

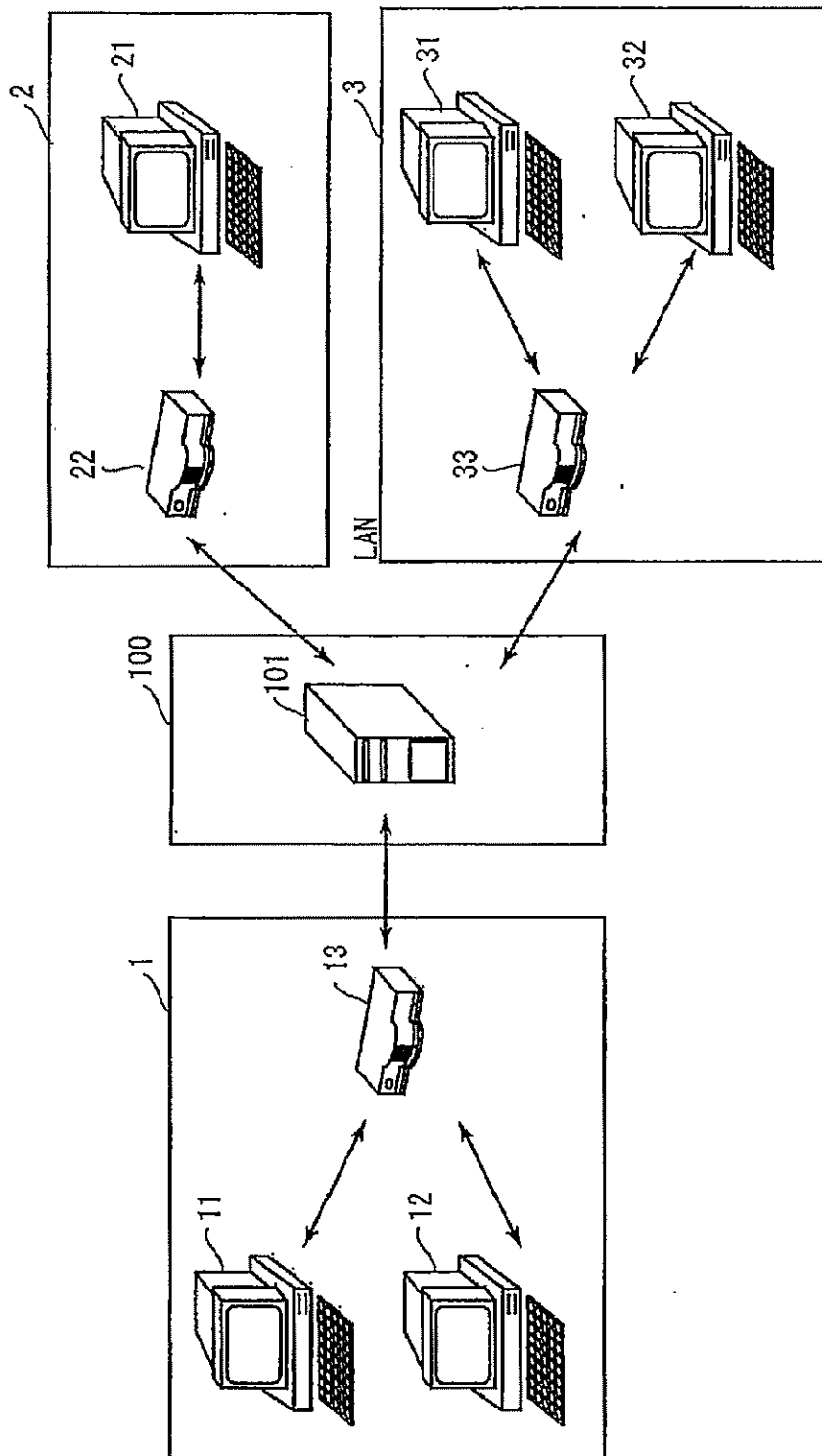


FIG. 1

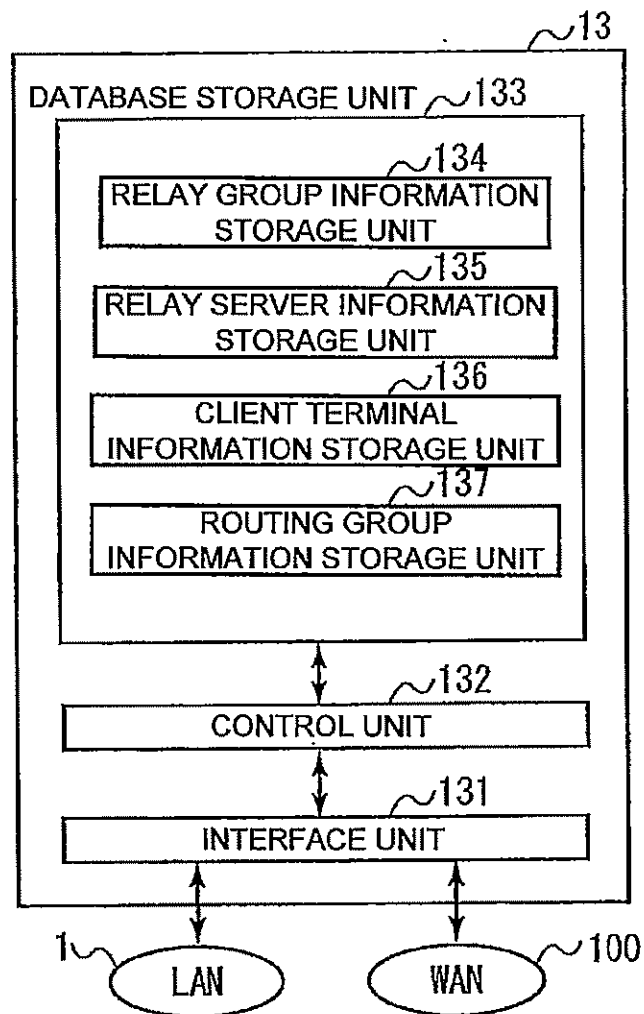


FIG. 2

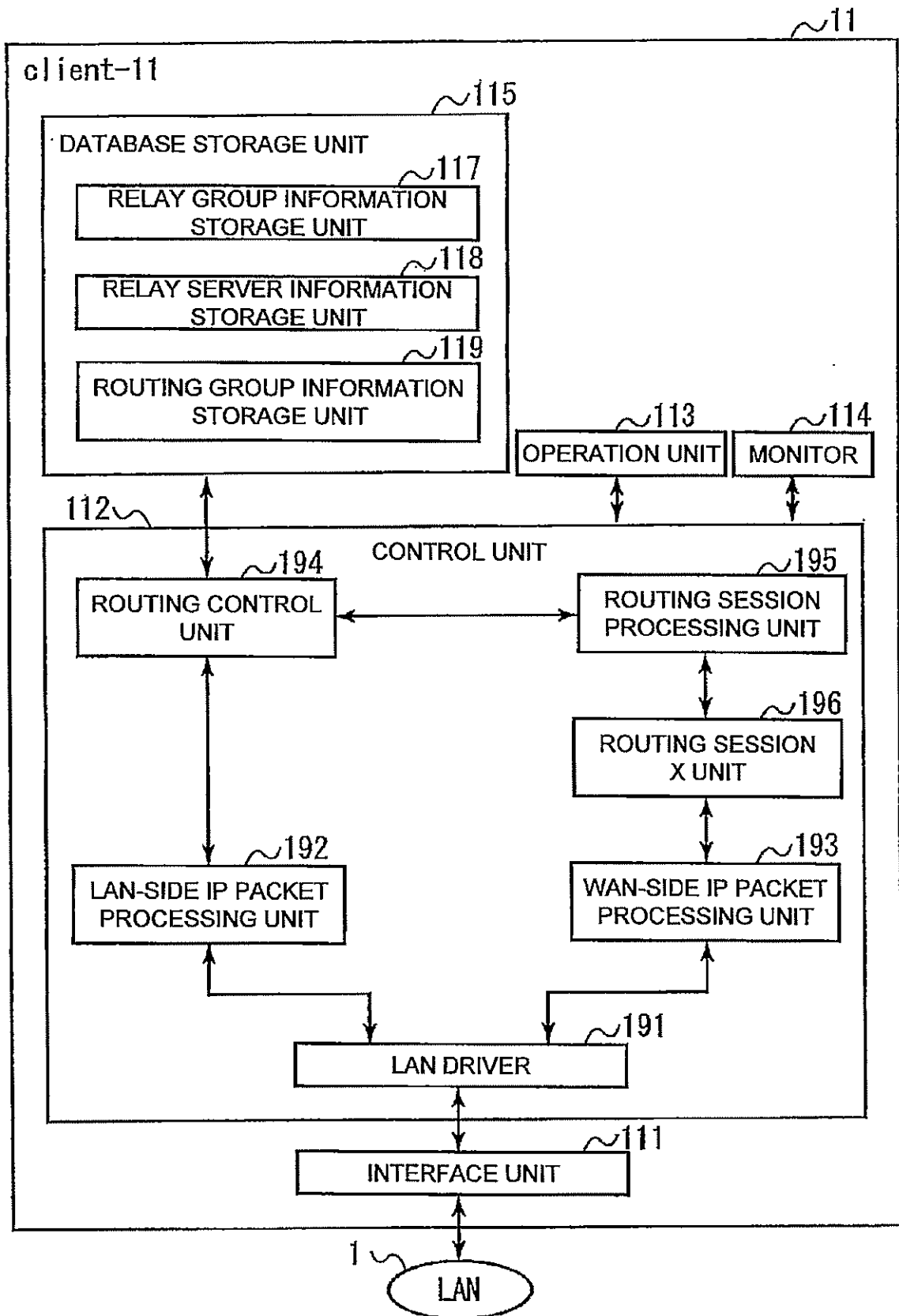


FIG. 3

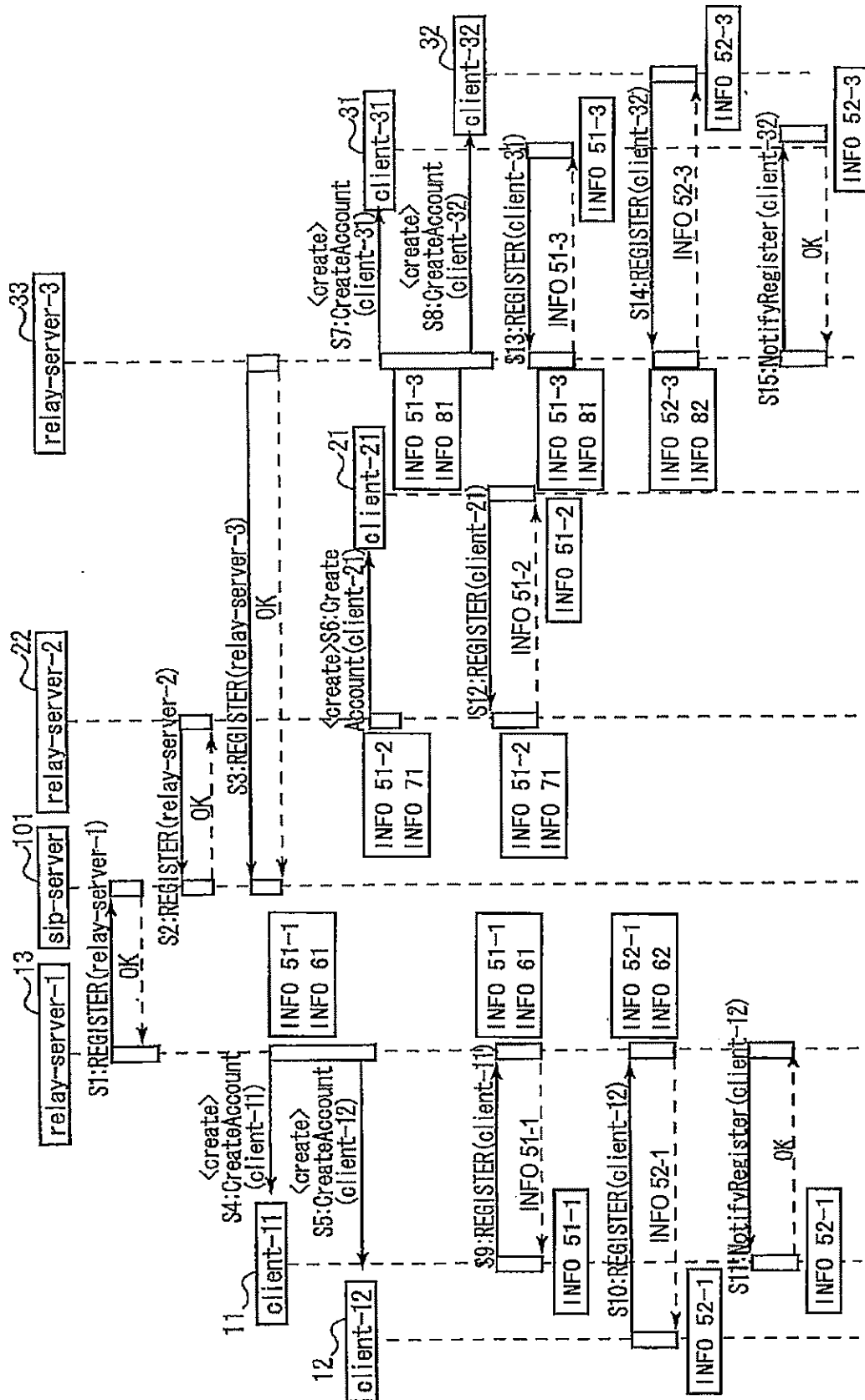


FIG. 4

51-1

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<site id="relay-server-1@abc.net"
    name="RELAY SERVER 1" stat="active"> } 511-1
    -<node div="software" group=""
      id="client-11@relay-server-1.abc.net"
      name="CLIENT 11" site="relay-server-1@abc.net"/> } 513-1
    -<node div="software" group=""
      id="client-12@relay-server-1.abc.net"
      name="CLIENT 12" site="" /> } 514-1
    </site>
  </root>

```

512-1

61

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<node addr="192.168.1.11" ~ 611
    div="software" expr="1213" ~ 612
    group=""
    id="client-11@relay-server-1.abc.net"
    name="CLIENT 11" pass="abc" port="5070">
  </node> ~ 613
  -<node addr="" ~ 611
    div="software" expr="0" ~ 612
    group=""
    id="client-12@relay-server1.abc.net"
    name="CLIENT 12" pass="def" port="0">
  </node> ~ 613
</root>

