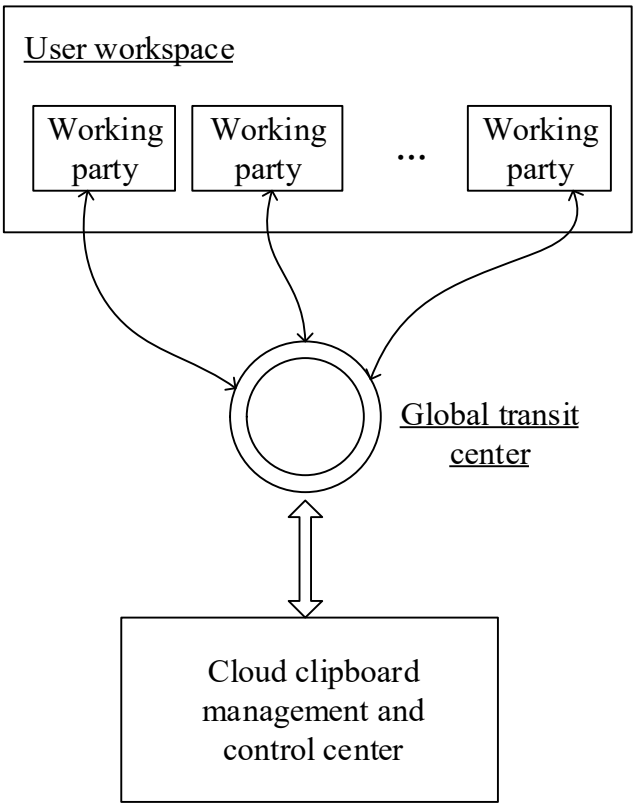

User workspace
Working party
Working party
...
Working party
Global transit center
Cloud clipboard management and control center

