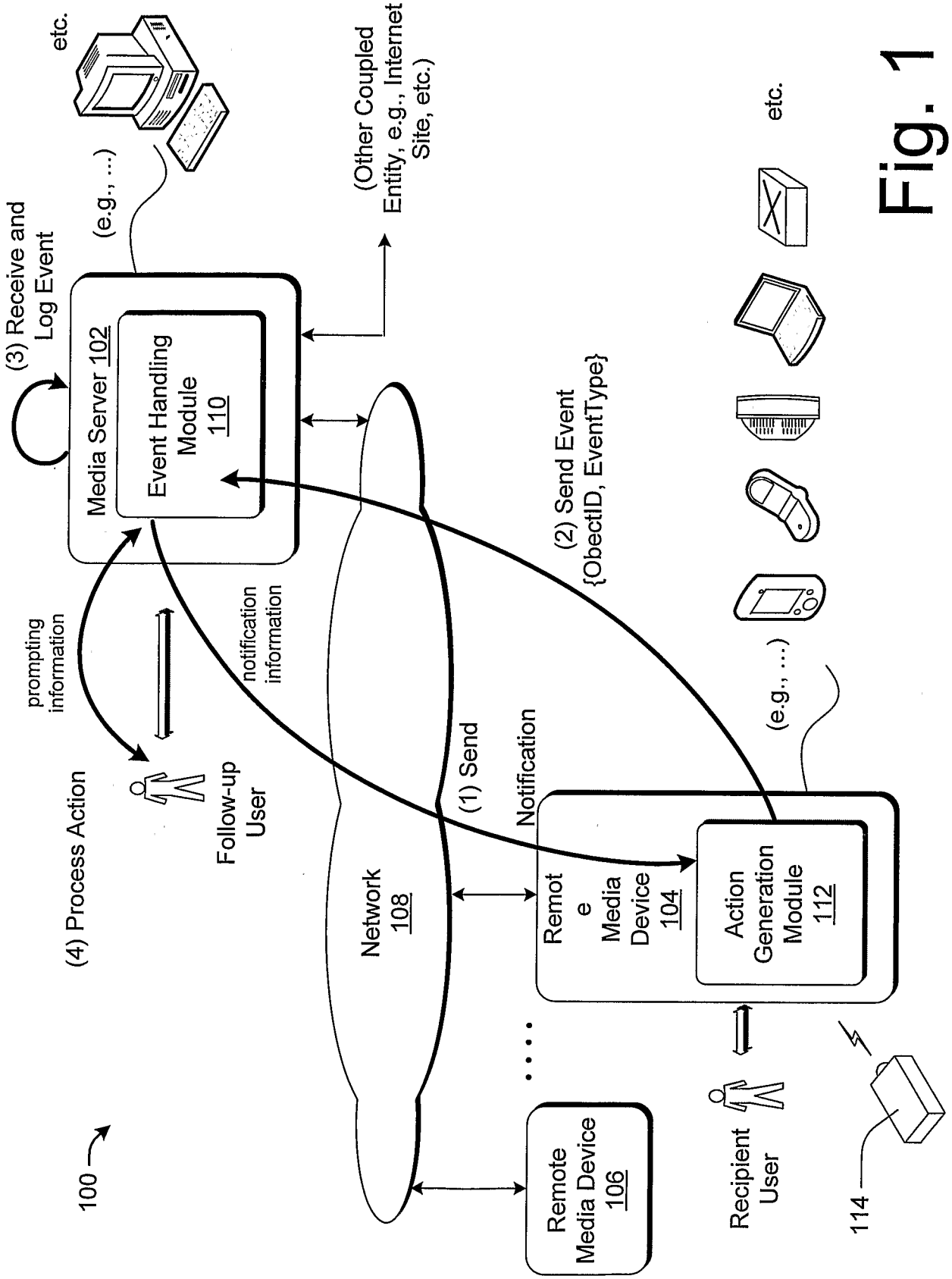

100
Media Server 102
Event Handling Module 110
(3) Receive and Log Event
(e.g., ...)
etc.
(Other Coupled Entity, e.g., Internet Site, etc.)
(2) Send Event {ObectID, EventType}
prompting information
notification information
(4) Process Action
Follow-up User
Network 108
(1) Send Notification
Remote Media Device 104
Action Generation Module 112
(e.g., ...)
etc.
Remote Media Device 106
Recipient User
114