```

FIG. 5

52-1

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<site id="relay-server-1@abc.net"
    name="RELAY SERVER 1" stat="active"> } 521-1
    -<node div="software" group=""
      id="client-11@relay-server-1.abc.net"
      name="CLIENT 11" site="relay-server-1@abc.net"/> } 522-1
    -<node div="software" group=""
      id="client-12@relay-server-1.abc.net"
      name="CLIENT 12" site="relay-server-1@abc.net"/> } 524-1
    </site> } 524-1
  </root>

```

62

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<node addr="192.168.1.11"
    div="software" expr="1213"
    group=""
    id="client-11@relay-server-1.abc.net"
    name="CLIENT 11" pass="abc" port="5070">
  </node>
  -<node addr="192.168.2.22" ~ 621
    div="software" expr="1213" ~ 622
    group=""
    id="client-12@relay-server1.abc.net"
    name="CLIENT 12" pass="def" port="5070">
  </node> ~ 623
</root>

```

FIG. 6

51-2

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<site id="relay-server-2@abc.net"
    name="RELAY SERVER 2" stat="active"> } 511-2
    -<node div="sales"
      group=""
      id="client-21@relay-server-2.abc.net"
      name="CLIENT 21" site="relay-server-2@abc.net"/> } 512-2
    </node> } 513-2
  </site> } 514-2
</root>

```

71

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<node addr="192.100.1.21"
    div="sales" expr="1213"
    group=""
    id="client-21@relay-server-2.abc.net"
    name="CLIENT 21" pass="nhy" port="5070">
  </node>
</root>

```

FIG. 7

51-3

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<site id="relay-server-3@abc.net"
    name="RELAY SERVER 3" stat="active"> } 511-3
    -<node div="manufacture" ~ 513-3
      group=""
      id="client-31@relay-server-3.abc.net"
      name="CLIENT 31" site="relay-server-3@abc.net"/> } 512-3
    -<node div="manufacture" ~ 514-3
      group=""
      id="client-32@relay-server-3.abc.net"
      name="CLIENT 32" site=""/>
    </site> ~ 514-3
  </root>

```

81

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<node addr="200.1.2.31" ~ 811
    div="manufacture" expr="1213" ~ 812
    group=""
    id="client-31@relay-server-3.abc.net"
    name="CLIENT 31" pass="xyz" port="5070">
  </node> ~ 813
  -<node addr="" ~ 811
    div="manufacture" expr="0" ~ 812
    group=""
    id="client-32@relay-server-3.abc.net"
    name="CLIENT 32" pass="123" port="0">
  </node> ~ 813
</root>

```

FIG. 8

52-3

```

<?xml version="1.0" encoding="UTF-8"?>
<root>
  <site id="relay-server-3@abc.net"
        name="RELAY SERVER 3" stat="active"> } 521-3
    <node div="manufacture"
          group=""
          id="client-31@relay-server-3.abc.net"
          name="CLIENT 31" site="relay-server-3@abc.net"/> } 522-3
    <node div="manufacture"
          group=""
          id="client-32@relay-server-3.abc.net"
          name="CLIENT 32" site="relay-server-3@abc.net"/> } 524-3
  </site>
</root>

```

82

```

<?xml version="1.0" encoding="UTF-8"?>
<root>
  <node addr="200.1.2.31"
        div="manufacture" expr="1213"
        group=""
        id="client-31@relay-server-3.abc.net"
        name="CLIENT 31" pass="xyz" port="5070">
  </node>
  <node addr="200.1.3.132" ~ 821
        div="manufacture" expr="1213" ~ 822
        group=""
        id="client-32@relay-server-3.abc.net"
        name="CLIENT 32" pass="123" port="5070">
  </node> ~ 823
</root>

```

FIG. 9

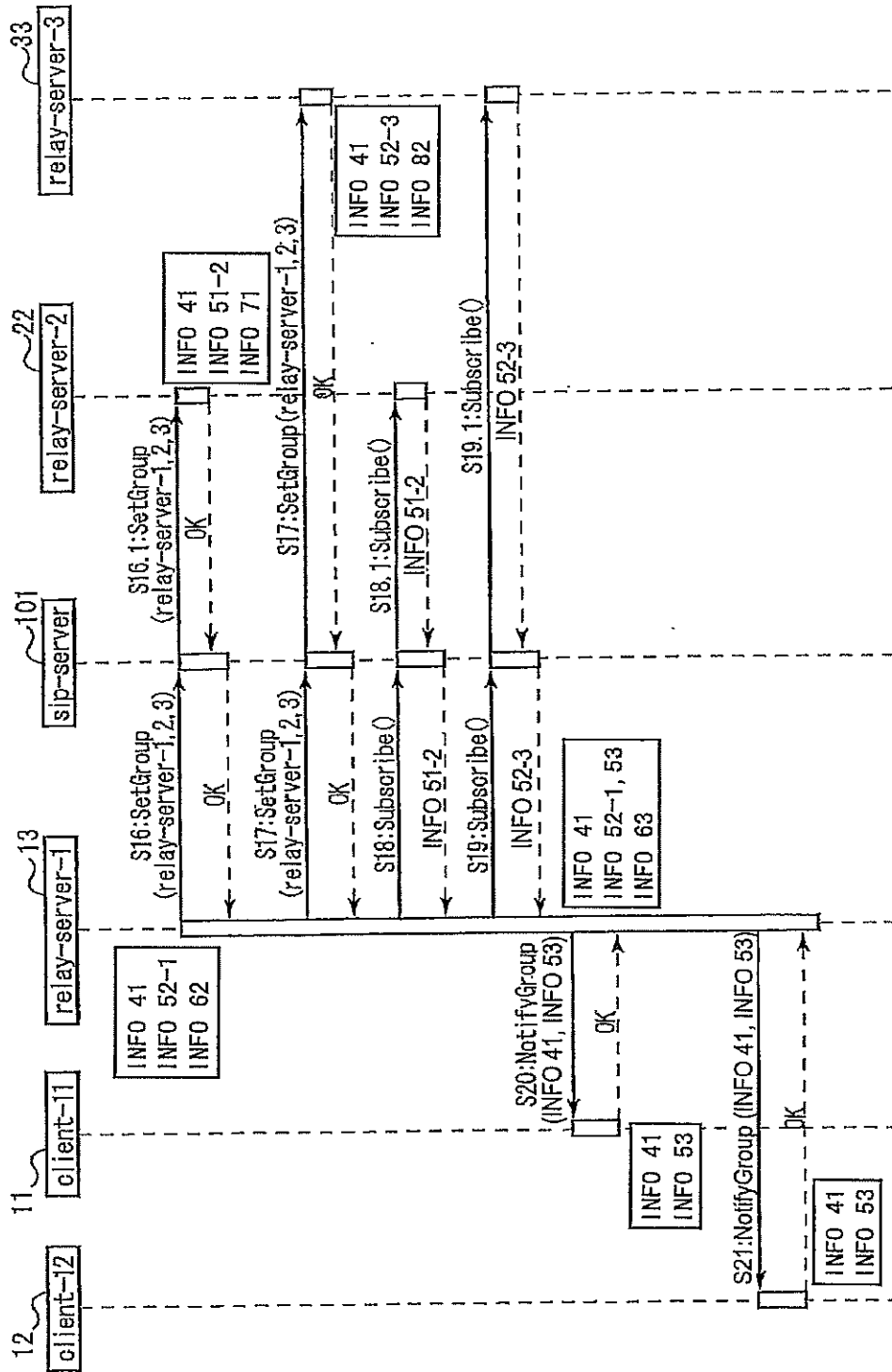


FIG. 10

41

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
-<root>
  -<group id="group-a@relay-server-1.abc.net"
    lastmod="20070402133100" name="GROUP A">
    <site id="relay-server-1@abc.net" rel="allow"/>
    <site id="relay-server-2@abc.net" rel="allow"/>
    <site id="relay-server-3@abc.net" rel="allow"/>
  </group>
</root>

```

52-1

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<site id="relay-server-1@abc.net"
    name="RELAY SERVER 1" stat="active">
    -<node div="software" group=""
      id="client-11@relay-server-1.abc.net"
      name="CLIENT 11" site="relay-server-1@abc.net"/>
    -<node div="software" group=""
      id="client-12@relay-server-1.relay.net"
      name="CLIENT 12" site="relay-server-1@abc.net"/>
  </site>
</root>

```

62

```

<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<node addr="192.168.1.11"
    div="software" expr="1213"
    group=""
    id="client-11@relay-server-1.abc.net"
    name="CLIENT 11" pass="abc" port="5070">
  </node>
  -<node addr="192.168.2.22"
    div="software" expr="1213"
    group=""
    id="client-12@relay-server-1.abc.net"
    name="CLIENT 21" pass="def" port="5070">
  </node>
</root>

```

FIG. 11

NO CHANGE FROM FIG. 11

```

<?xml version="1.0" encoding="UTF-8"?>
<root>
  <site id="relay-server-1@abc.net"
    name="RELAY SERVER 1" stat="active"> } 531-1
    <node div="software"
      group="group-a@relay-server-1.abc.net"
      id="client-11@relay-server-1.abc.net"
      name="CLIENT 11" site="relay-server-1@abc.net"/> } 532-1
    <node div="software"
      group="group-a@relay-server-1.abc.net"
      id="client-12@relay-server-1.abc.net"
      name="CLIENT 12" site="relay-server-1@abc.net"/>
    </site>
  <site id="relay-server-2@abc.net"
    name="RELAY SERVER 2" stat="active"> } 531-2
    <node div="sales"
      group="group-a@relay-server-1.abc.net"
      id="client-21@relay-server-2.abc.net"
      name="CLIENT 21" site="relay-server-2@abc.net"/> } 532-2
    </site>
  <site id="relay-server-3@abc.net"
    name="RELAY SERVER 3" stat="active"> } 531-3
    <node div="manufacture"
      group="group-a@relay-server-1.abc.net"
      id="client-31@relay-server-3.abc.net"
      name="CLIENT 31" site="relay-server-3@abc.net"/> } 532-3
    <node div="manufacture"
      group="group-a@relay-server-1.abc.net"
      id="client-32@relay-server-3.abc.net"
      name="CLIENT 32" site="relay-server-3@abc.net"/>
    </site>
</root>

```

```

<?xml version="1.0" encoding="UTF-8"?>
<root>
  <node addr="192.168.1.11"
    div="software" expr="1213"
    group="group-a@relay-server-1.abc.net"
    id="client-11@relay-server-1.abc.net"
    name="CLIENT 11" pass="abc" port="5070">
  </node>
  <node addr="192.168.2.22"
    div="software" expr="1213"
    group="group-a@relay-server-1.abc.net"
    id="client-12@relay-server-1.abc.net"
    name="CLIENT 12" pass="def" port="5070">
  </node>
</root>

```

FIG. 12



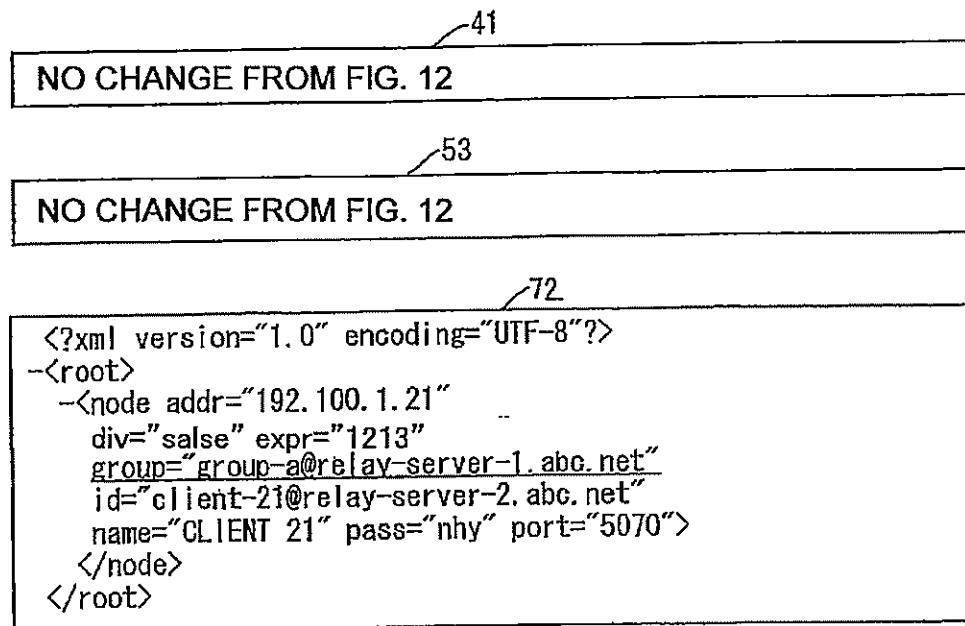


FIG. 14

41

NO CHANGE FROM FIG. 12

53

NO CHANGE FROM FIG. 12.

