Yes.
A message appeared including the invitation and instructions for the recipient, and I sent it.
No.
No message appeared, one appeared but was blank, or I accidentally closed it.
< Back
Next >
Cancel
1000
Invite Synchronized User Wizard
Completing the Invite Synchronized User Wizard
You have successfully completed the Invite Synchronized User Wizard.
If you are connected to the Internet and your invitation is accepted, the list of users will be updated to include the computer(s) added by this user
To close this wizard, click Finish.
< Back
Finish
Cancel
1010

FIG. 10

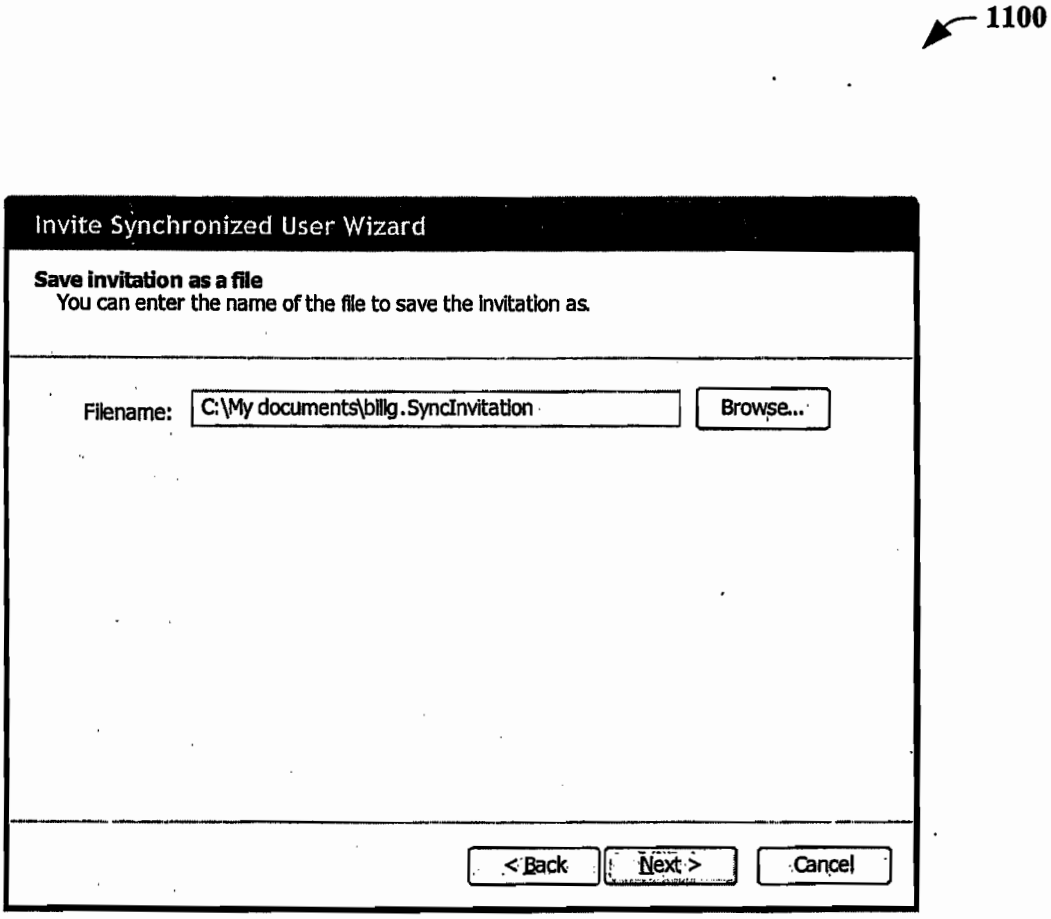

1100
Invite Synchronized User Wizard
Save invitation as a file
You can enter the name of the file to save the invitation as.
Filename:
C:\My documents\bllg.SyncInvitation
Browse...
< Back
Next >
Cancel