Fig. 1

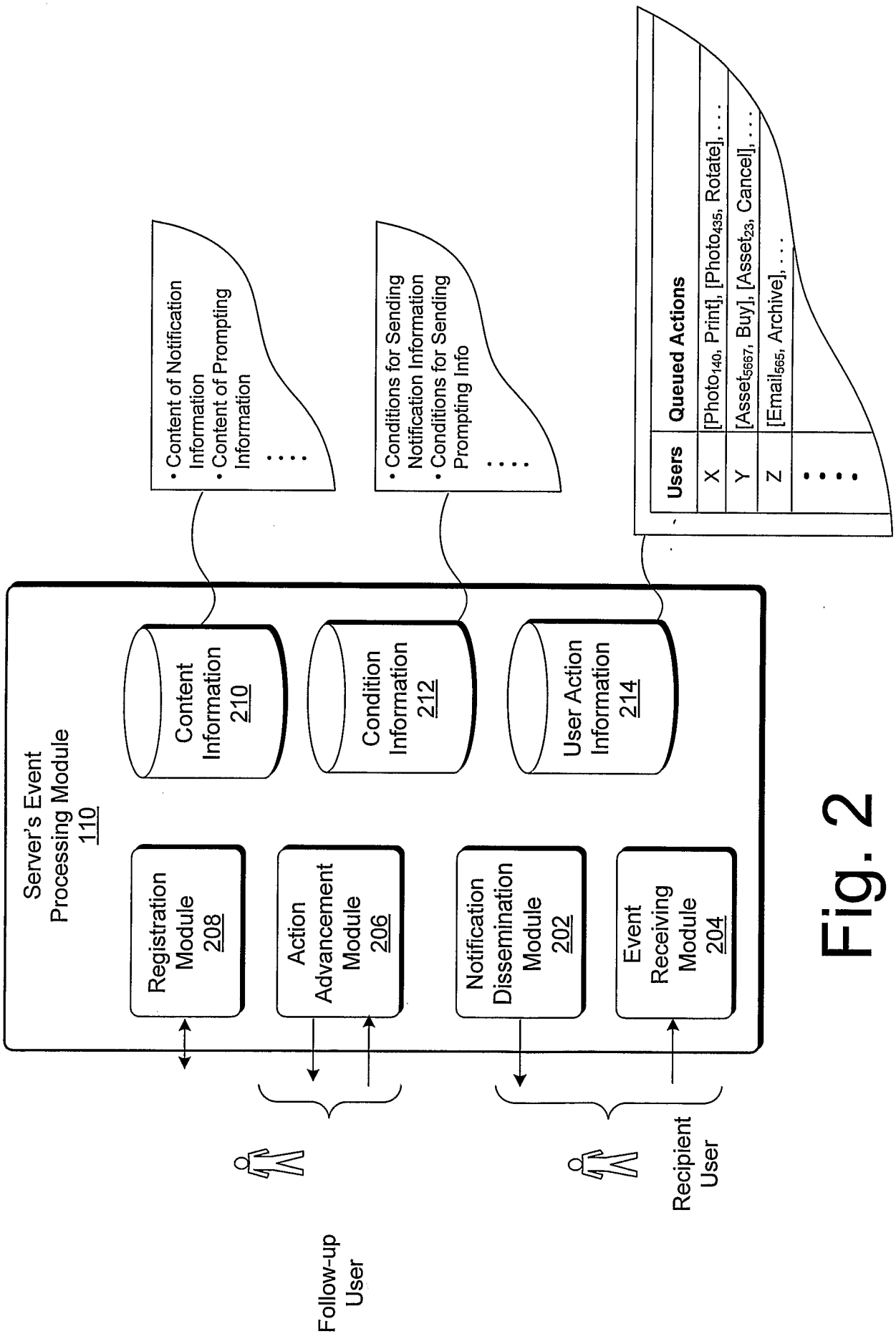

Server's Event Processing Module 110
Registration Module 208
Action Advancement Module 206
Notification Dissemination Module 202
Event Receiving Module 204
Content Information 210
Condition Information 212
User Action Information 214
• Content of Notification Information
• Content of Prompting Information
• Conditions for Sending Notification Information
• Conditions for Sending Prompting Info
Users
Queued Actions
X
[Photo140, Print], [Photo435, Rotate], . . .
Y
[Asset5667, Buy], [Asset23, Cancel], . . .
Z
[Email565, Archive], . . .
Follow-up User
Recipient User

