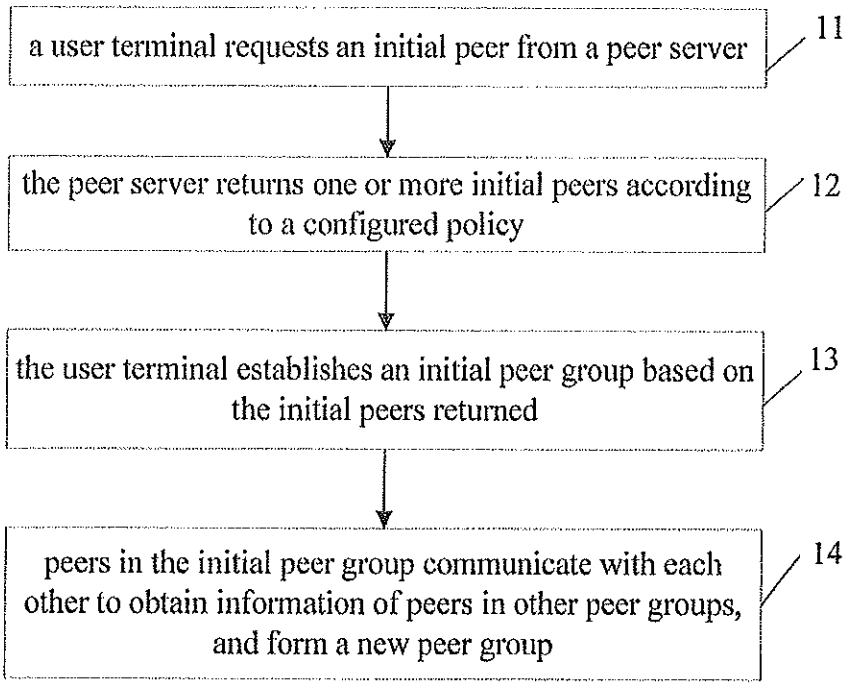
a user terminal requests an initial peer from a peer server
11
the peer server returns one or more initial peers according to a configured policy
12
the user terminal establishes an initial peer group based on the initial peers returned
13
peers in the initial peer group communicate with each other to obtain information of peers in other peer groups, and form a new peer group
14

Fig.1

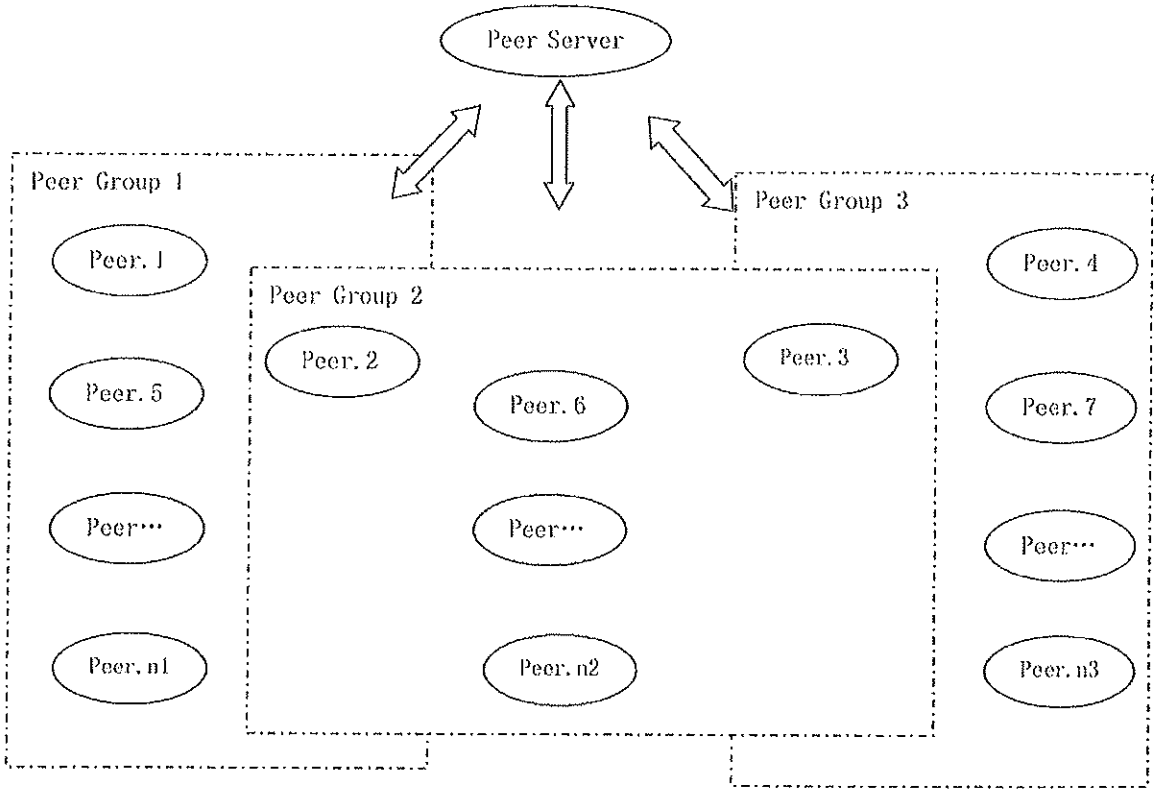
Peer Server
Peer Group 1
Peer. 1
Peer. 5
Peer…
Peer. n1
Peer Group 2
Peer. 2
Peer. 6
Peer…
Peer. n2
Peer. 3
Peer Group 3
Peer. 4
Peer. 7
Peer…
Peer. n3