83

```
<?xml version="1.0" encoding="UTF-8"?>
-<root>
  -<node addr="200.1.2.31"
    div="manufacture" expr="1213"
    group="group-a@relay-server-1.abc.net"
    id="client-31@relay-server-3.abc.net"
    name="CLIENT 31" pass="xyz" port="5070">
  </node>
  -<node addr="200.1.3.132"
    div="manufacture" expr="1213"
    group="group-a@relay-server-1.abc.net"
    id="client-32@relay-server-3.abc.net"
    name="CLIENT 32" pass="123" port="5070">
  </node>
</root>
```

FIG. 15

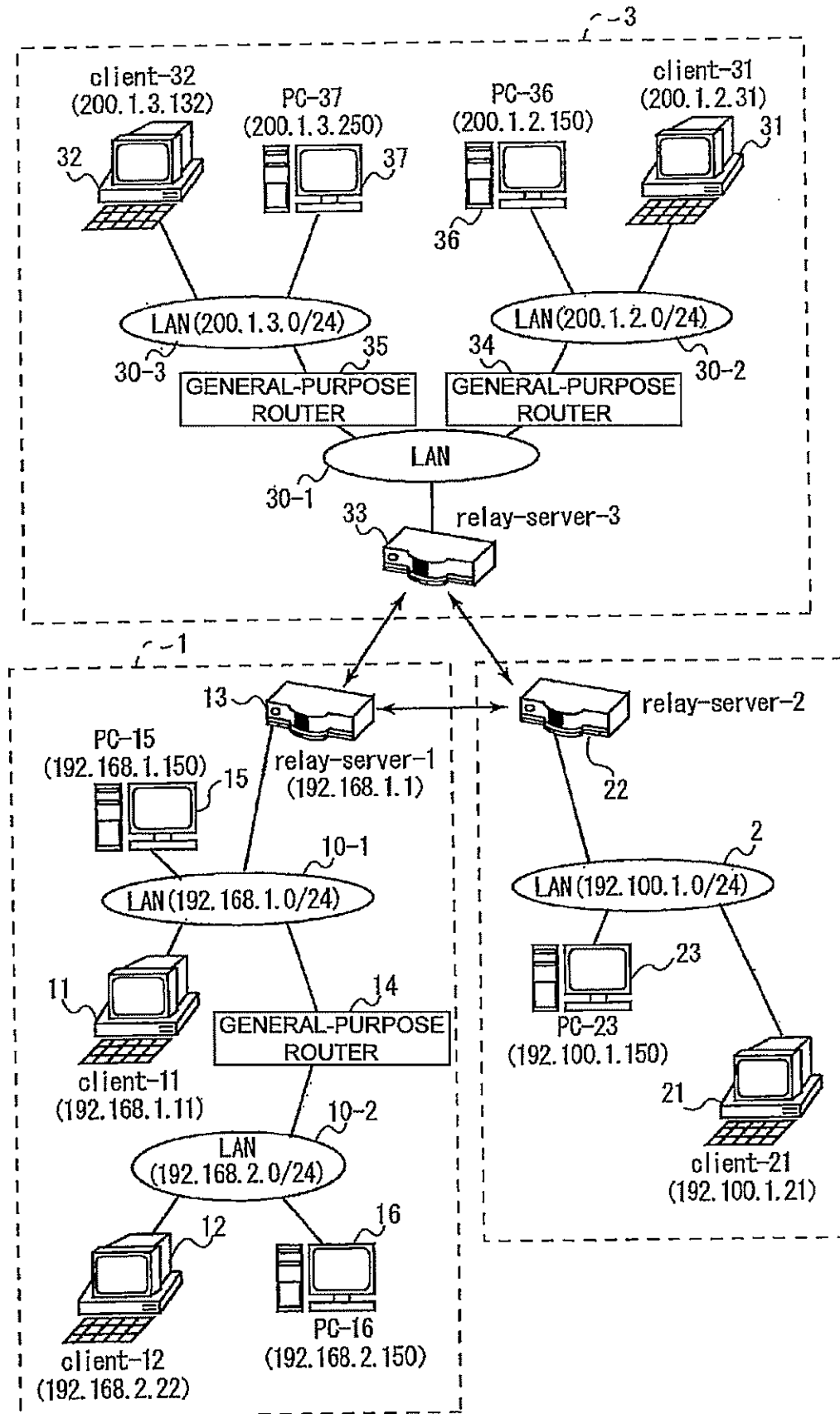


FIG. 16

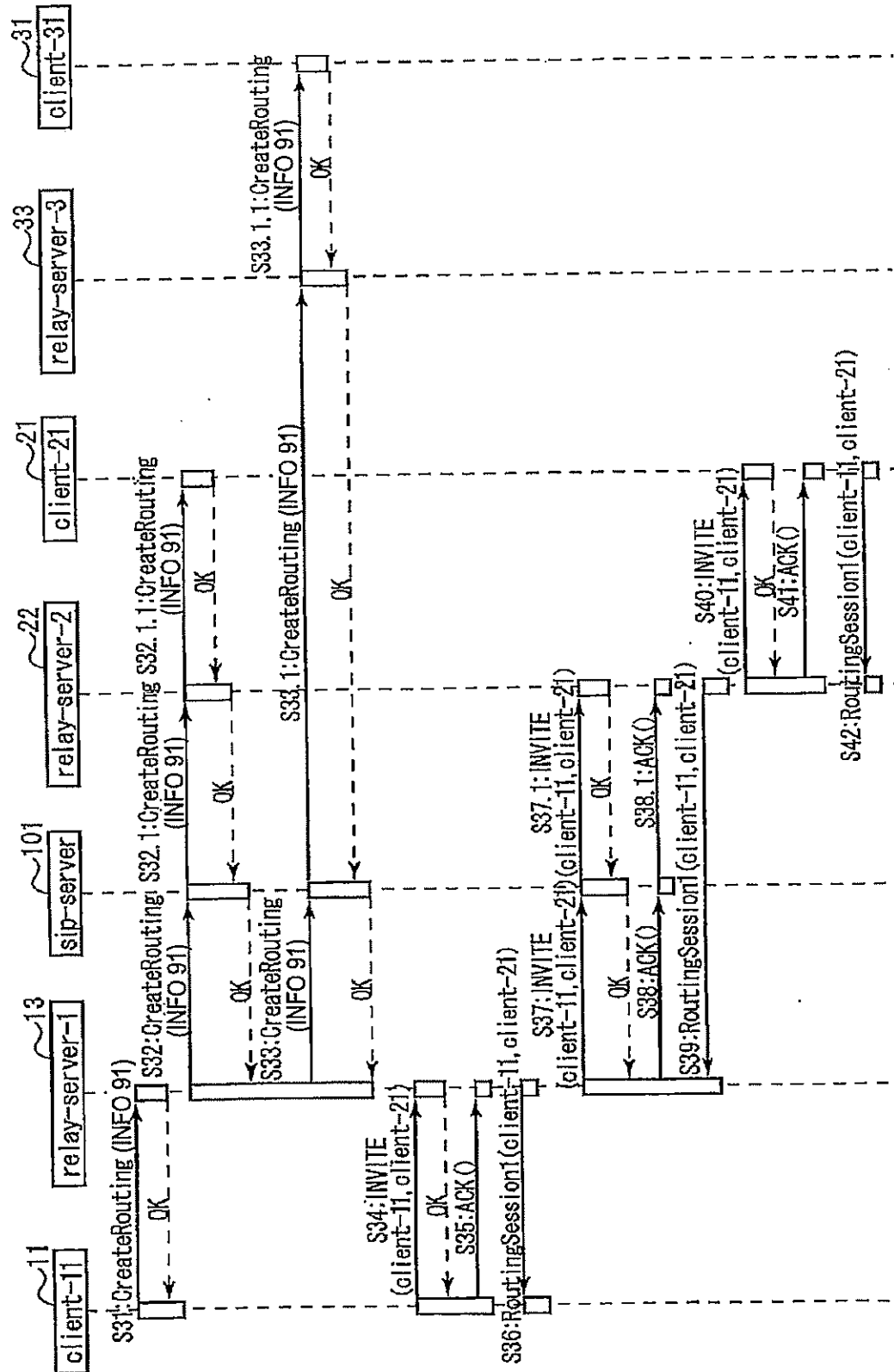


FIG. 17

91

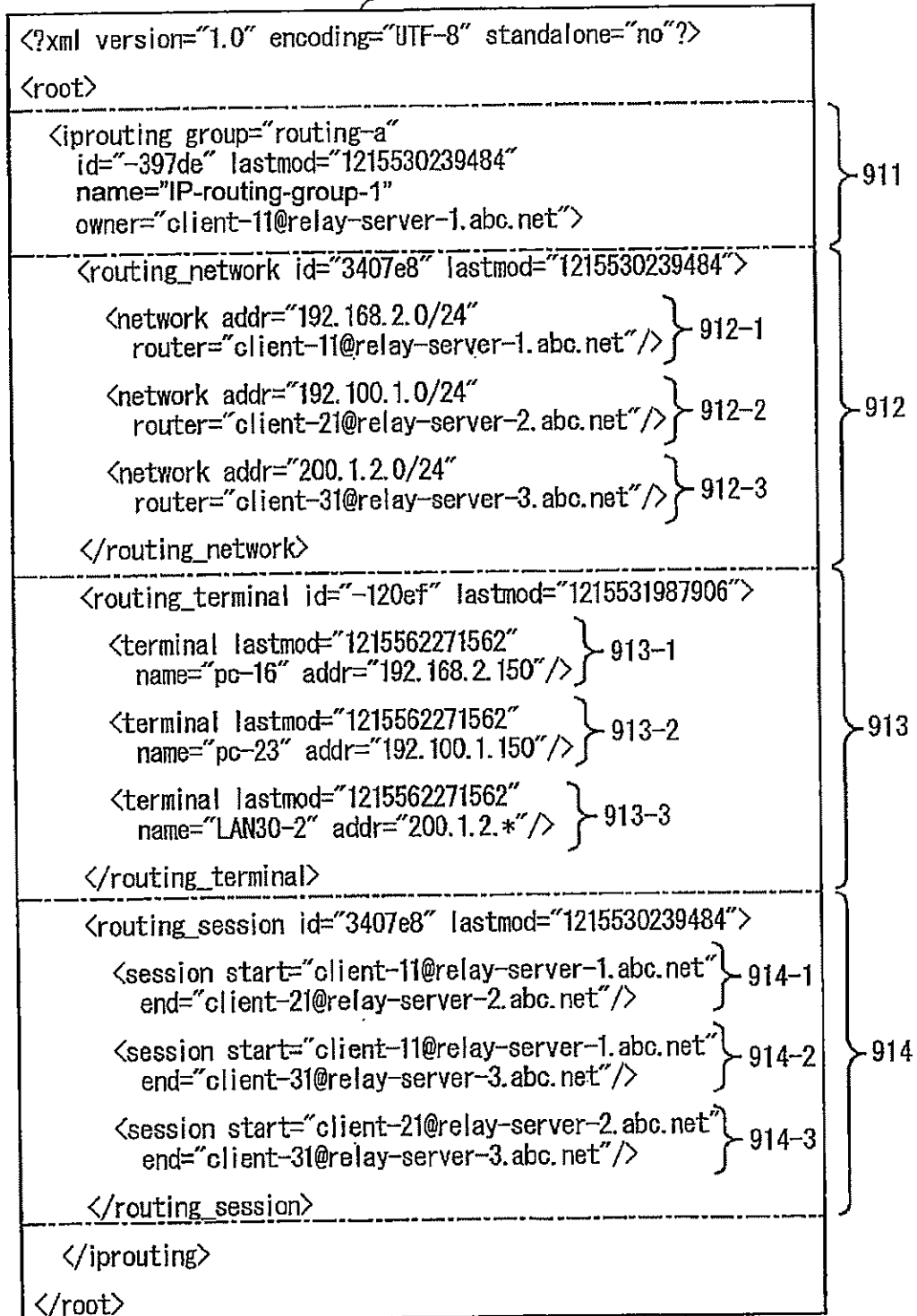


FIG. 18

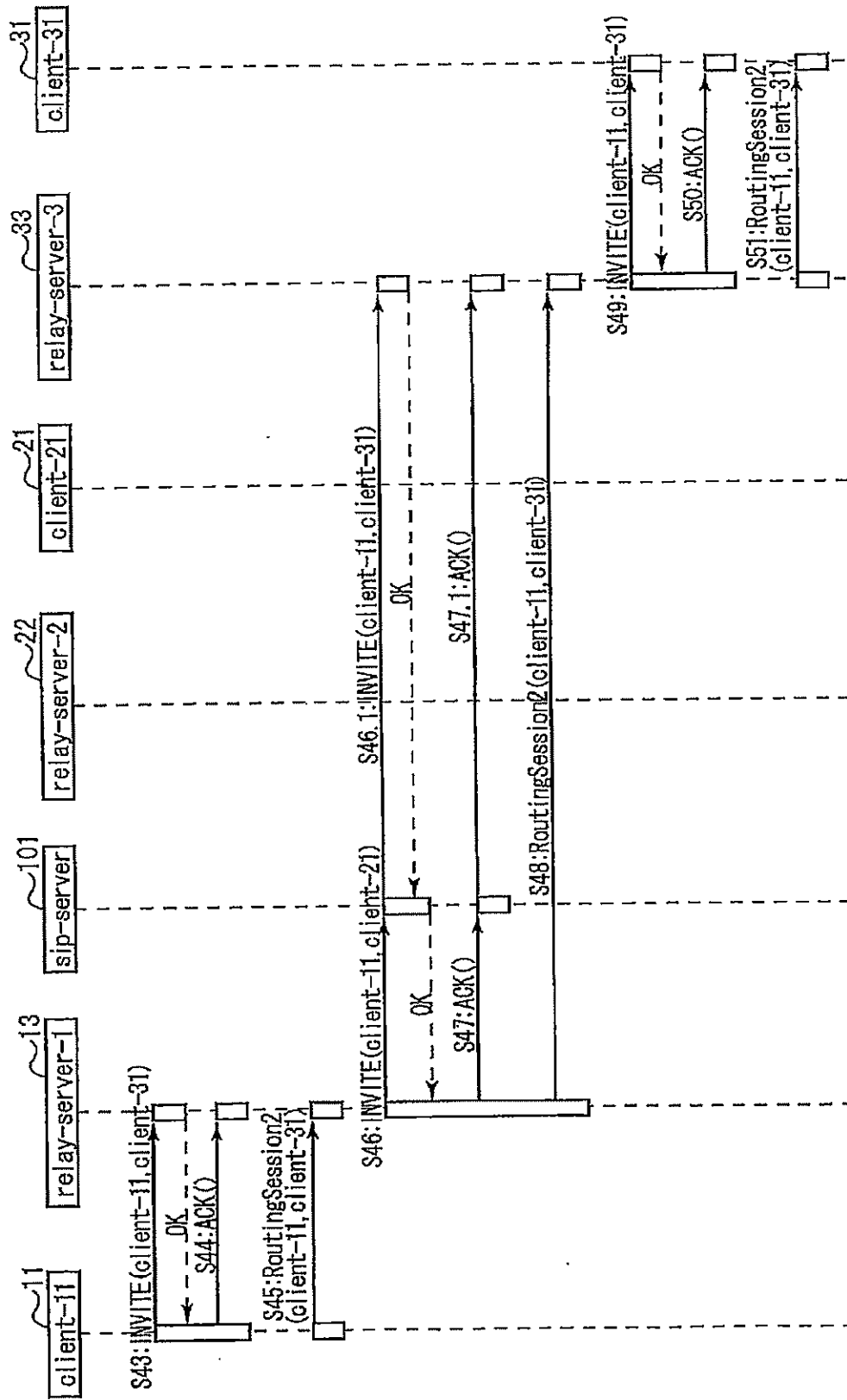


FIG. 19

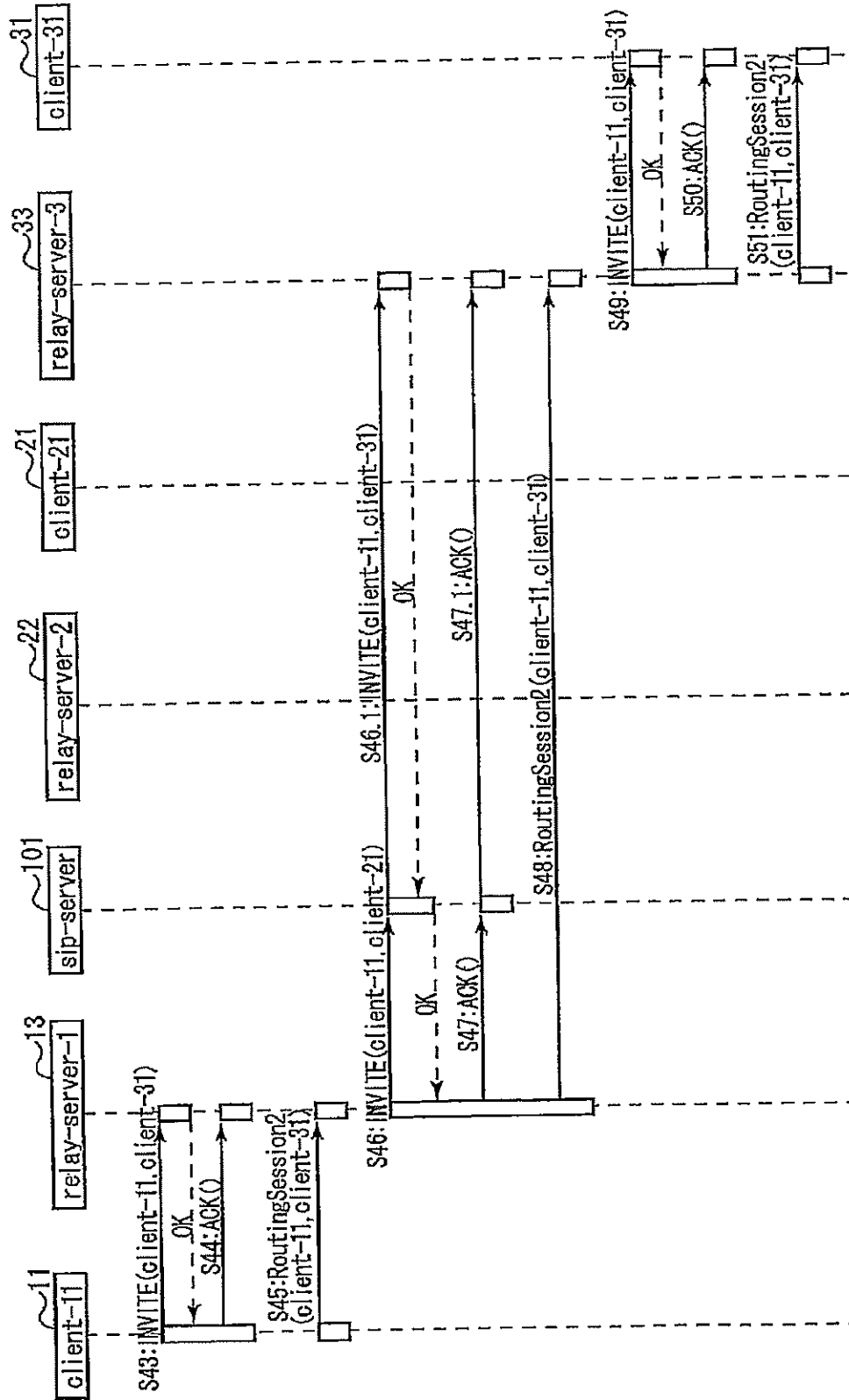


FIG. 20

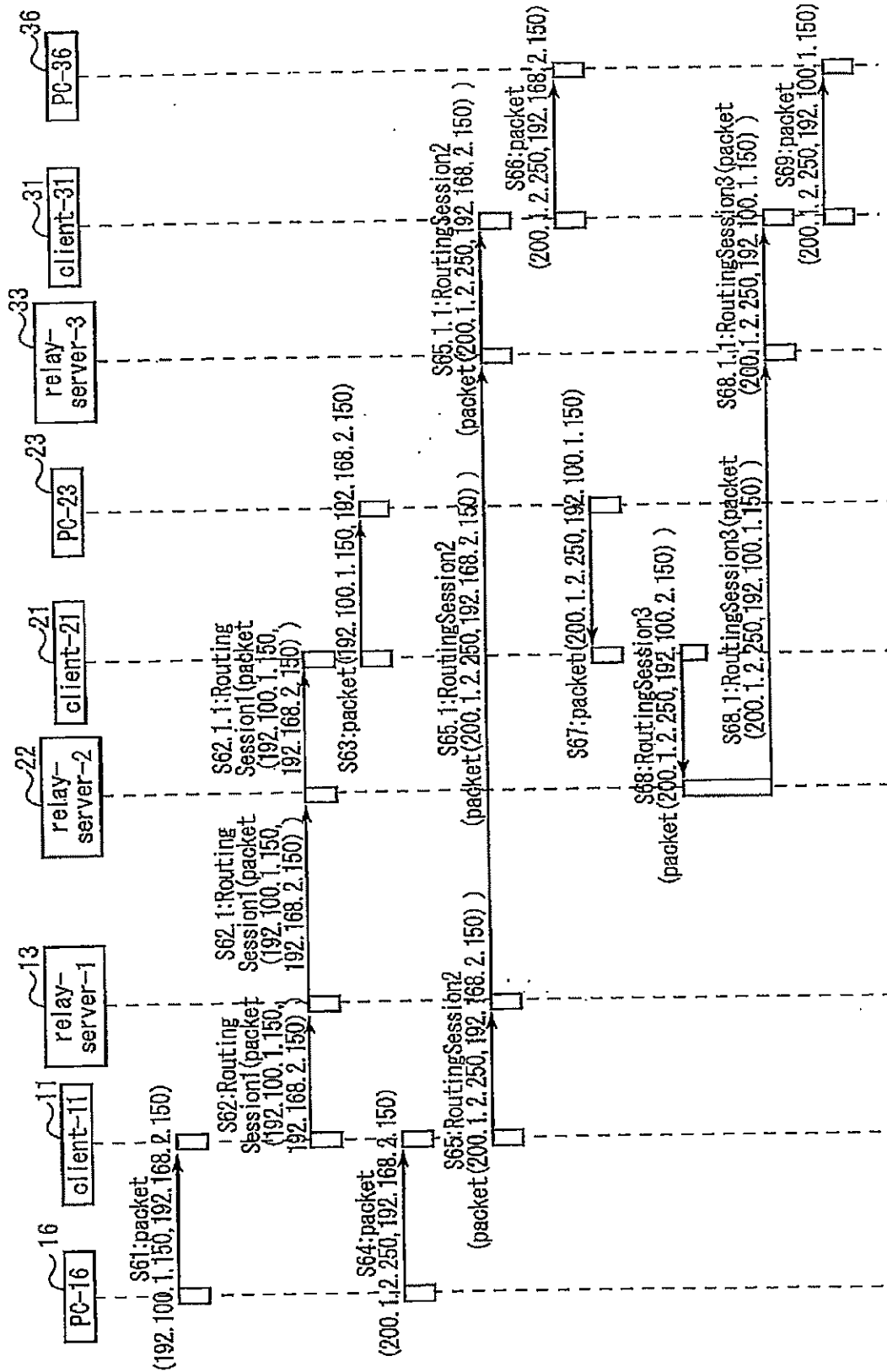


FIG. 21

92

|                                                                                                                                                                     |   |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|
| <code>&lt;?xml version="1.0" encoding="UTF-8" standalone="no"?&gt;</code>                                                                                           |   |     |
| <code>&lt;root&gt;</code>                                                                                                                                           |   |     |
| <code>&lt;iprouting group="routing-a"<br/>id="-397de" lastmod="1215530239484"<br/>name="IP-routing-group-1"<br/>owner="client-11@relay-server-1.abc.net"&gt;</code> |   |     |
| <code>&lt;routing_network id="3407e8" lastmod="1215530239484"&gt;</code>                                                                                            | } | 922 |
| <code>&lt;network addr="192.168.1.0/24"<br/>router="relay-server-1@abc.net"/&gt;</code>                                                                             |   |     |