Fig. 2

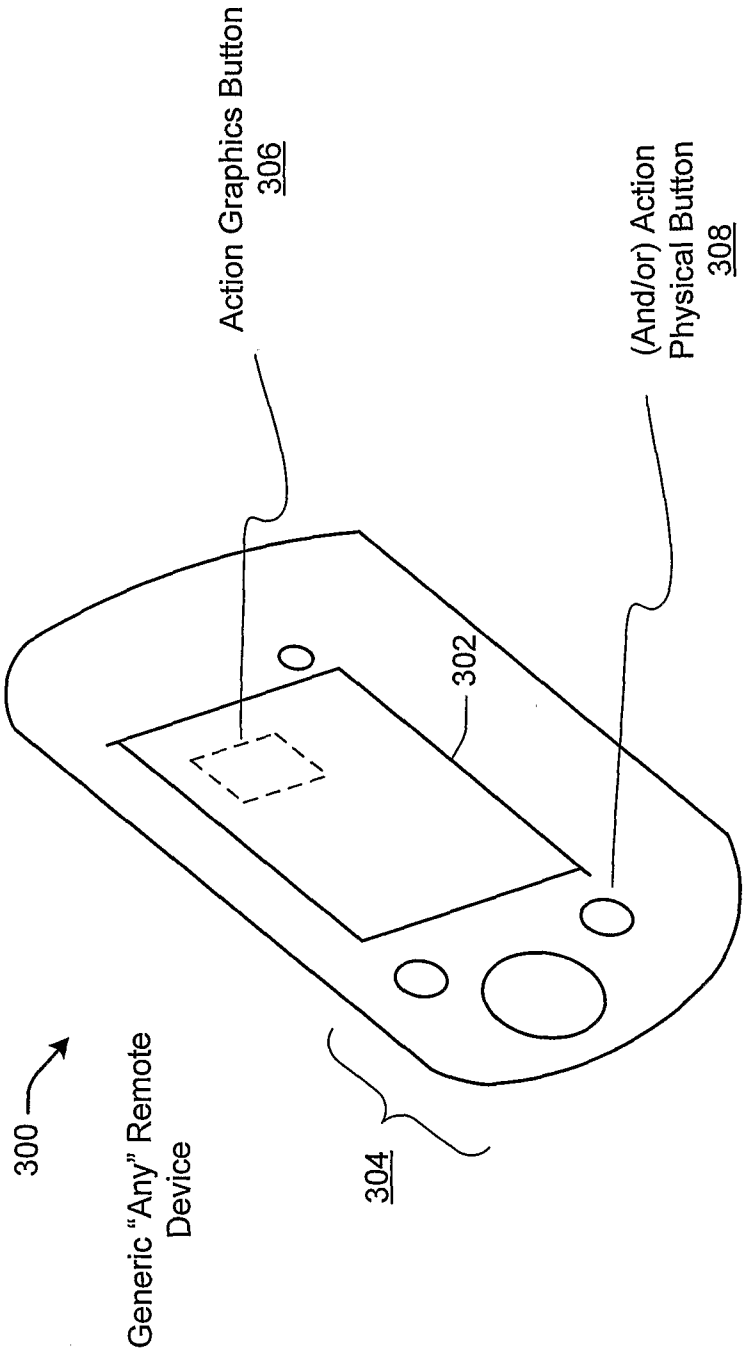

Action Graphics Button
306
(And/or) Action
Physical Button
308
302
304
300
Generic "Any" Remote
Device