FIG. 1

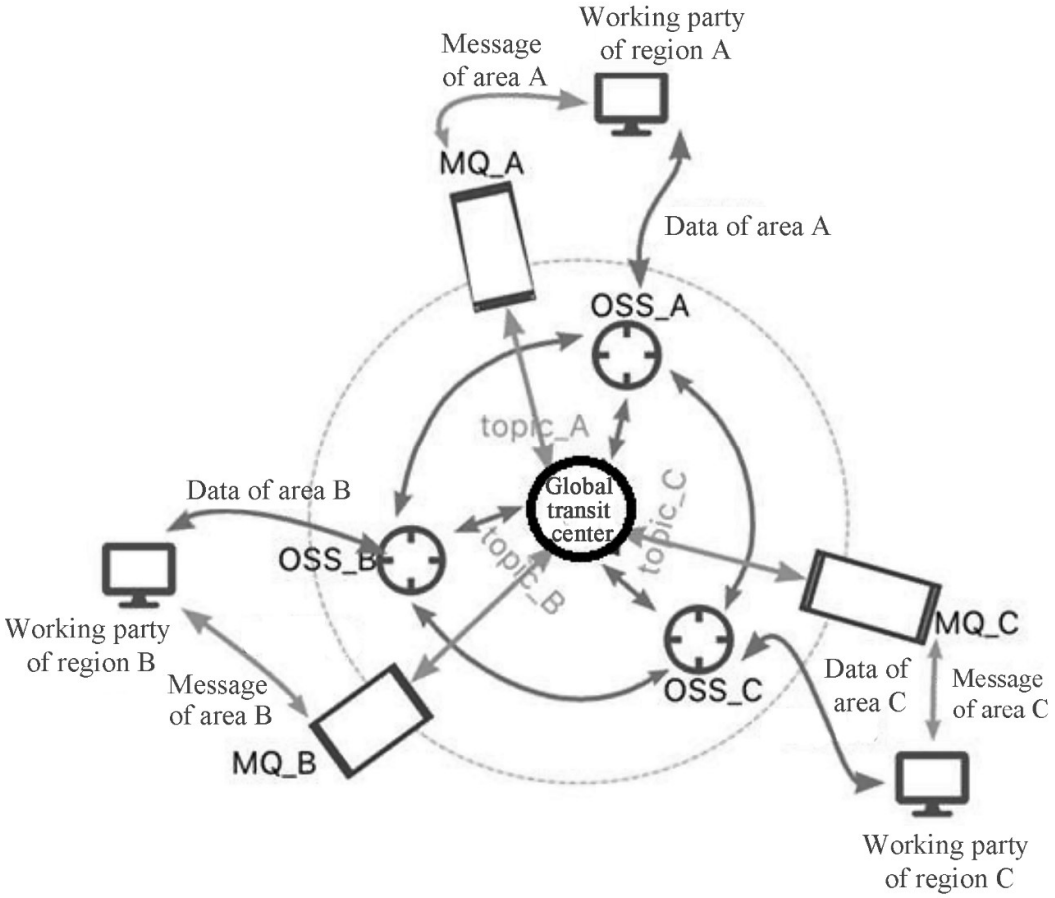

Working party
of region A
Message
of area A
MQ_A
Data of area A
OSS_A
topic_A
Global
transit
center
topic_C
topic_B
Data of area B
OSS_B
Working party
of region B
Message
of area B
MQ_B
OSS_C
MQ_C
Data of
area C
Message
of area C
Working party
of region C