FIG. 11

1200

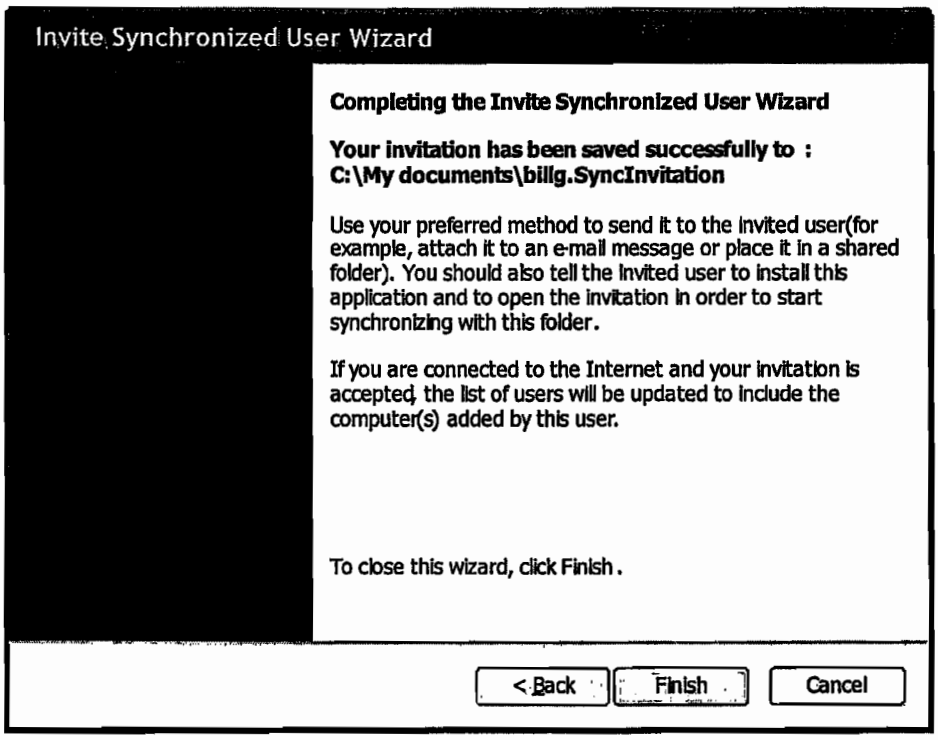

Invite Synchronized User Wizard
Completing the Invite Synchronized User Wizard
Your invitation has been saved successfully to :
C:\My documents\billg.SyncInvitation
Use your preferred method to send it to the invited user(for example, attach it to an e-mail message or place it in a shared folder). You should also tell the invited user to install this application and to open the invitation in order to start synchronizing with this folder.
If you are connected to the Internet and your invitation is accepted, the list of users will be updated to include the computer(s) added by this user.
To close this wizard, click Finish.
< Back
Finish
Cancel

FIG. 12

1300

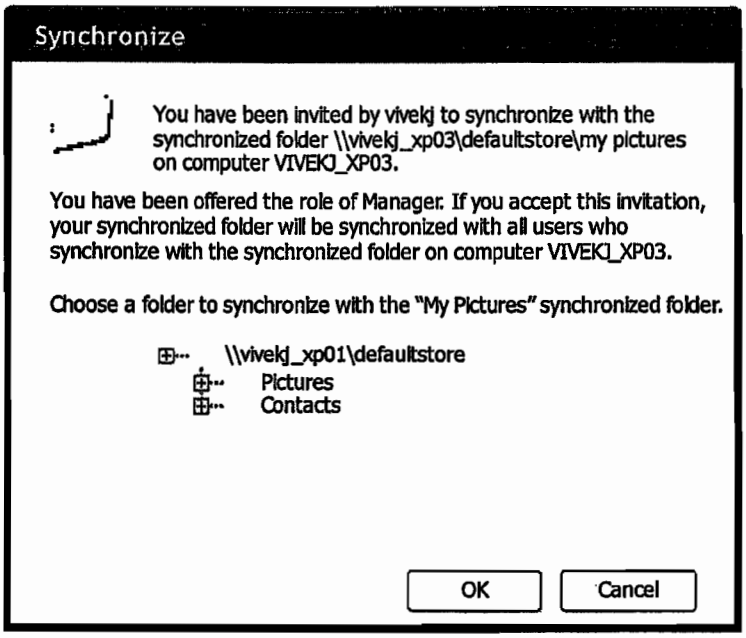

Synchronize
You have been invited by vivekj to synchronize with the synchronized folder \\vivekj_xp03\defaultstore\my pictures on computer VIVEKJ_XP03.
You have been offered the role of Manager. If you accept this invitation, your synchronized folder will be synchronized with all users who synchronize with the synchronized folder on computer VIVEKJ_XP03.
Choose a folder to synchronize with the "My Pictures" synchronized folder.
\\vivekj_xp01\defaultstore
Pictures
Contacts
OK
Cancel