Fig. 3

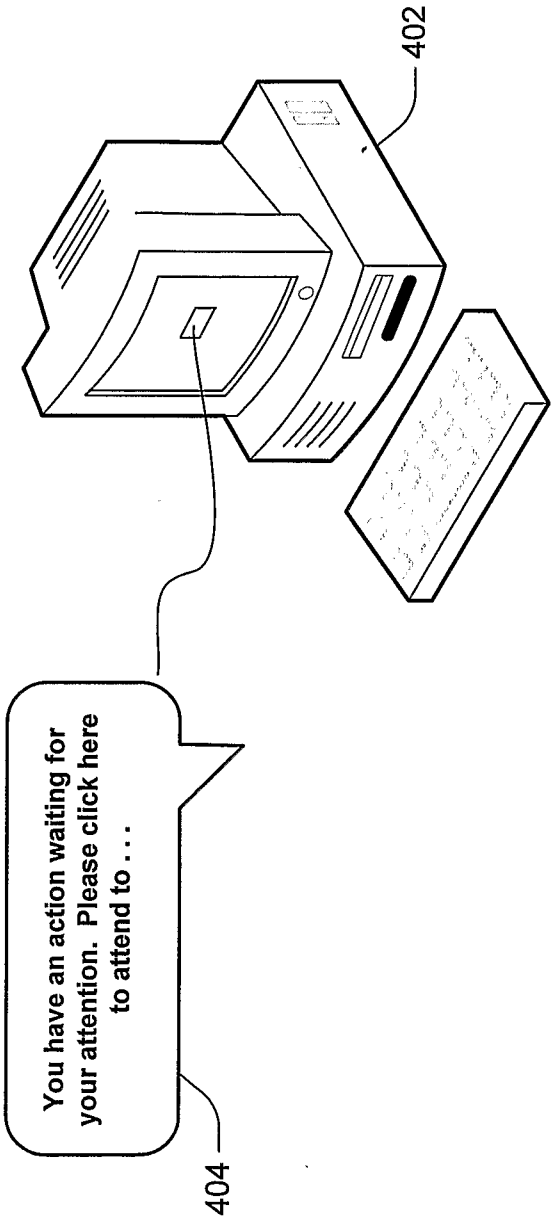

402
You have an action waiting for your attention. Please click here to attend to . . .
404

Fig. 4

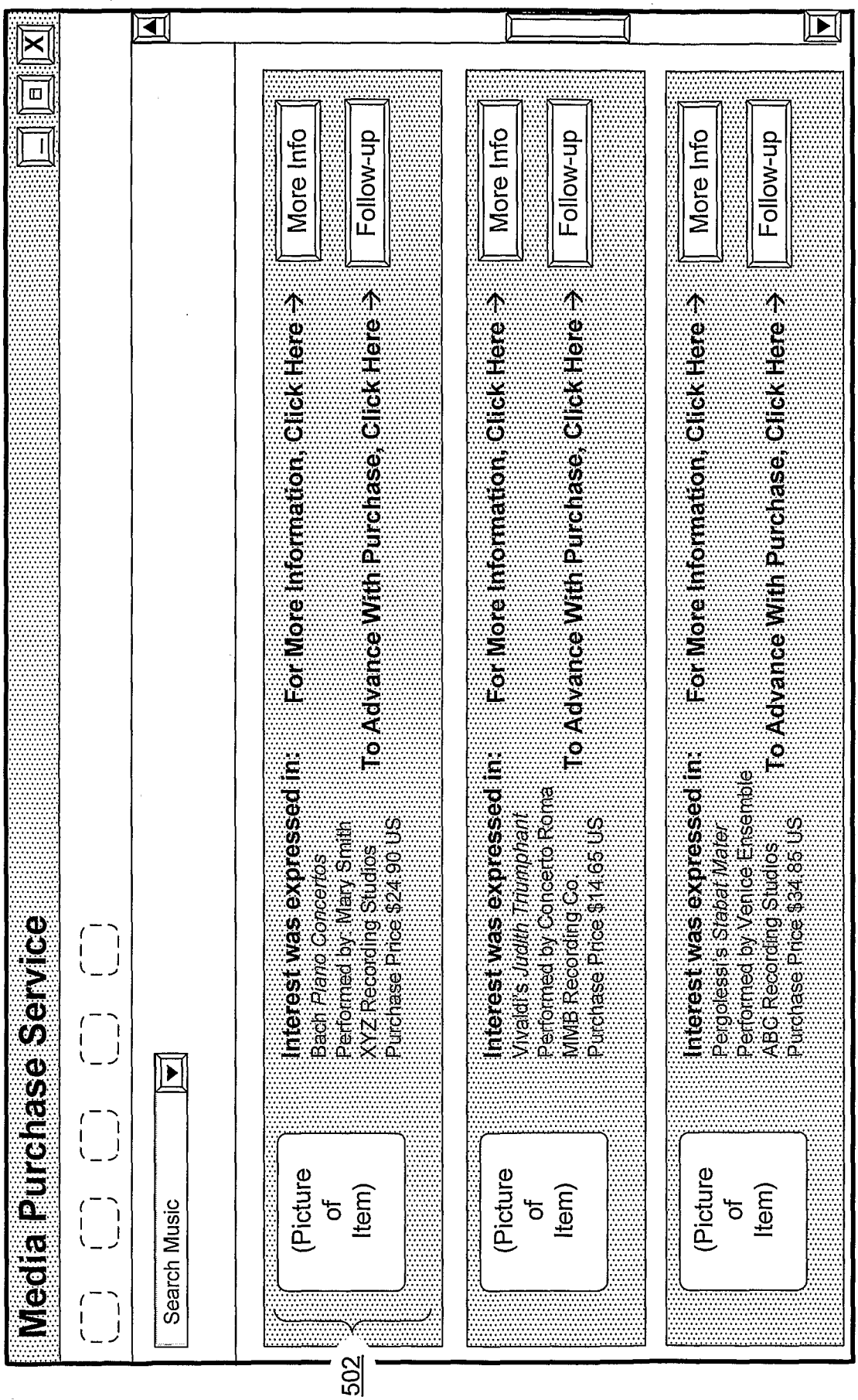

Media Purchase Service
Search Music
(Picture of Item)
Interest was expressed in: For More Information, Click Here →
Bach *Piano Concertos*
Performed by: Mary Smith
XYZ Recording Studios
Purchase Price $24.90 US
To Advance With Purchase, Click Here →
More Info
Follow-up
(Picture of Item)
Interest was expressed in: For More Information, Click Here →
Vivaldi's *Judith Triumphant*
Performed by Concerto Roma
MMB Recording Co.
Purchase Price $14.65 US
To Advance With Purchase, Click Here →
More Info
Follow-up
(Picture of Item)
Interest was expressed in: For More Information, Click Here →
Pergolesi's *Stabat Mater*