FIG. 2

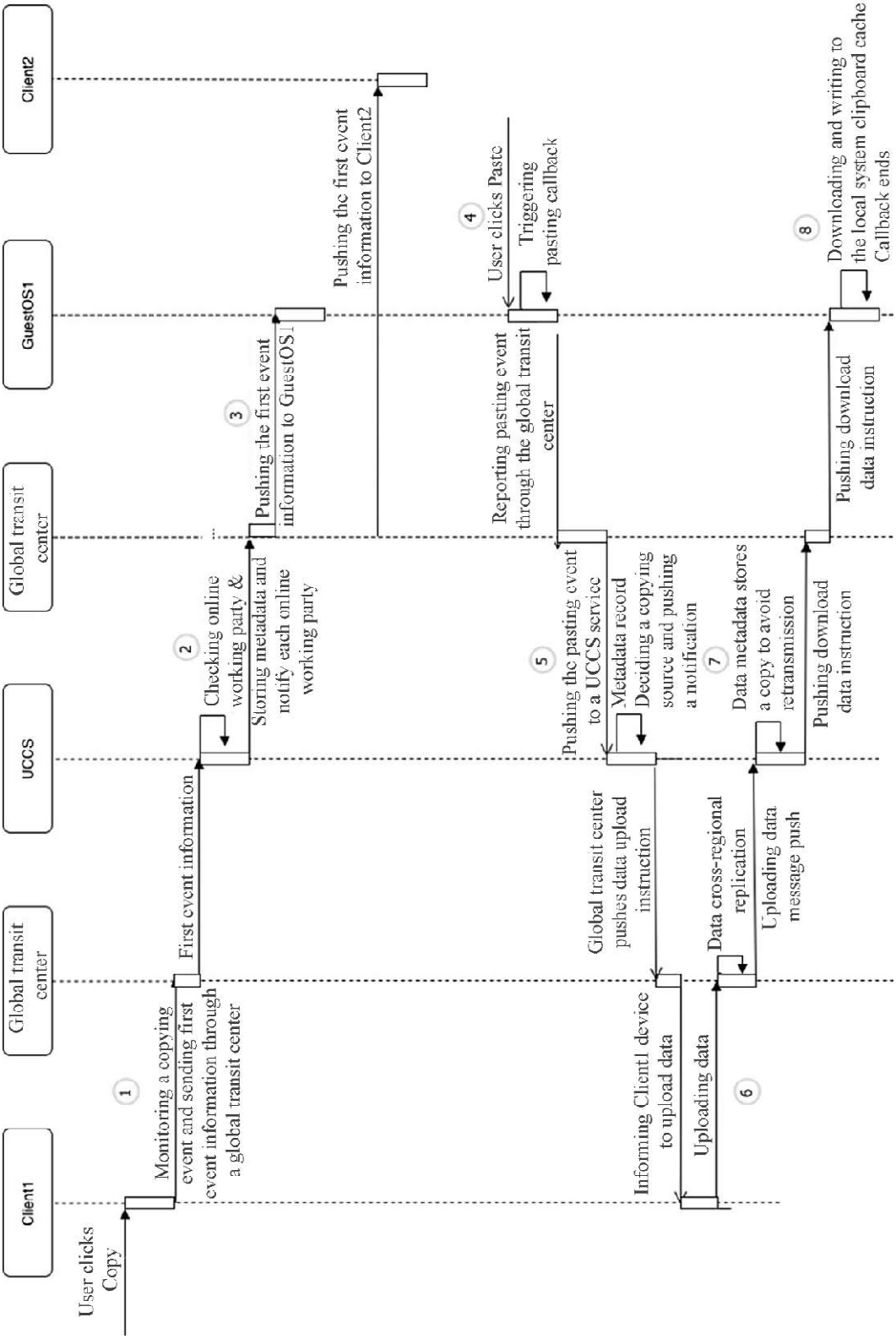

Client1
Global transit center
UCCS
Global transit center
GuestOS1
Client2
User clicks Copy
1
Monitoring a copying event and sending first event information through a global transit center
First event information
2
Checking online working party & Storing metadata and notify each online working party
3
Pushing the first event information to GuestOS1
Pushing the first event information to Client2
4
User clicks Paste
Triggering pasting callback
Reporting pasting event through the global transit center
5
Pushing the pasting event to a UCCS service
Metadata record
Deciding a copying source and pushing a notification
Global transit center pushes data upload instruction
Informing Client1 device to upload data
6
Uploading data
Data cross-regional replication
7
Data metadata stores a copy to avoid retransmission
Uploading data message push
Pushing download data instruction
Pushing download data instruction
8
Downloading and writing to the local system clipboard cache
Callback ends