| <code>&lt;network addr="200.1.3.0/24"<br/>router="client-32@relay-server-3.abc.net"/&gt;</code>                                                                     |   |     |
| <code>&lt;/routing_network&gt;</code>                                                                                                                               |   |     |
| <code>&lt;routing_terminal id="-120ef" lastmod="1215531987906"&gt;</code>                                                                                           | } | 923 |
| <code>&lt;terminal lastmod="1215562271562"<br/>name="pc-15" addr="192.168.1.150"/&gt;</code>                                                                        |   |     |
| <code>&lt;terminal lastmod="1215562271562"<br/>name="LAN30-3" addr="200.1.3.*"/&gt;</code>                                                                          |   |     |
| <code>&lt;/routing_terminal&gt;</code>                                                                                                                              |   |     |
| <code>&lt;routing_session id="3407e8" lastmod="1215530239484"&gt;</code>                                                                                            | } | 924 |
| <code>&lt;session start="relay-server-1@abc.net"<br/>end="client-32@relay-server-3.abc.net"/&gt;</code>                                                             |   |     |
| <code>&lt;/routing_session&gt;</code>                                                                                                                               |   |     |
| <code>&lt;/iprouting&gt;</code>                                                                                                                                     |   |     |
| <code>&lt;/root&gt;</code>                                                                                                                                          |   |     |