Performed by Venice Ensemble
ABC Recording Studios
Purchase Price $34.86 US
To Advance With Purchase, Click Here →
More Info
Follow-up
502
500

Fig. 5

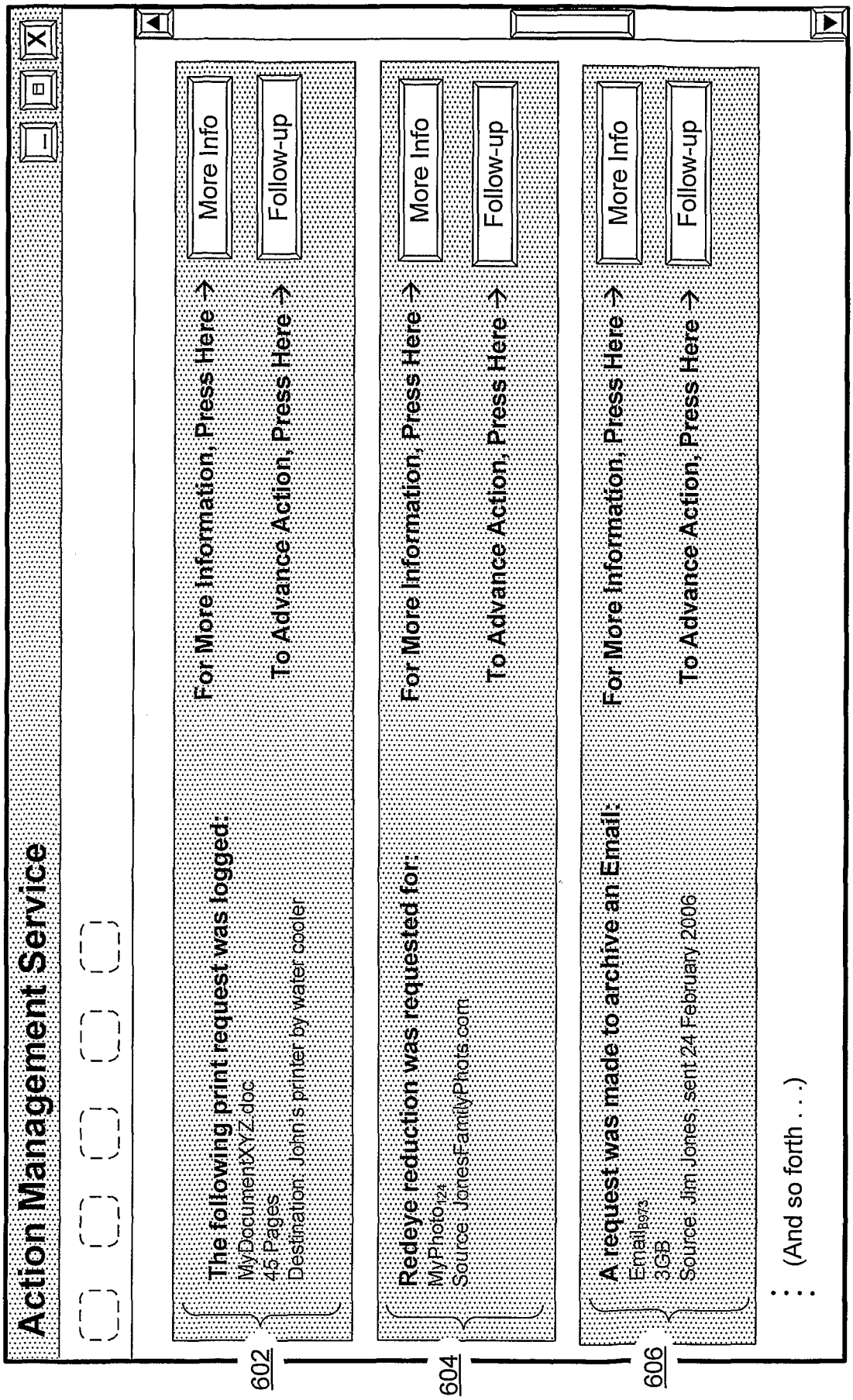

Action Management Service
The following print request was logged:
MyDocumentXYZ.doc
45 Pages
Destination: John's printer by water cooler
For More Information, Press Here →
To Advance Action, Press Here →
More Info
Follow-up
Redeye reduction was requested for:
MyPhoto1234
Source JonesFamilyPhots.com
For More Information, Press Here →
To Advance Action, Press Here →
More Info
Follow-up
A request was made to archive an Email:
Email8975
3GB
Source Jim Jones, sent 24 February 2006
For More Information, Press Here →
To Advance Action, Press Here →
More Info
Follow-up
(And so forth . . .)
602
604
606
600