FIG. 13

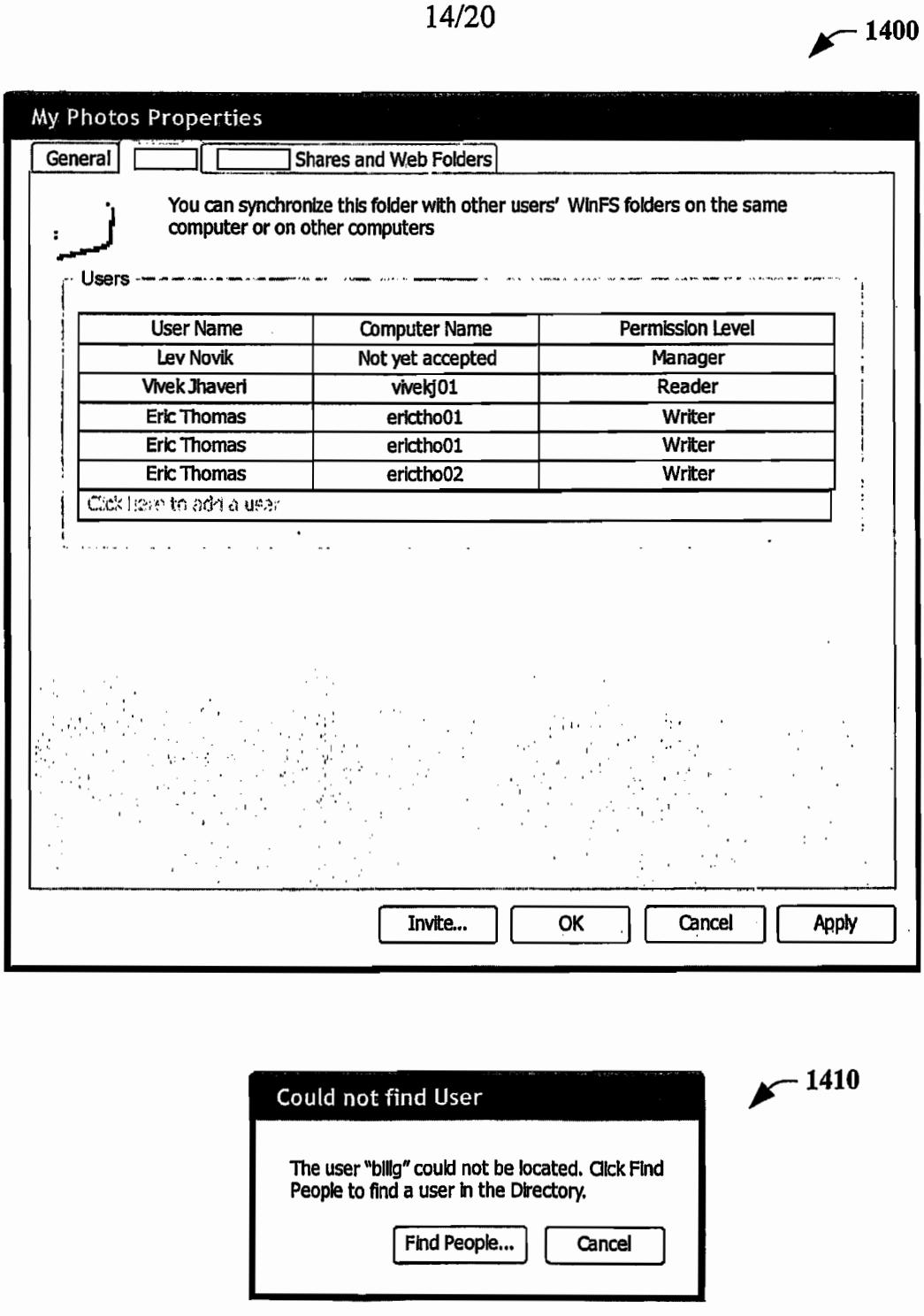

1400
My Photos Properties
General
Shares and Web Folders
You can synchronize this folder with other users' WinFS folders on the same computer or on other computers
Users
User Name
Computer Name
Permission Level
Lev Novik
Not yet accepted
Manager
Vivek Jhaveri
vivekj01
Reader
Eric Thomas
erictho01
Writer
Eric Thomas
erictho01
Writer
Eric Thomas
erictho02
Writer
Click here to add a user
Invite...
OK
Cancel
Apply
1410
Could not find User
The user "billg" could not be located. Click Find People to find a user in the Directory.
Find People...
Cancel