FIG. 22

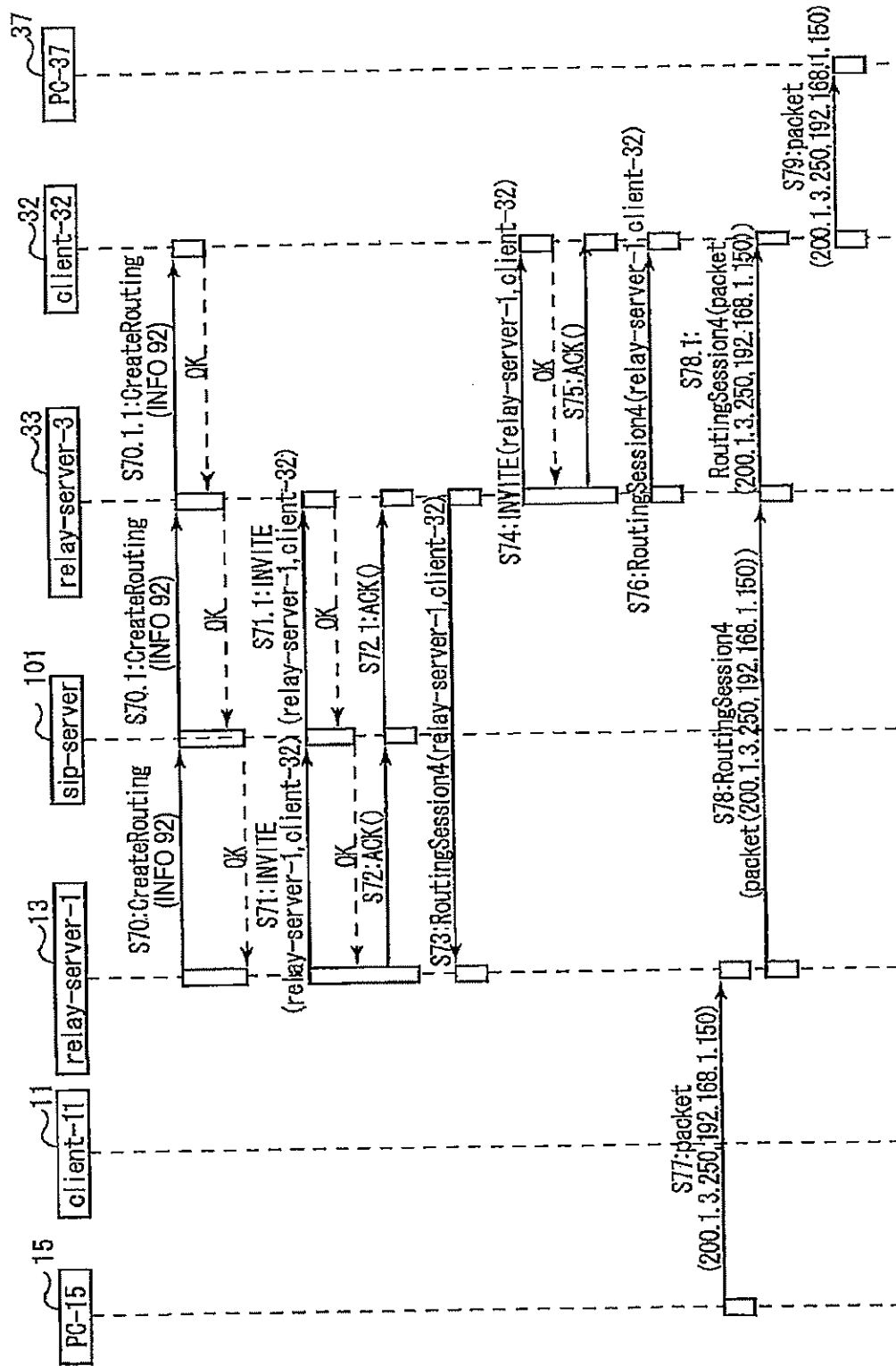


FIG. 23

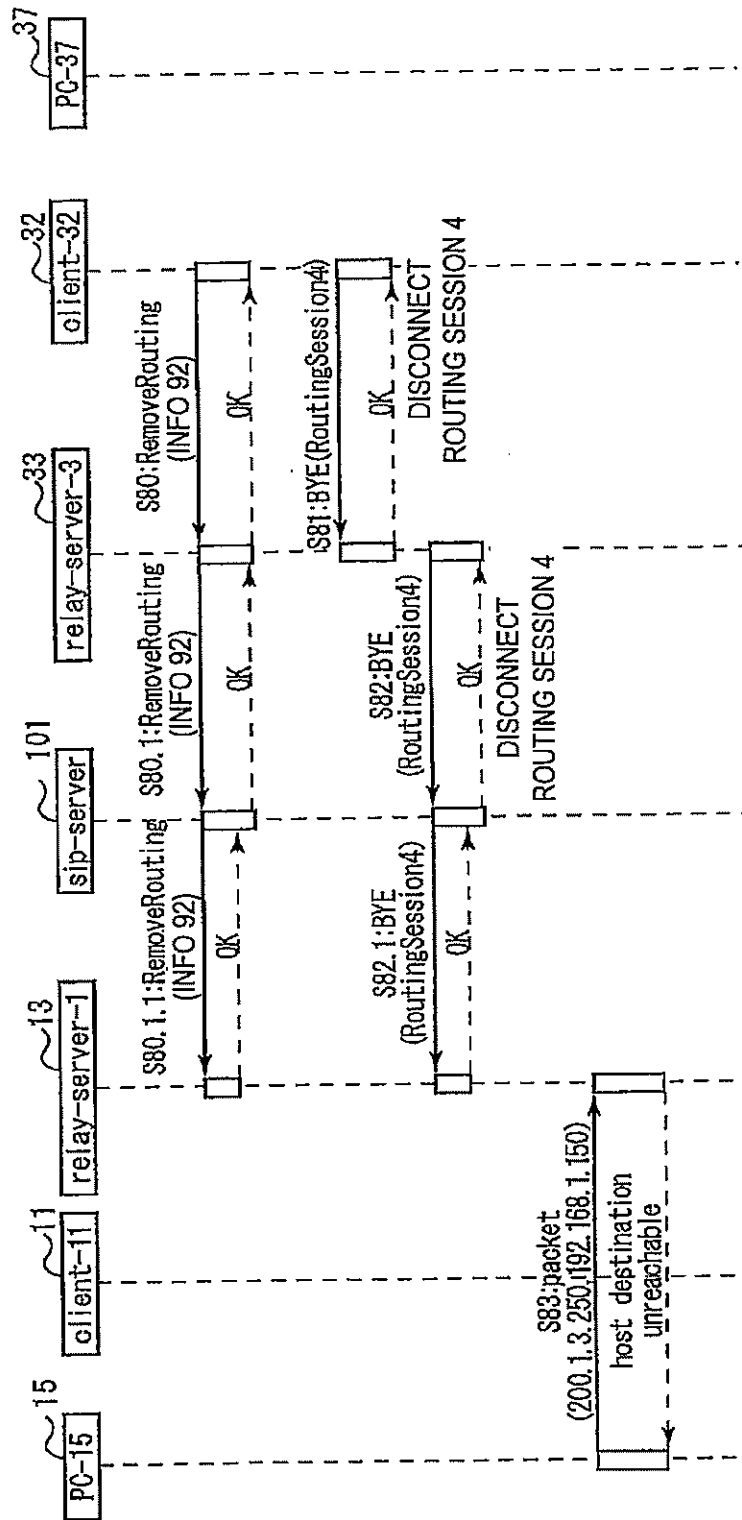


FIG. 24

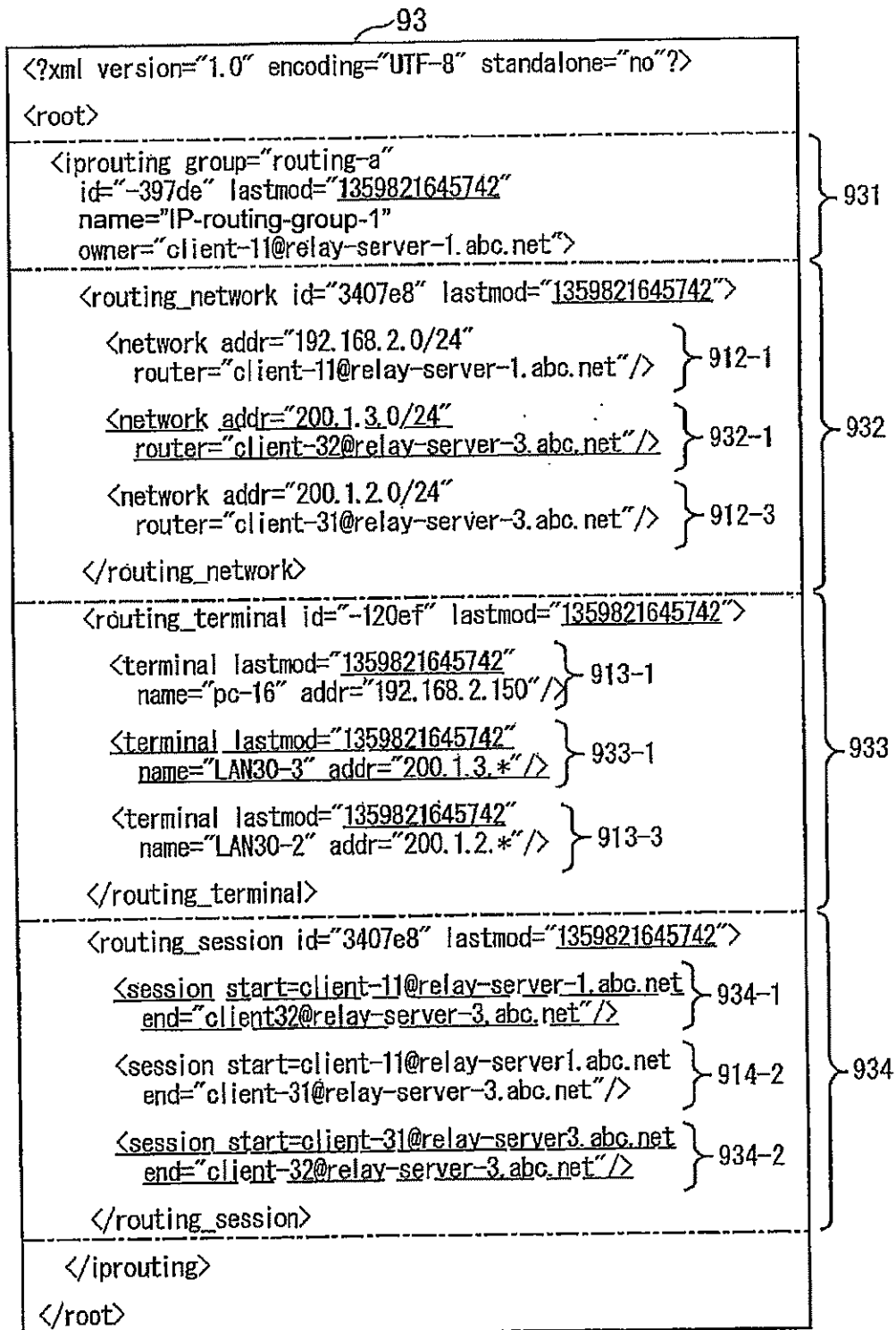


FIG. 25

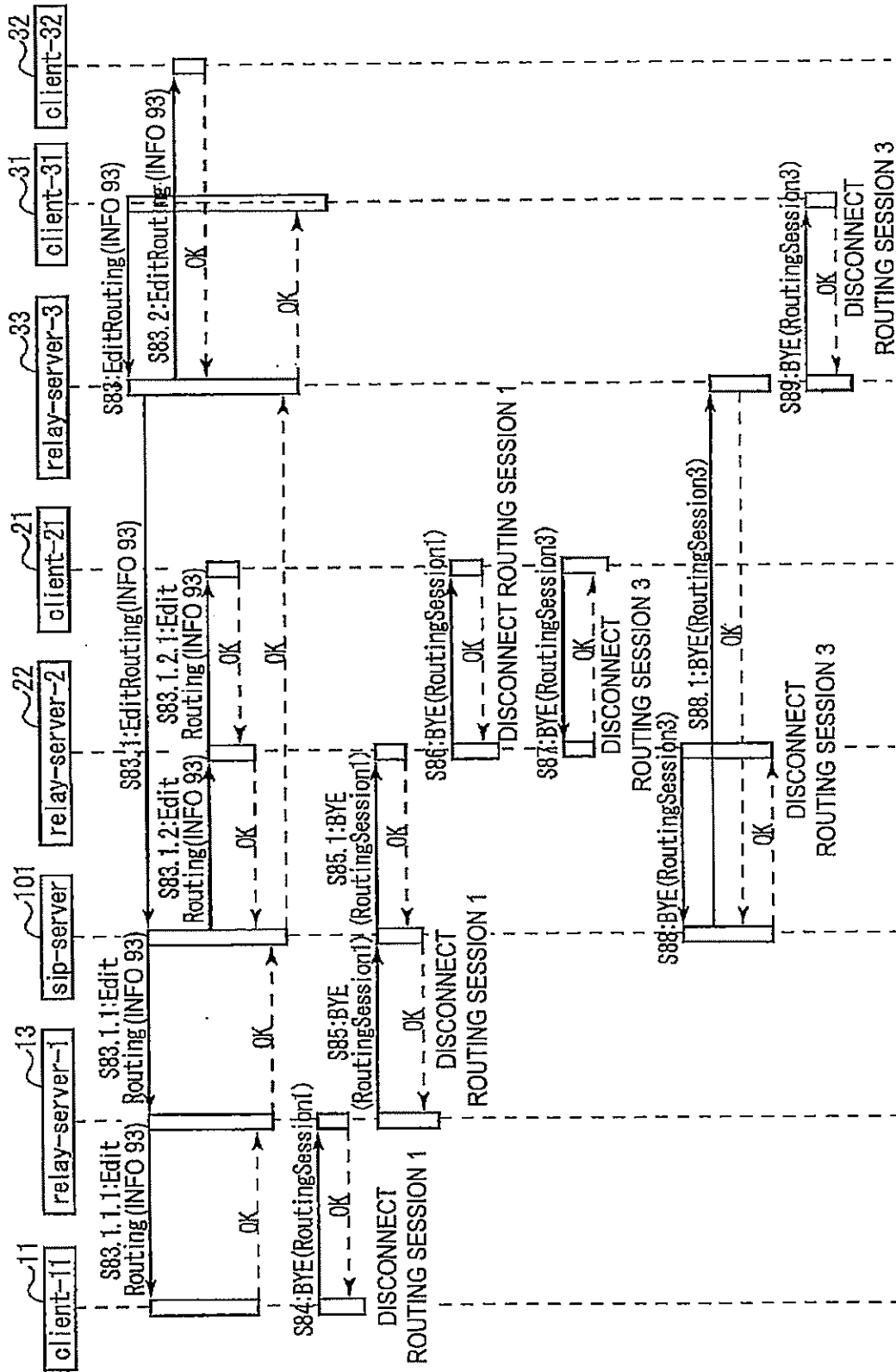


FIG. 26

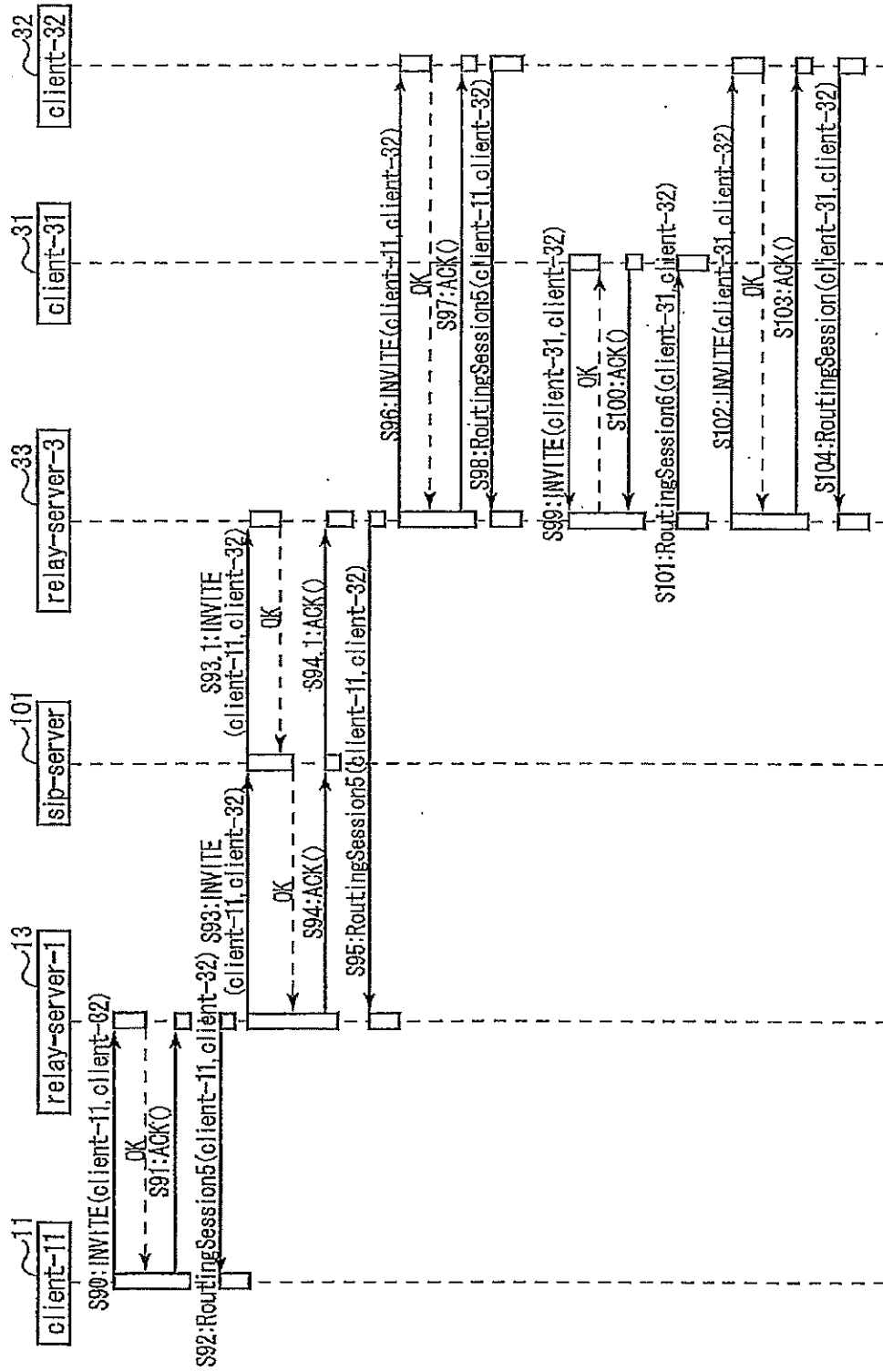


FIG. 27

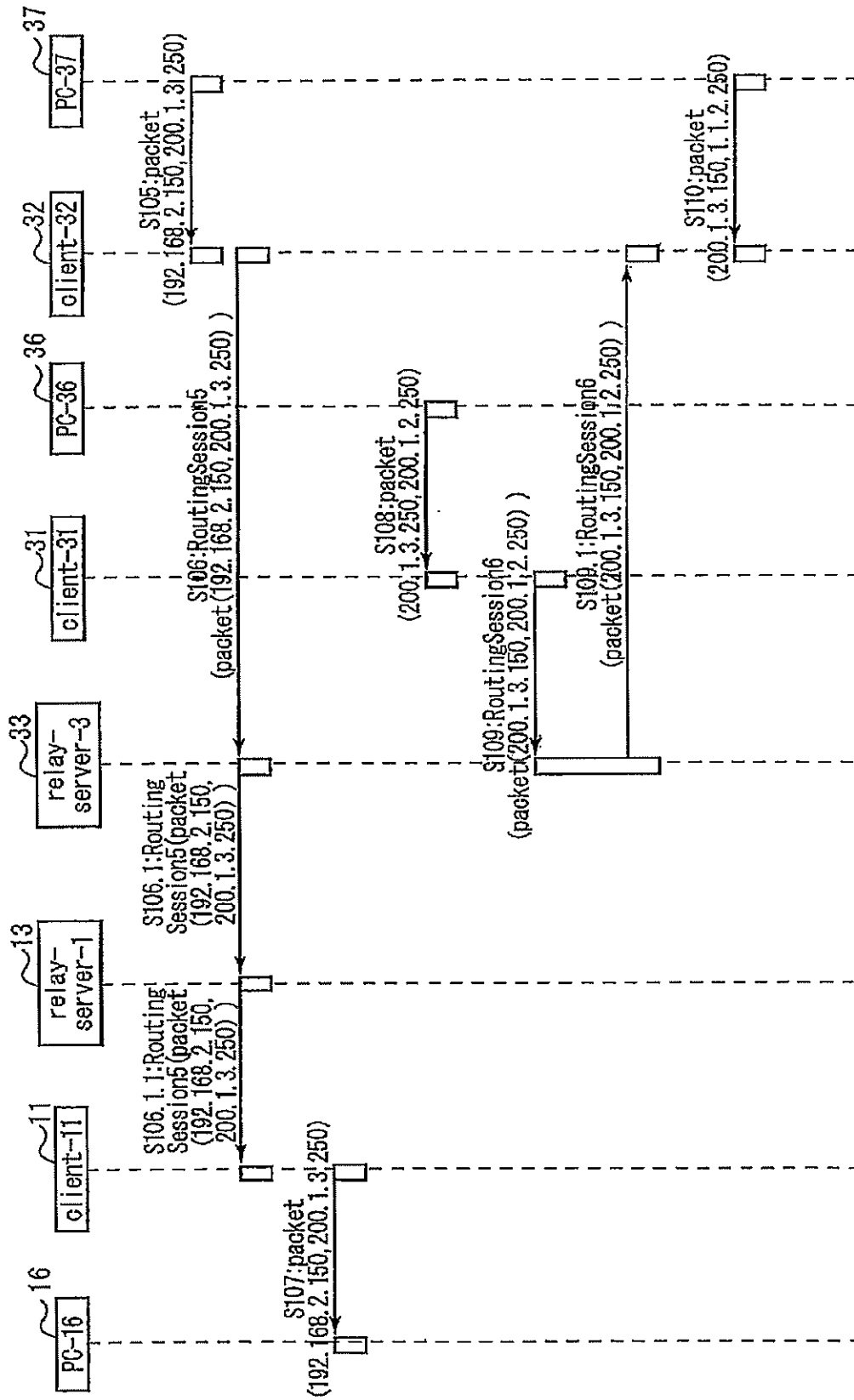


FIG. 28

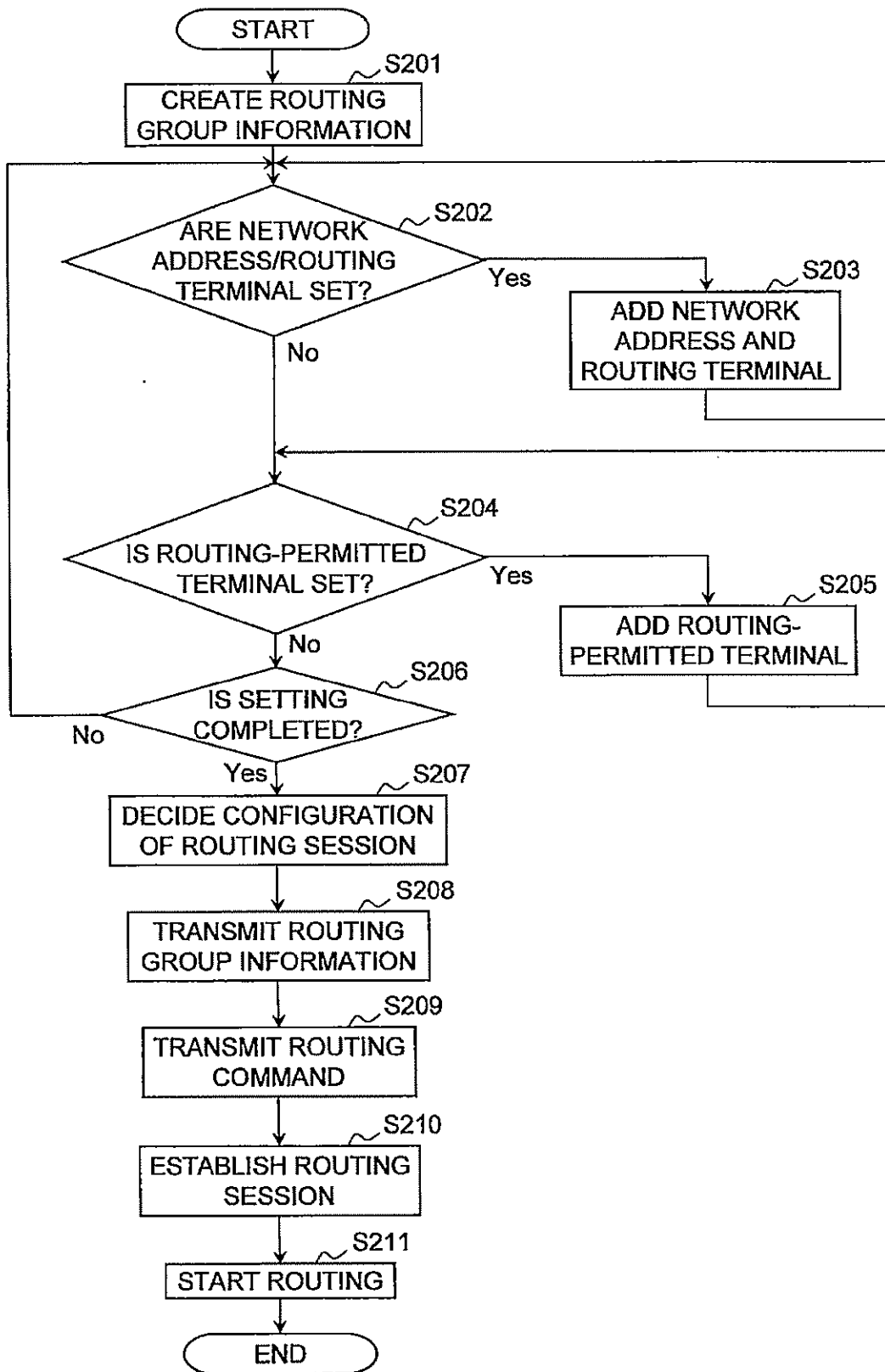


FIG. 29

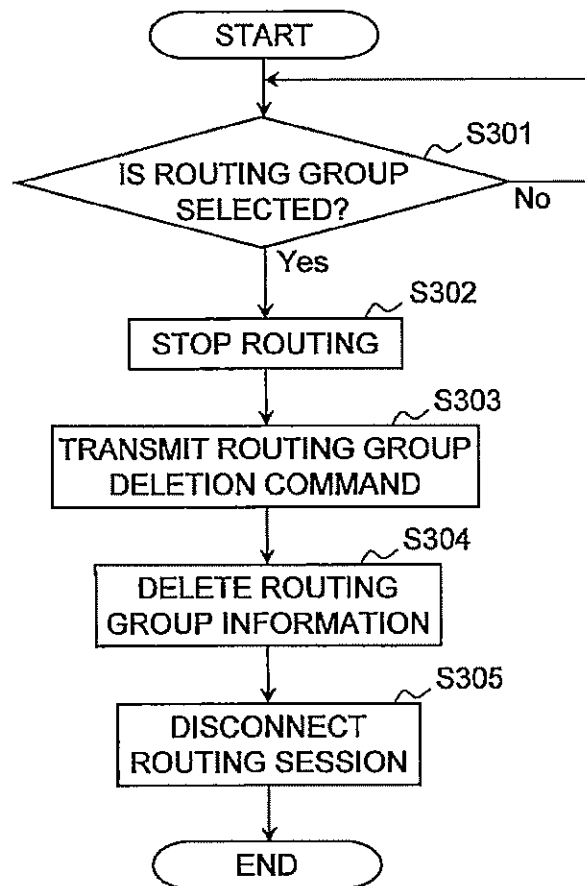


FIG. 30

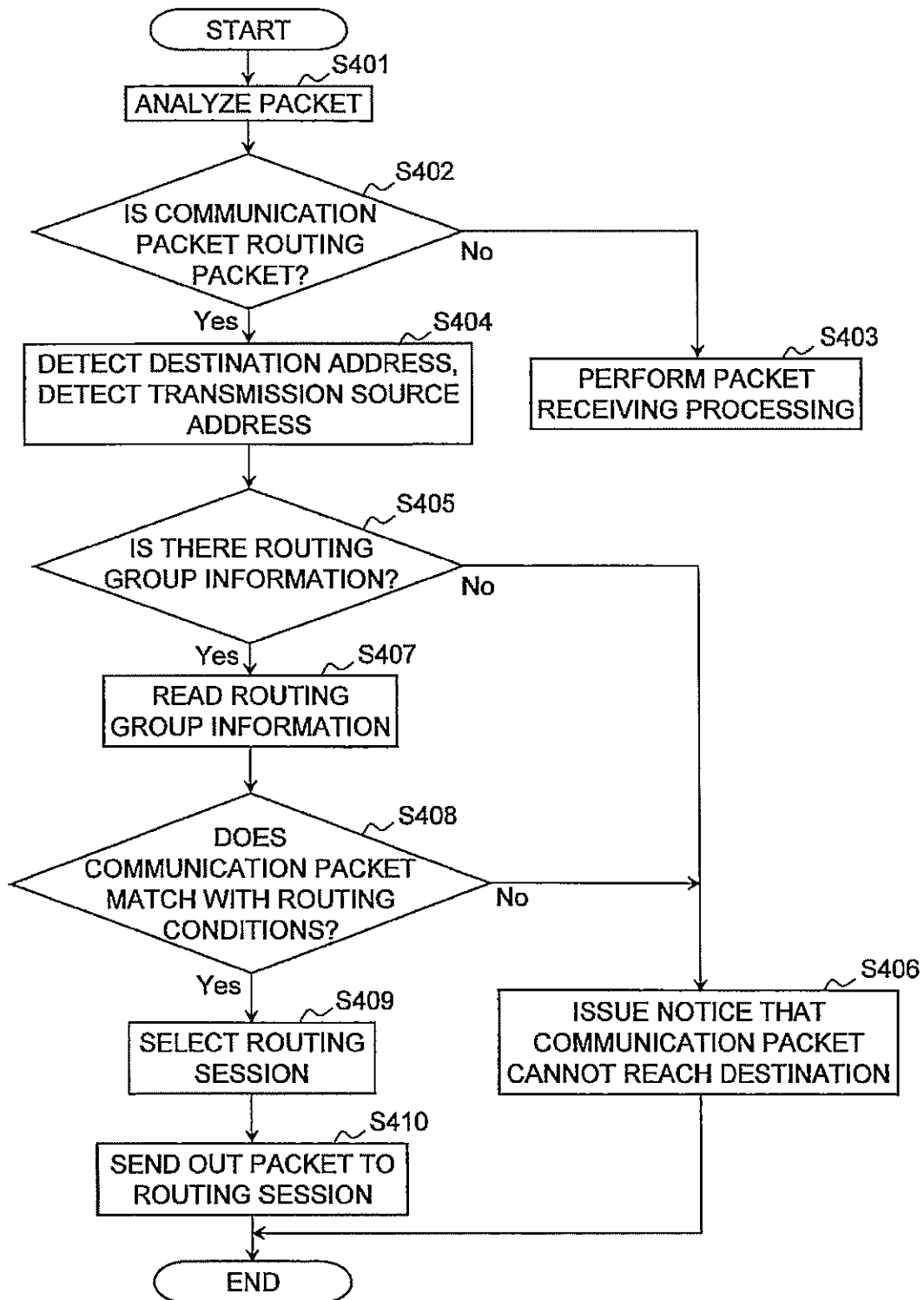