FIG. 3

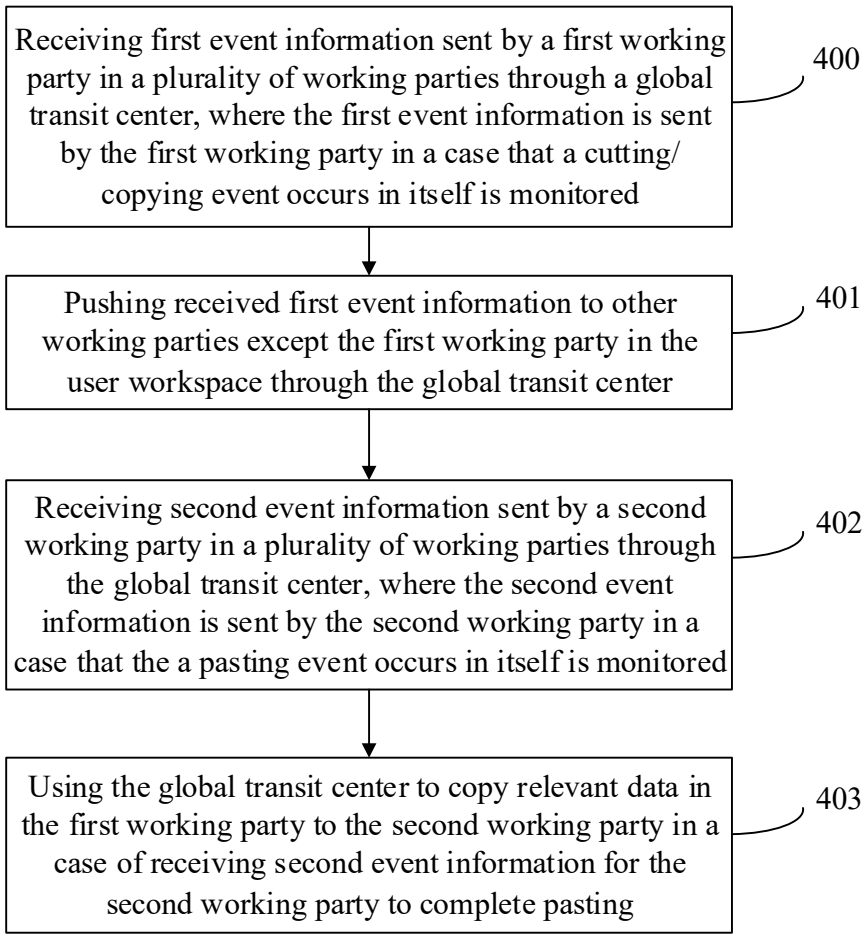

Receiving first event information sent by a first working party in a plurality of working parties through a global transit center, where the first event information is sent by the first working party in a case that a cutting/ copying event occurs in itself is monitored
400
Pushing received first event information to other working parties except the first working party in the user workspace through the global transit center
401
Receiving second event information sent by a second working party in a plurality of working parties through the global transit center, where the second event information is sent by the second working party in a case that the a pasting event occurs in itself is monitored
402
Using the global transit center to copy relevant data in the first working party to the second working party in a case of receiving second event information for the second working party to complete pasting
403