FIG. 14

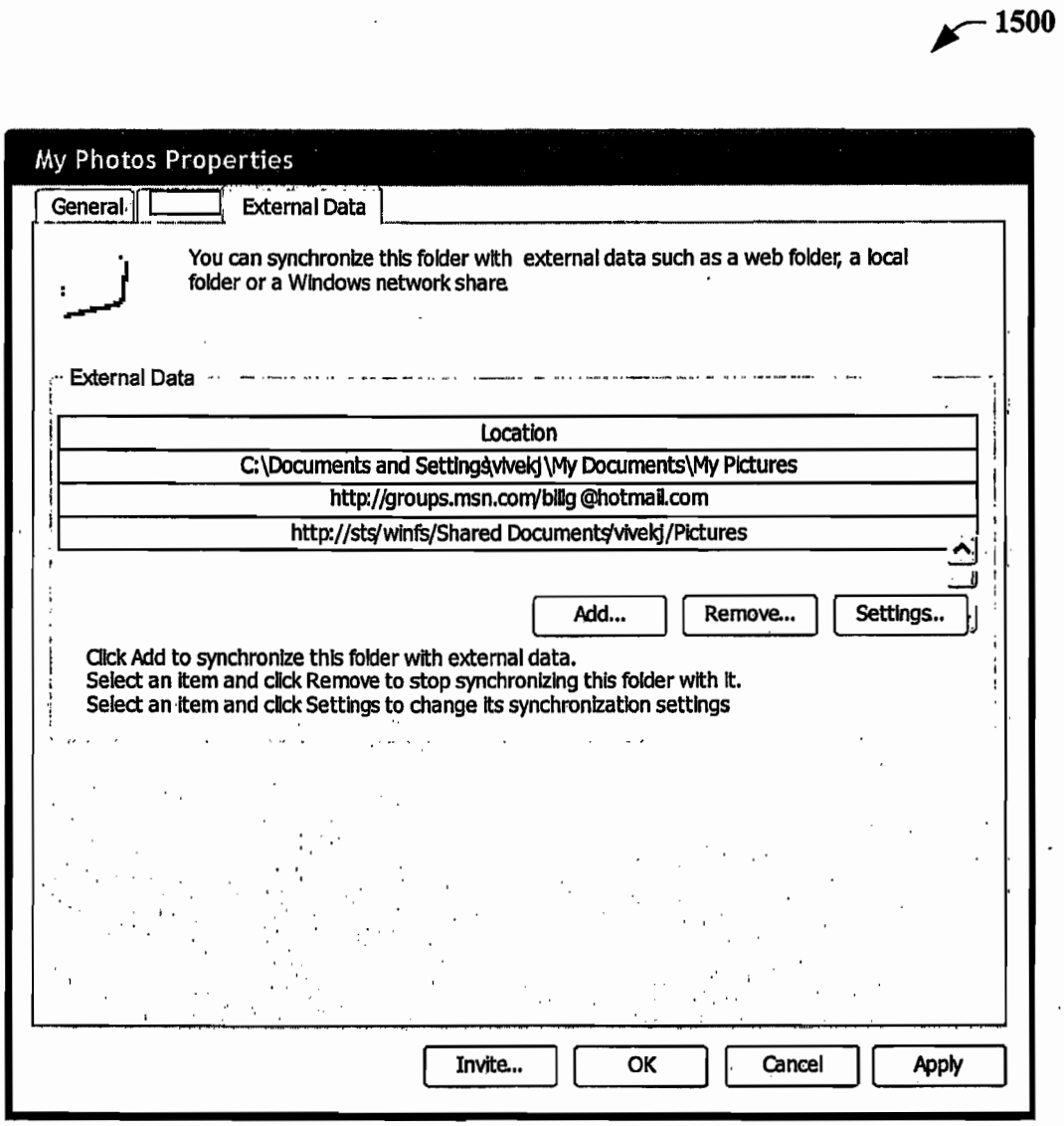

1500
My Photos Properties
General
External Data
You can synchronize this folder with external data such as a web folder, a local folder or a Windows network share
External Data
Location
C:\Documents and Settings\vivekj\My Documents\My Pictures
http://groups.msn.com/billg@hotmail.com
http://sts/winfs/Shared Documents/vivekj/Pictures
Add...
Remove...
Settings..
Click Add to synchronize this folder with external data.
Select an item and click Remove to stop synchronizing this folder with it.
Select an item and click Settings to change its synchronization settings
Invite...
OK
Cancel
Apply