FIG. 31

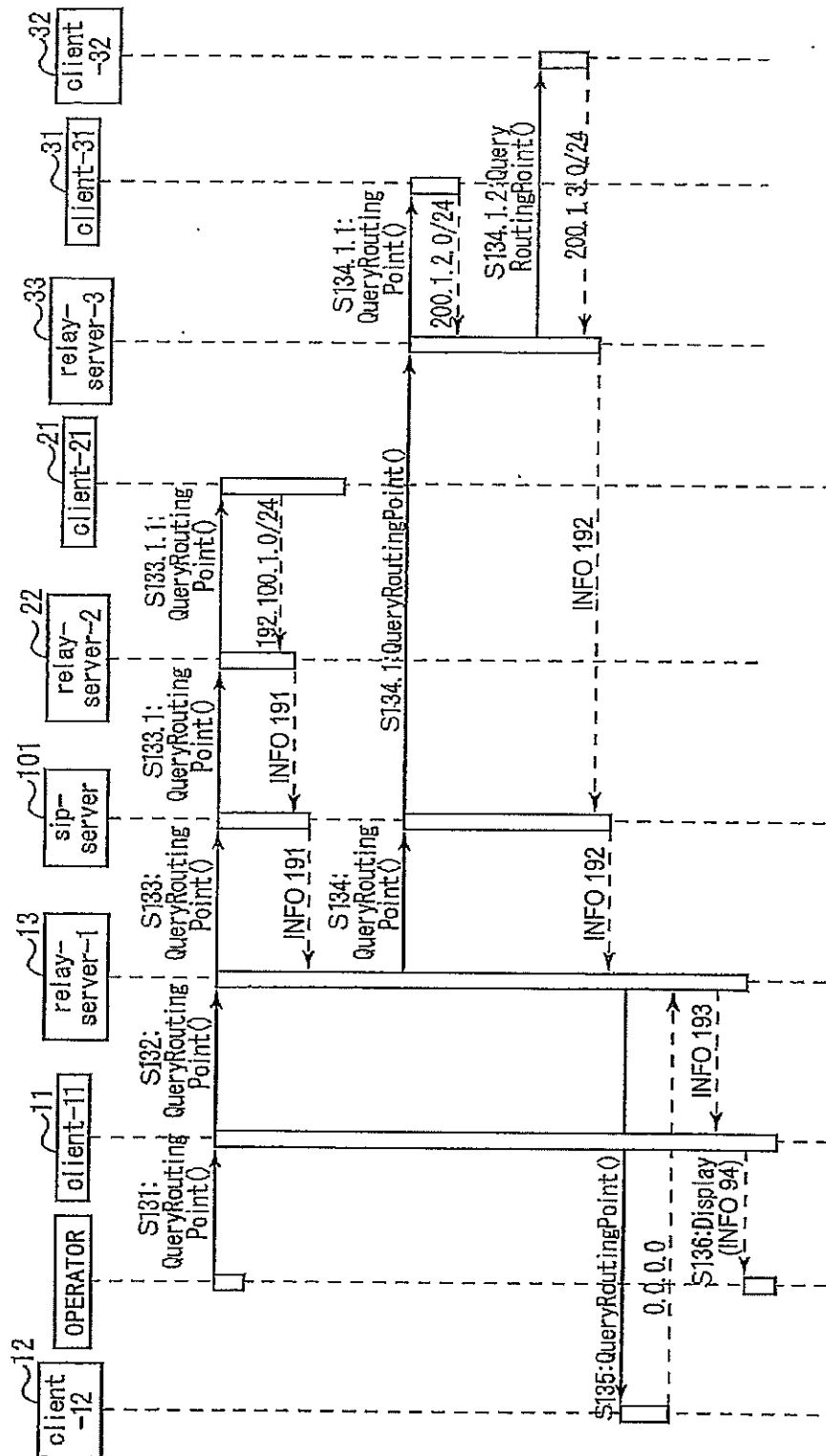


FIG. 32

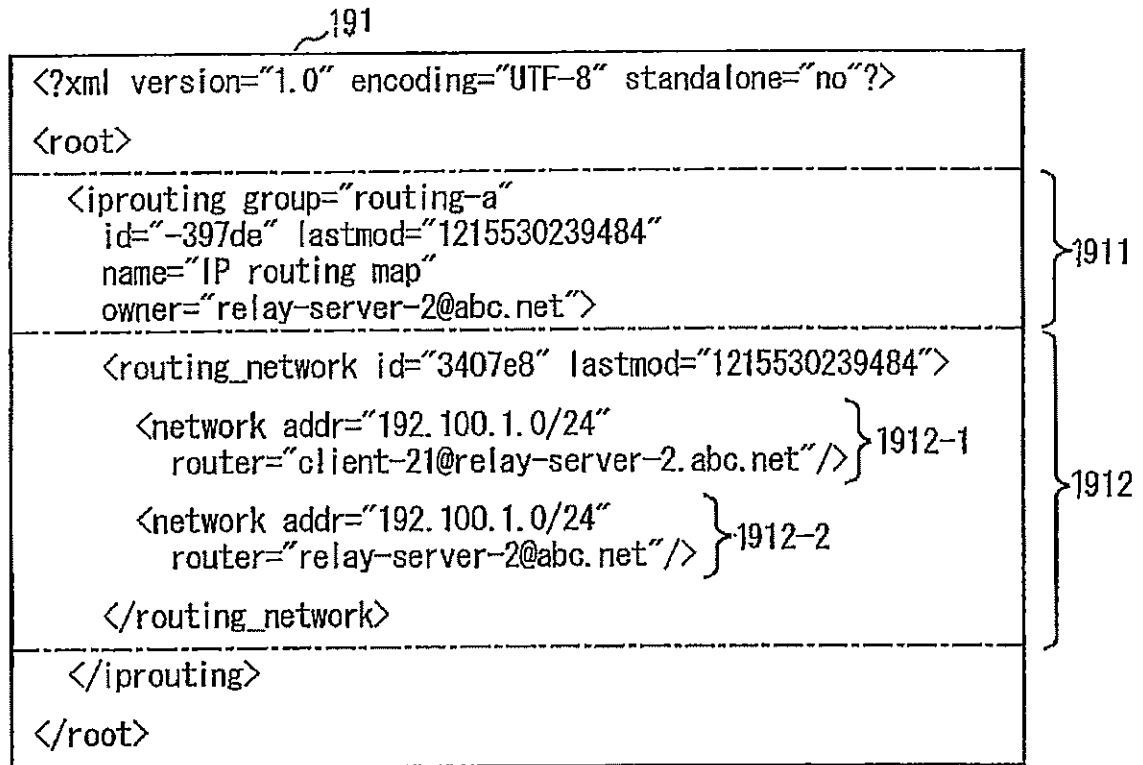


FIG. 33

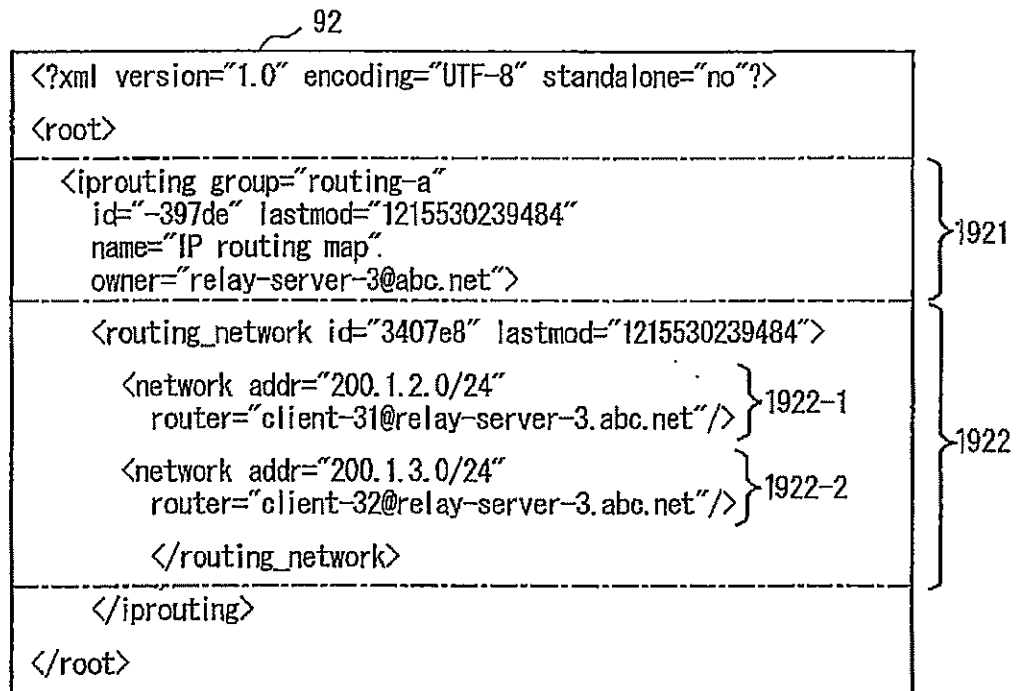


FIG. 34

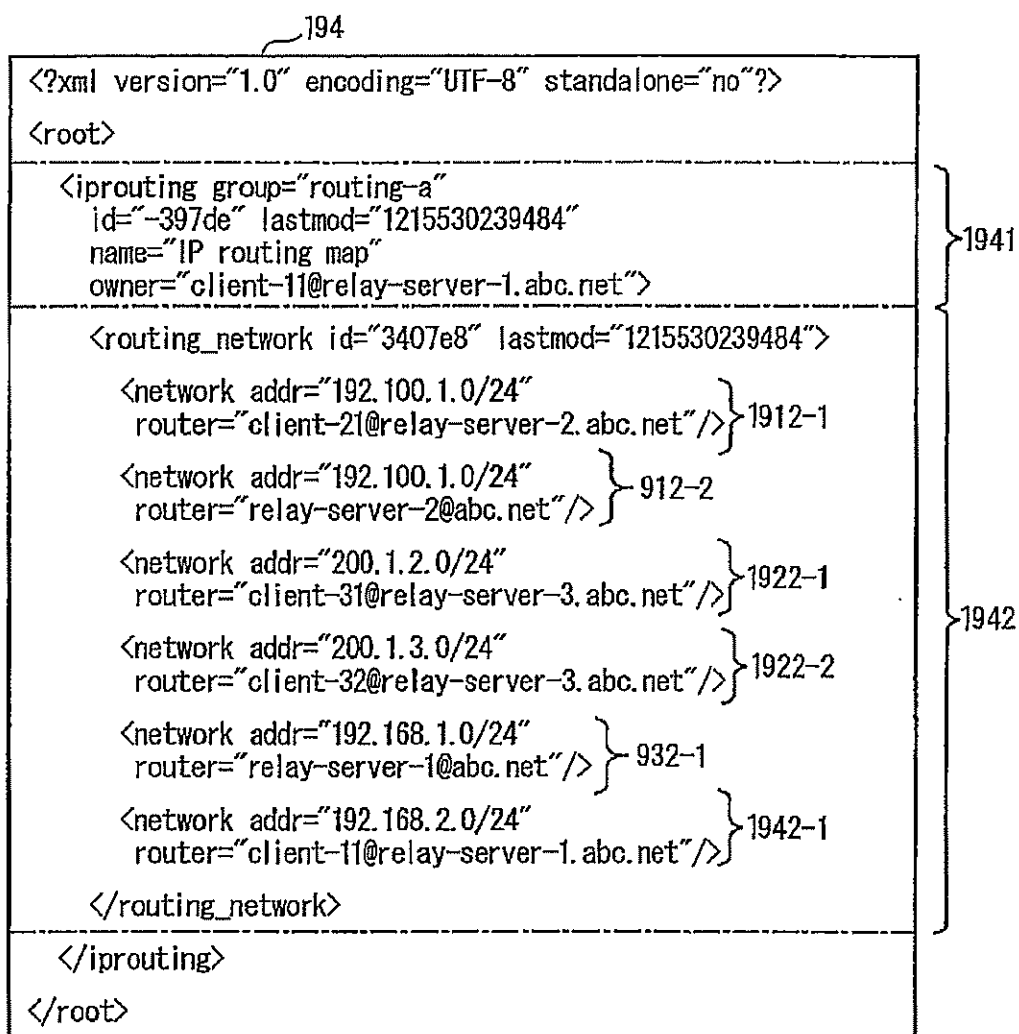


FIG. 35

| ROUTING TARGET<br>IP ADDRESS | ROUTING DEVICE                                             |
|------------------------------|------------------------------------------------------------|
| 192.100.1.0                  | client-21@relay-server-2.abc.net<br>relay-server-2@abc.net |
| 200.1.2.0                    | client-31@relay-server-3.abc.net                           |
| 200.1.3.0                    | client-32@relay-server-3.abc.net                           |
| 192.168.1.0                  | relay-server-1@abc.net                                     |
| 192.168.2.0                  | client-11@relay-server-3.abc.net                           |