FIG. 4

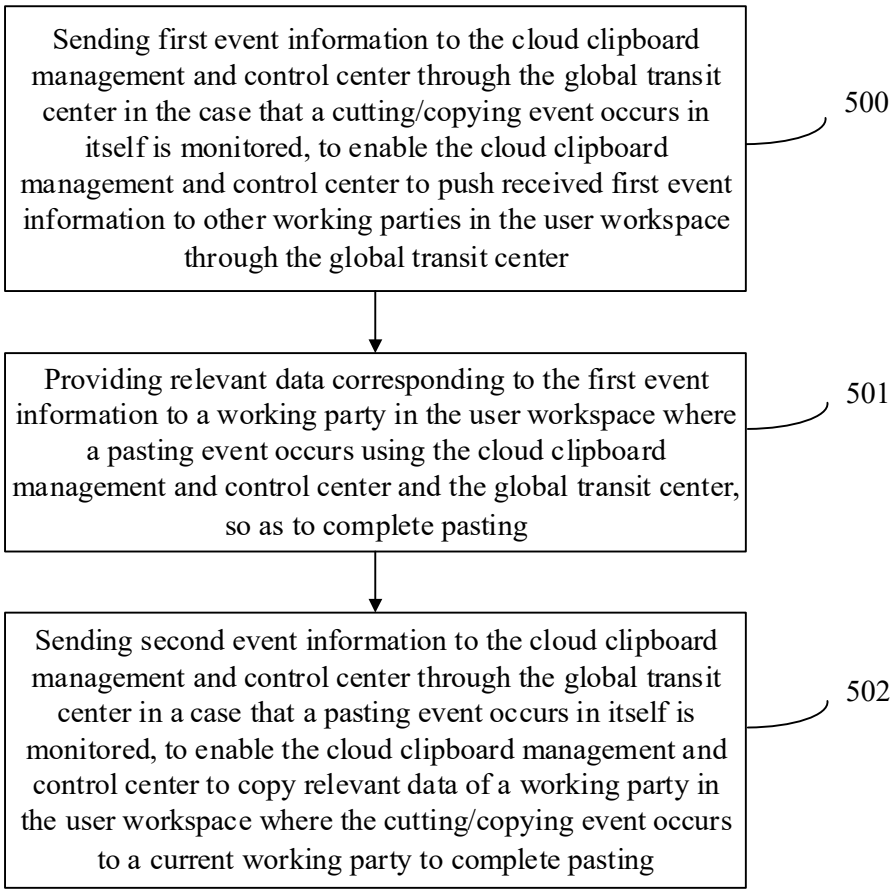

Sending first event information to the cloud clipboard management and control center through the global transit center in the case that a cutting/copying event occurs in itself is monitored, to enable the cloud clipboard management and control center to push received first event information to other working parties in the user workspace through the global transit center
500
Providing relevant data corresponding to the first event information to a working party in the user workspace where a pasting event occurs using the cloud clipboard management and control center and the global transit center, so as to complete pasting
501
Sending second event information to the cloud clipboard management and control center through the global transit center in a case that a pasting event occurs in itself is monitored, to enable the cloud clipboard management and control center to copy relevant data of a working party in the user workspace where the cutting/copying event occurs to a current working party to complete pasting
502

FIG. 5

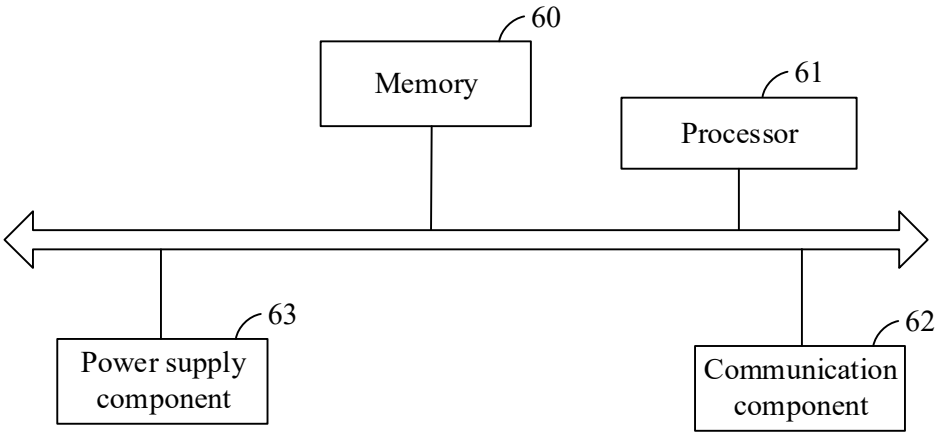

60
Memory
61
Processor
63
Power supply component
62
Communication component

FIG. 6

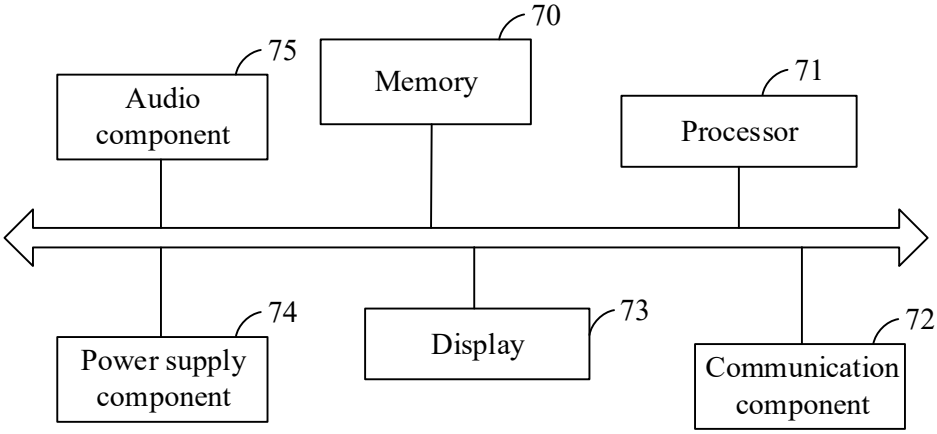

70
75
Audio component
Memory
71
Processor
74
Power supply component
73
Display
72
Communication component

FIG. 7