FIG. 15

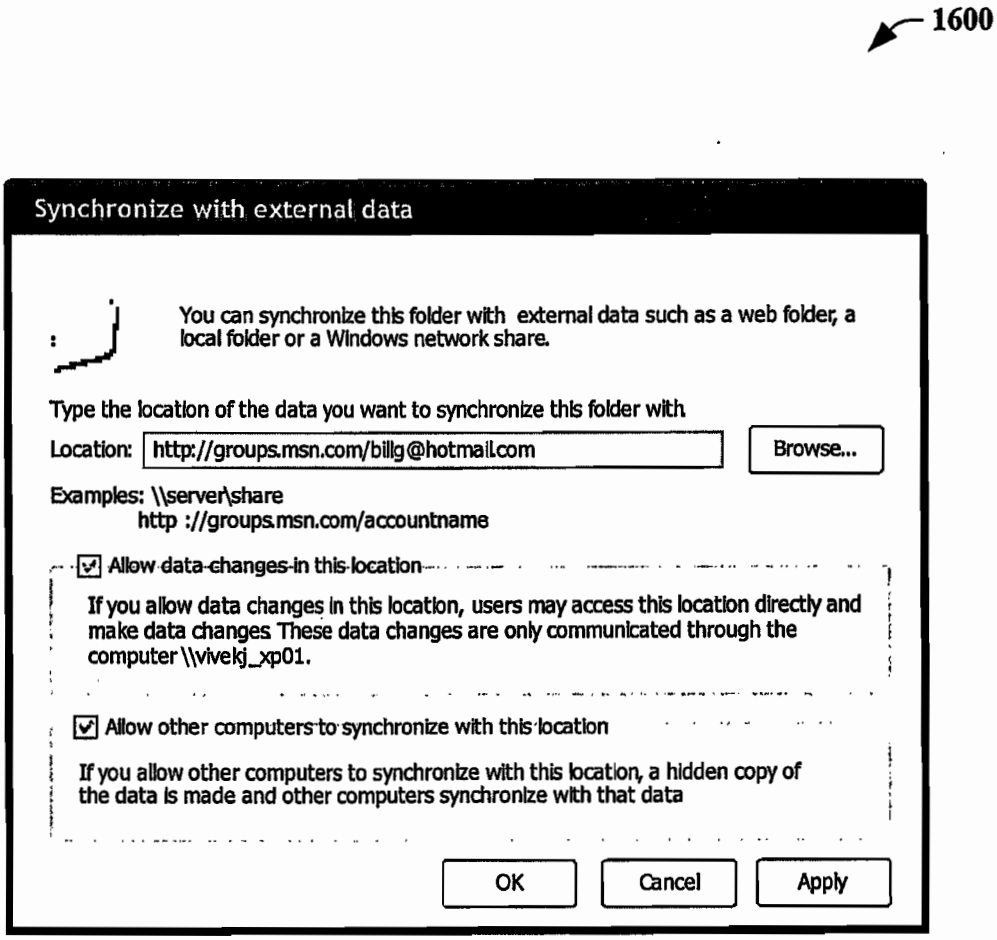

1600
Synchronize with external data
You can synchronize this folder with external data such as a web folder, a local folder or a Windows network share.
Type the location of the data you want to synchronize this folder with
Location: http://groups.msn.com/billg@hotmail.com
Browse...
Examples: \\server\share
http ://groups.msn.com/accountname
Allow data changes in this location
If you allow data changes in this location, users may access this location directly and make data changes. These data changes are only communicated through the computer \\vivekj_xp01.
Allow other computers to synchronize with this location
If you allow other computers to synchronize with this location, a hidden copy of the data is made and other computers synchronize with that data
OK
Cancel
Apply