Fig. 6

```
<actionList>
<action>
        <name>LogObjectEvent</name>
      <argumentList>
        <argument>
      <name>ObjectID</name>
          <direction>in</direction>
          <relatedStateVariable>A_ARG_TYPE_OBJECTID</relatedStateVariable>
      </argument>
        <argument>
      <name>EventType</name>
          <direction>in</direction>
          <relatedStateVariable>A_ARG_TYPE_EVENTTYPE</relatedStateVariable>
      </argument>
        </argumentList>
    </action>
    <actionList>
    <stateVariable sendEvents="no">
        <name> A_ARG_TYPE_OBJECTID </name>
        <dataType>string</dataType>
    </stateVariable>
        <stateVariable sendEvents="no">
        <name> A_ARG_TYPE_EVENTTYPE </name>
        <dataType>string</dataType>
    </stateVariable
```

Fig. 7

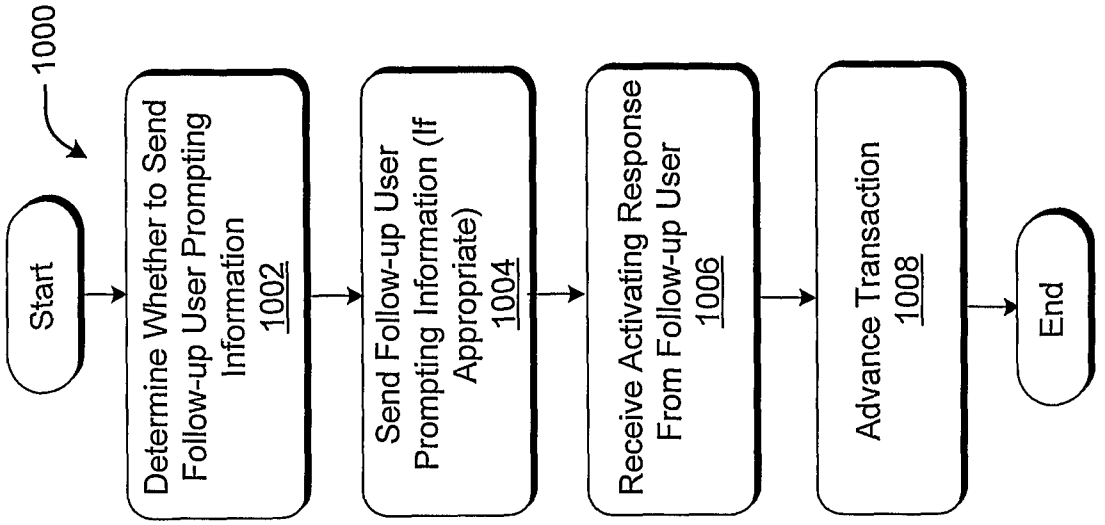


Fig. 10

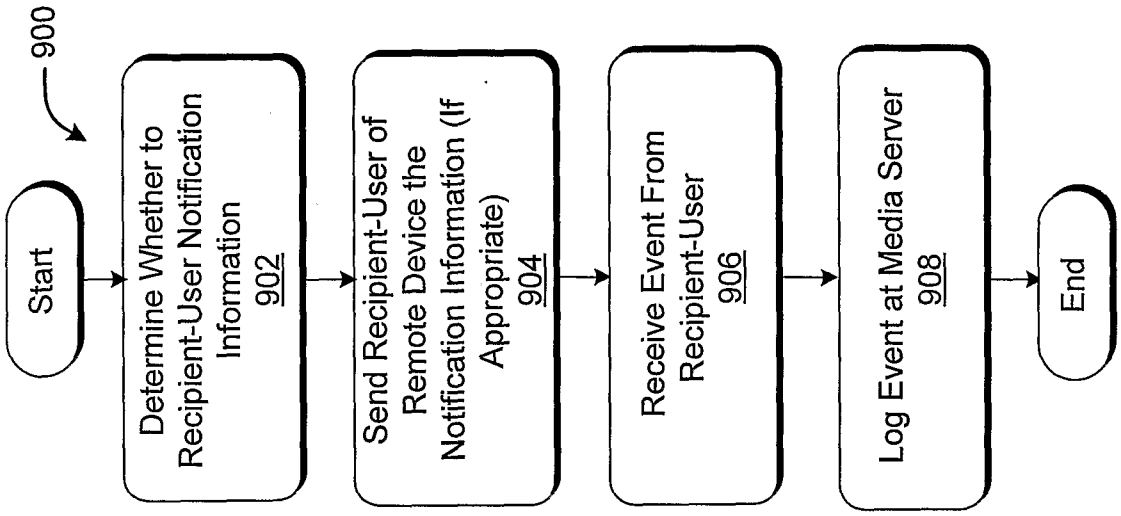


Fig. 9

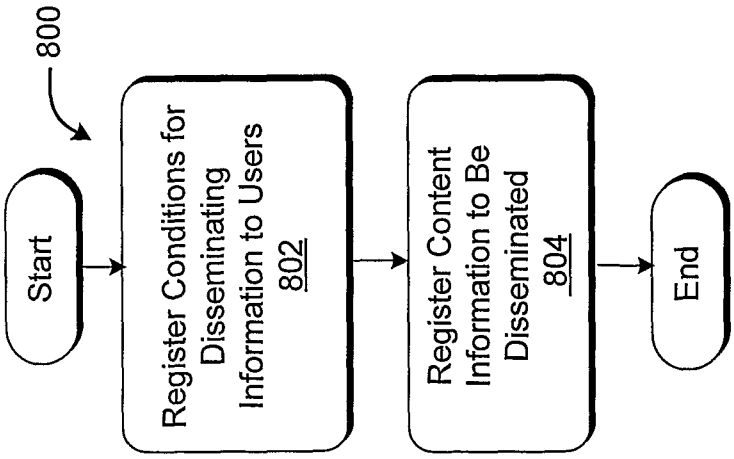


Fig. 8

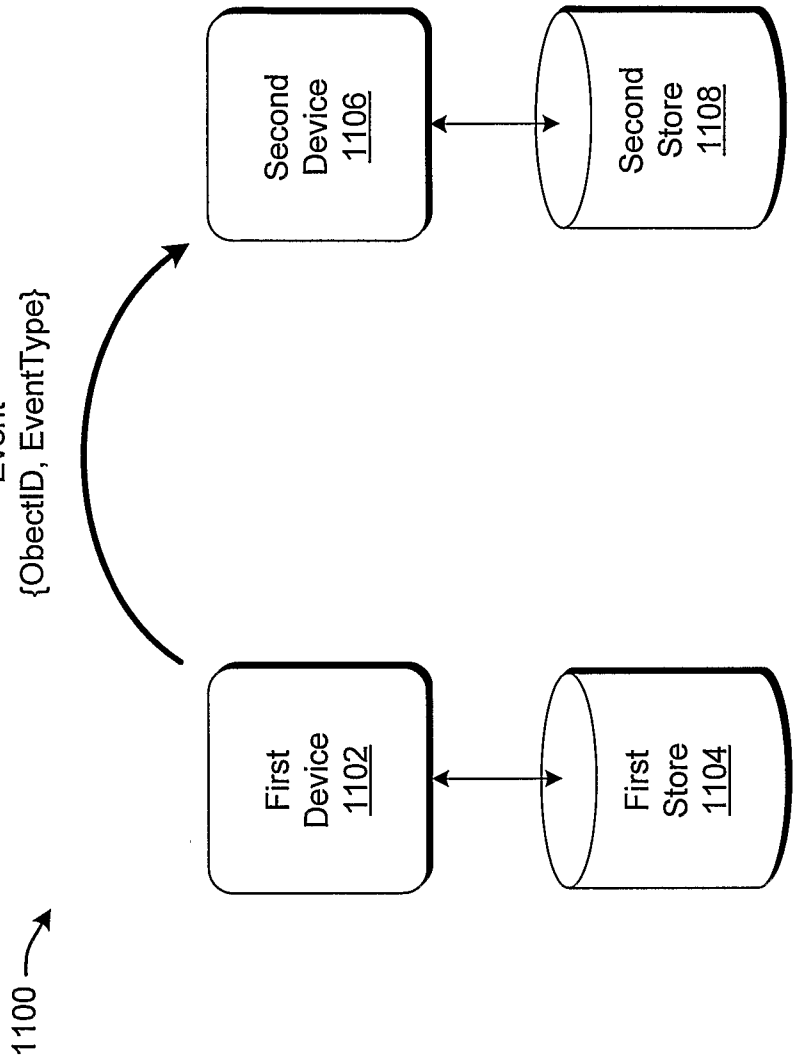

1100
First Device 1102
First Store 1104
Second Device 1106
Second Store 1108