Fig.2

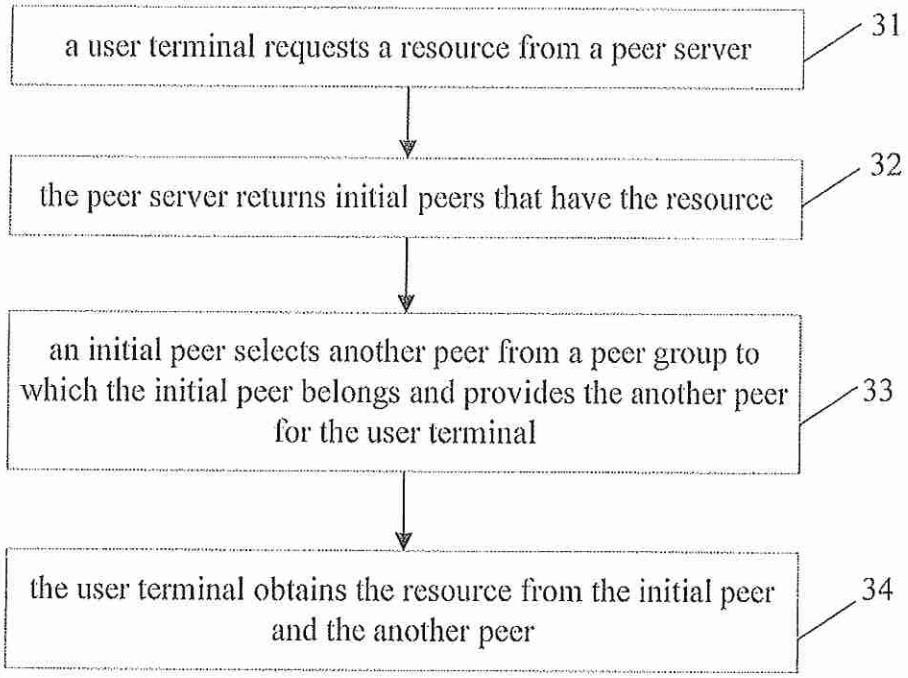
a user terminal requests a resource from a peer server
31
the peer server returns initial peers that have the resource
32
an initial peer selects another peer from a peer group to which the initial peer belongs and provides the another peer for the user terminal
33
the user terminal obtains the resource from the initial peer and the another peer
34

Fig.3

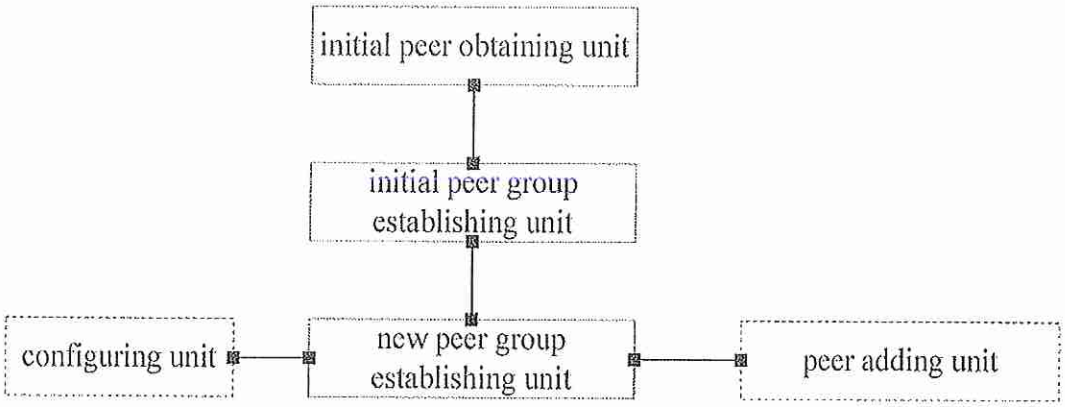
initial peer obtaining unit
initial peer group establishing unit
configuring unit
new peer group establishing unit
peer adding unit

Fig.4