FIG. 16

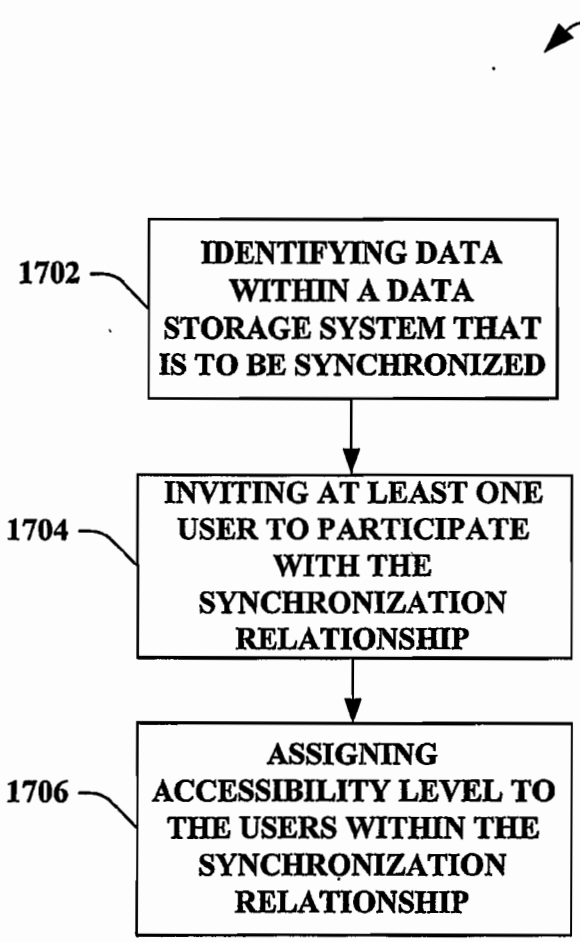

1700
1702
IDENTIFYING DATA WITHIN A DATA STORAGE SYSTEM THAT IS TO BE SYNCHRONIZED
1704
INVITING AT LEAST ONE USER TO PARTICIPATE WITH THE SYNCHRONIZATION RELATIONSHIP
1706
ASSIGNING ACCESSIBILITY LEVEL TO THE USERS WITHIN THE SYNCHRONIZATION RELATIONSHIP