Event {ObectID, EventType}

Fig. 11

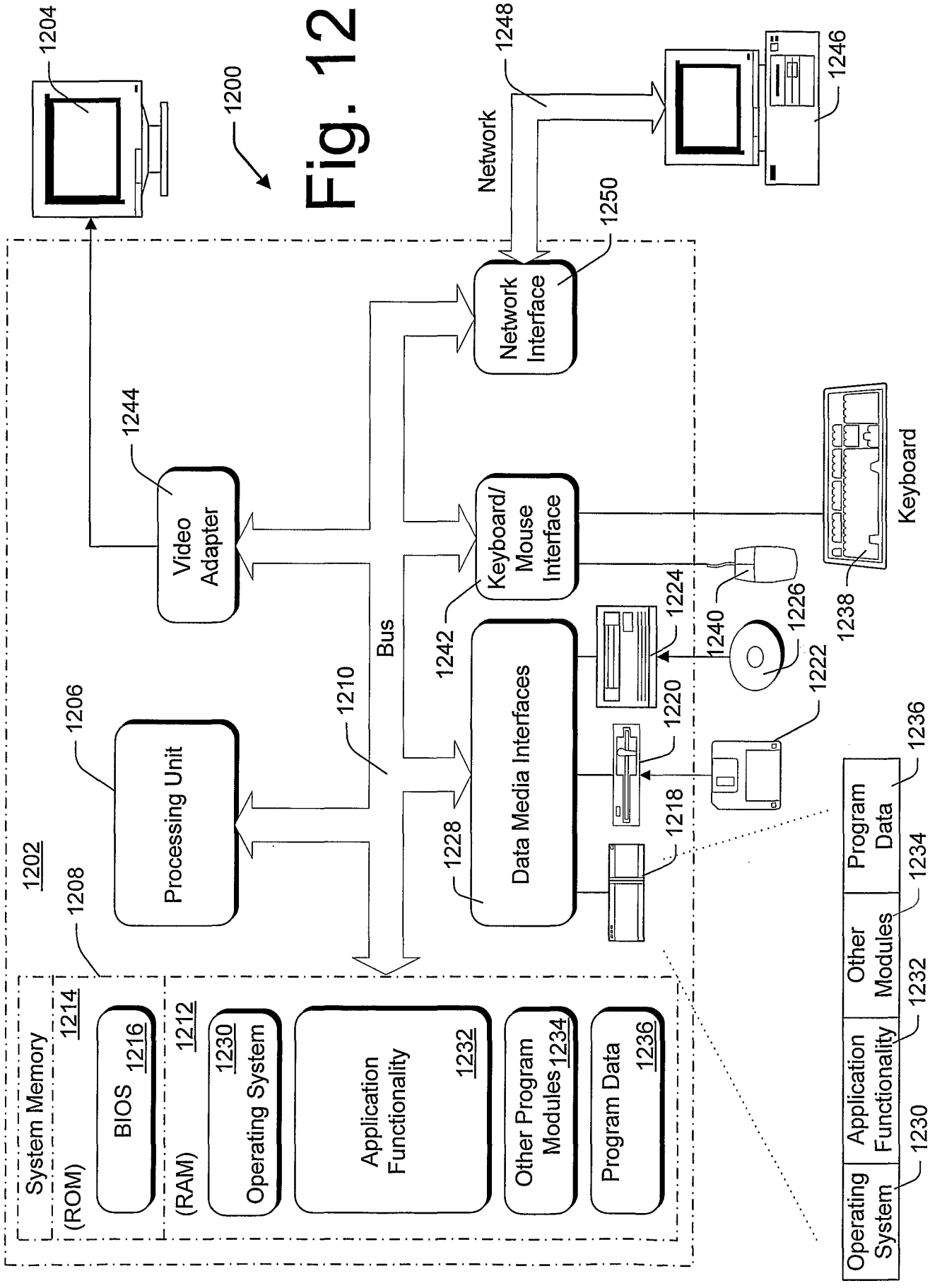

1204
1200
Network
1248
1246
1250
Network Interface
1244
Video Adapter
Keyboard/ Mouse Interface
Keyboard
1224
1226
1240
1238
1242
Bus
1210
1222
1220
1218
1228
Data Media Interfaces
1206
Processing Unit
1202
1208
System Memory
1214
(ROM)
BIOS 1216
1212
(RAM)
1230
Operating System
Application Functionality
1232
Other Program Modules 1234
Program Data
1236
Program Data
1236
Other Modules
1234
Application Functionality
1232
Operating System
1230

Fig. 12