FIG. 17

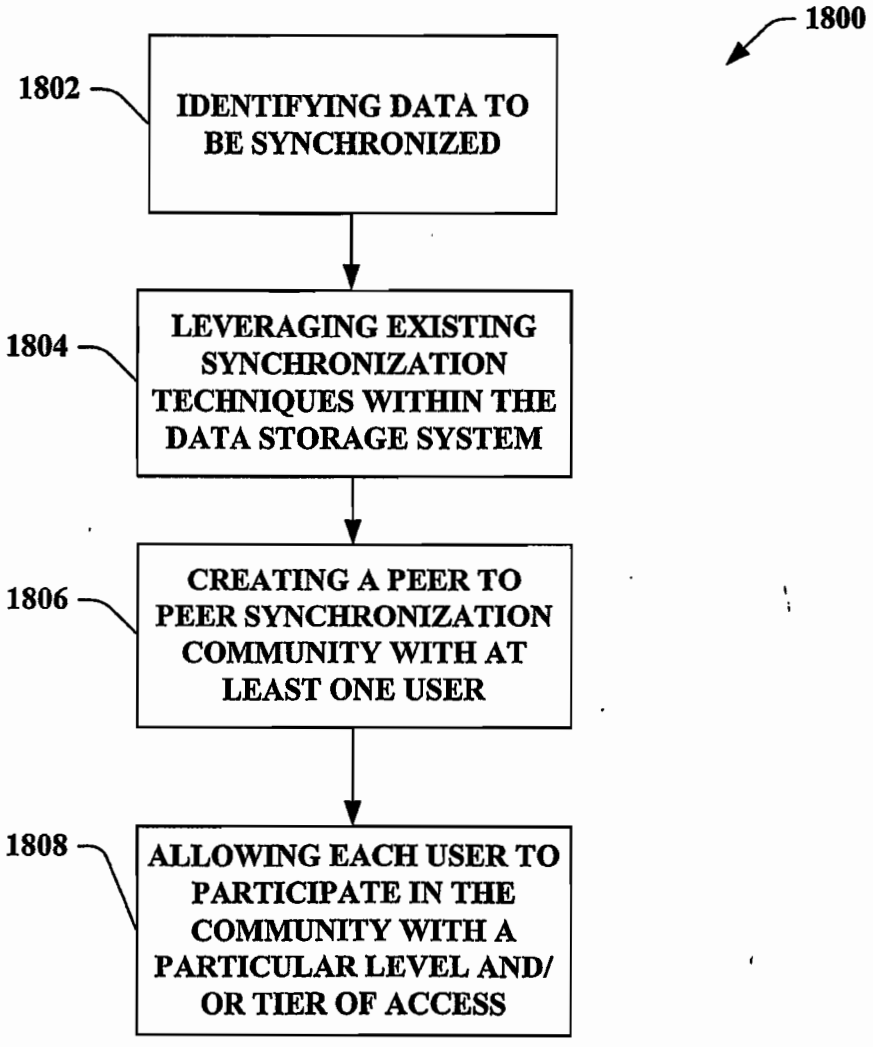

1800
1802
IDENTIFYING DATA TO BE SYNCHRONIZED
1804
LEVERAGING EXISTING SYNCHRONIZATION TECHNIQUES WITHIN THE DATA STORAGE SYSTEM
1806
CREATING A PEER TO PEER SYNCHRONIZATION COMMUNITY WITH AT LEAST ONE USER
1808
ALLOWING EACH USER TO PARTICIPATE IN THE COMMUNITY WITH A PARTICULAR LEVEL AND/ OR TIER OF ACCESS

FIG. 18

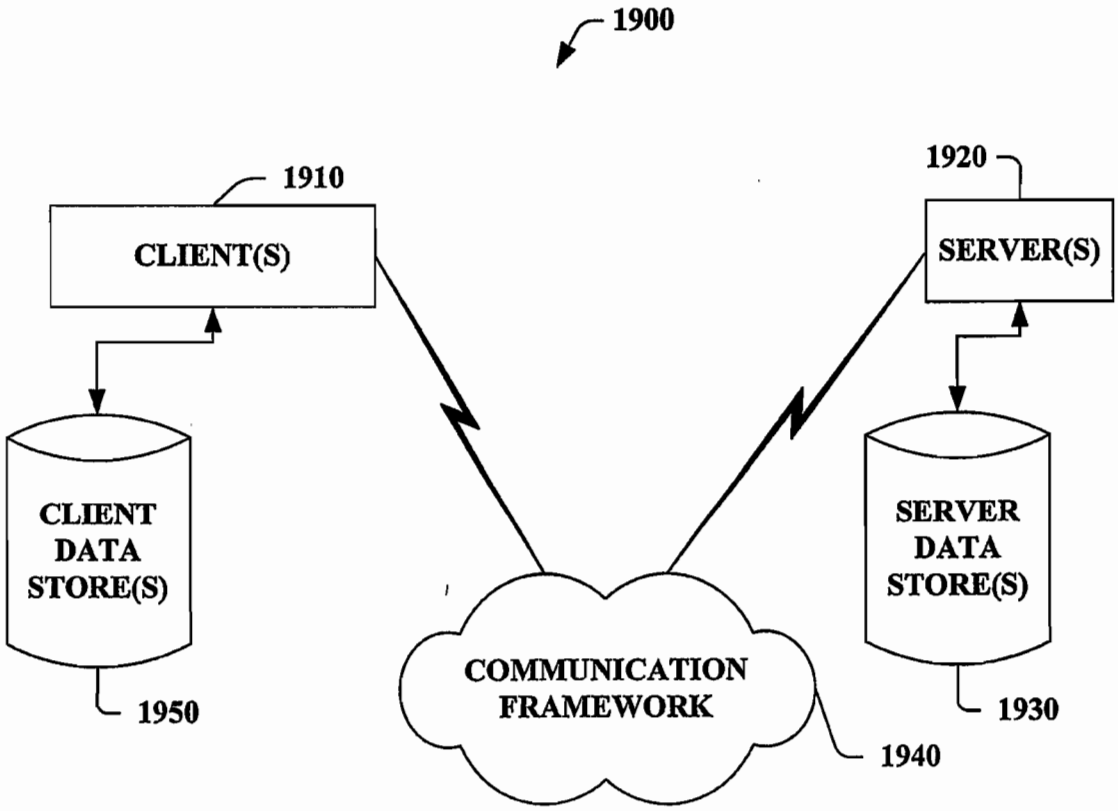

1900
1910
CLIENT(S)
1920
SERVER(S)
CLIENT DATA STORE(S)
1950
COMMUNICATION FRAMEWORK
1940
SERVER DATA STORE(S)
1930

FIG. 19

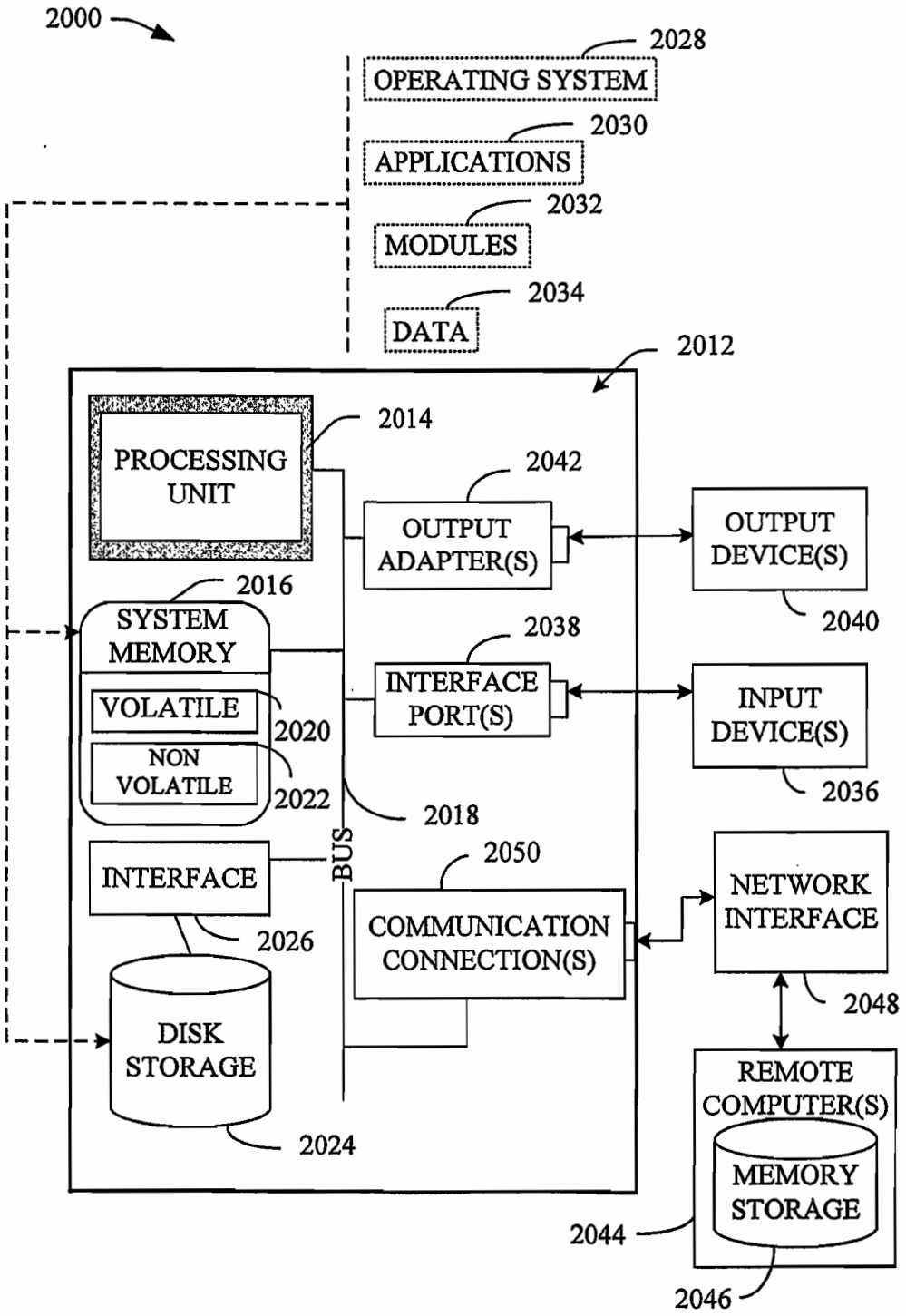

2000
2028
OPERATING SYSTEM
2030
APPLICATIONS
2032
MODULES
2034
DATA
2012
2014
PROCESSING UNIT
2042
OUTPUT ADAPTER(S)
OUTPUT DEVICE(S)
2040
2016
SYSTEM MEMORY
2038
INTERFACE PORT(S)
INPUT DEVICE(S)
2036
VOLATILE
2020
NON VOLATILE
2022
2018
BUS
INTERFACE
2026
2050
COMMUNICATION CONNECTION(S)
NETWORK INTERFACE
2048
DISK STORAGE
2024
REMOTE COMPUTER(S)
MEMORY STORAGE
2044
2046

FIG. 20