FIG. 36

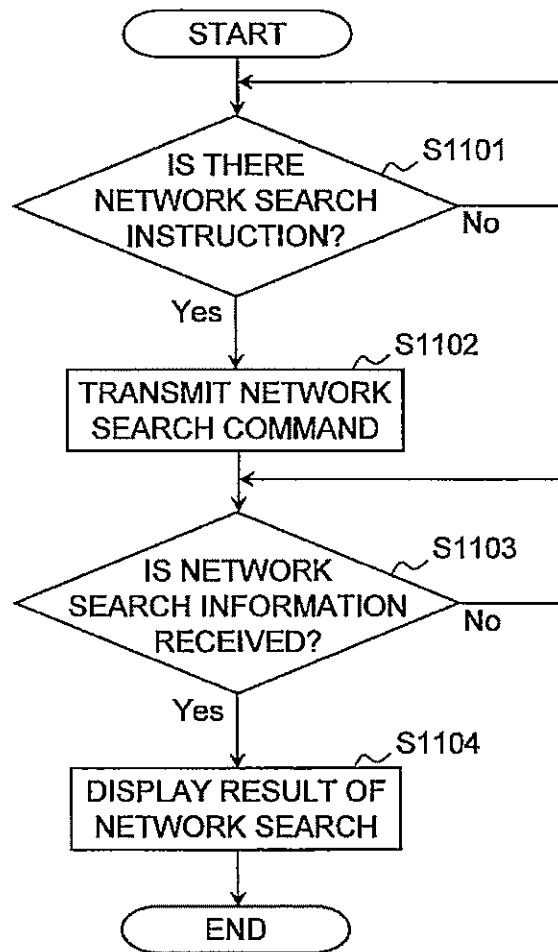


FIG. 37

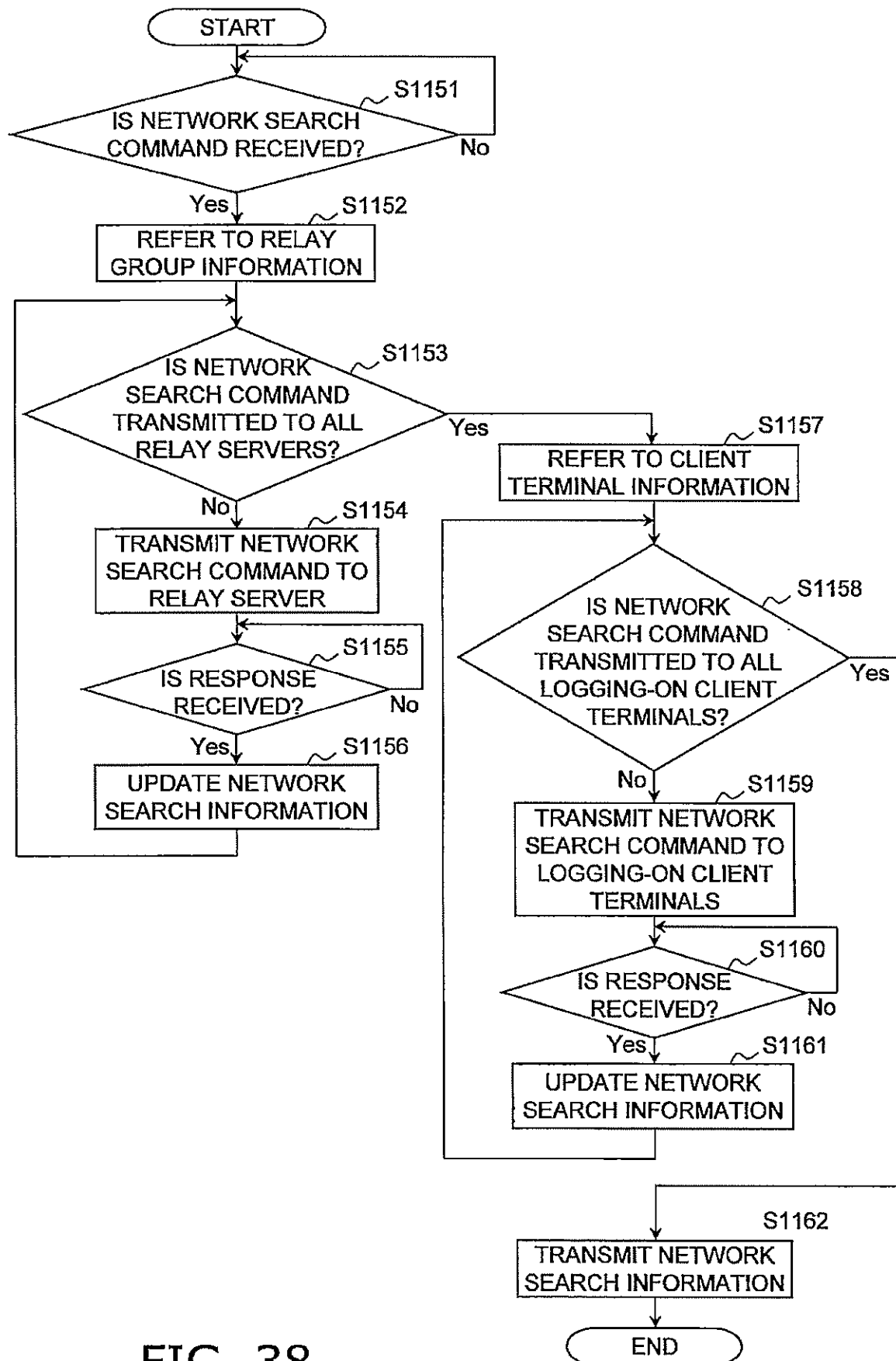
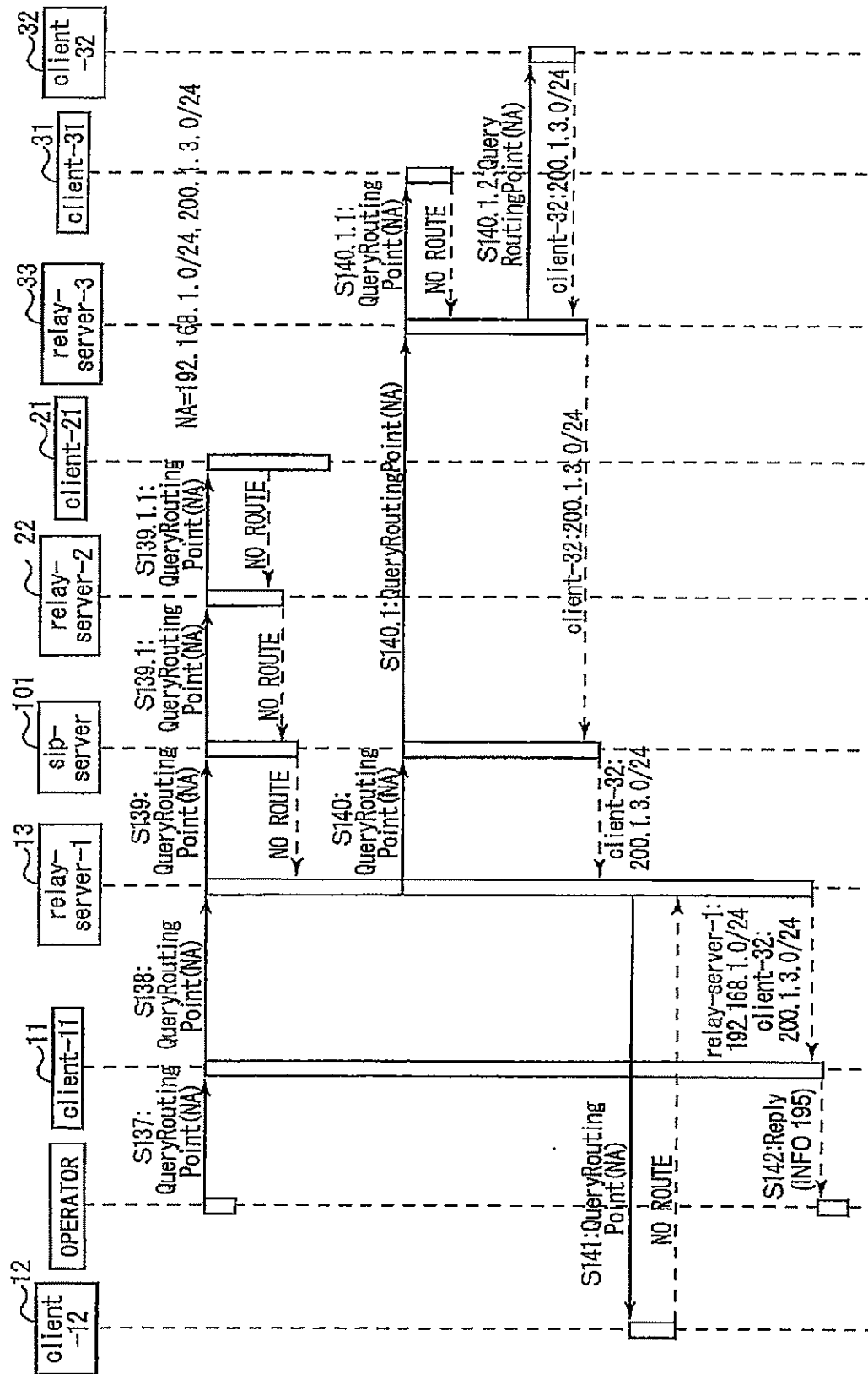


FIG. 38



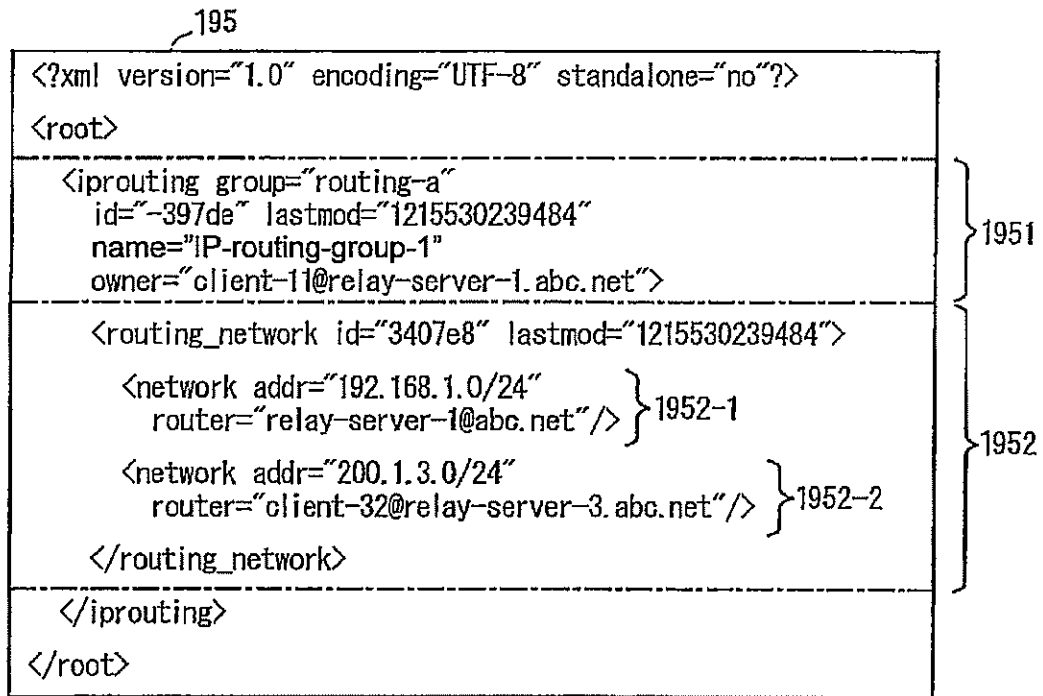
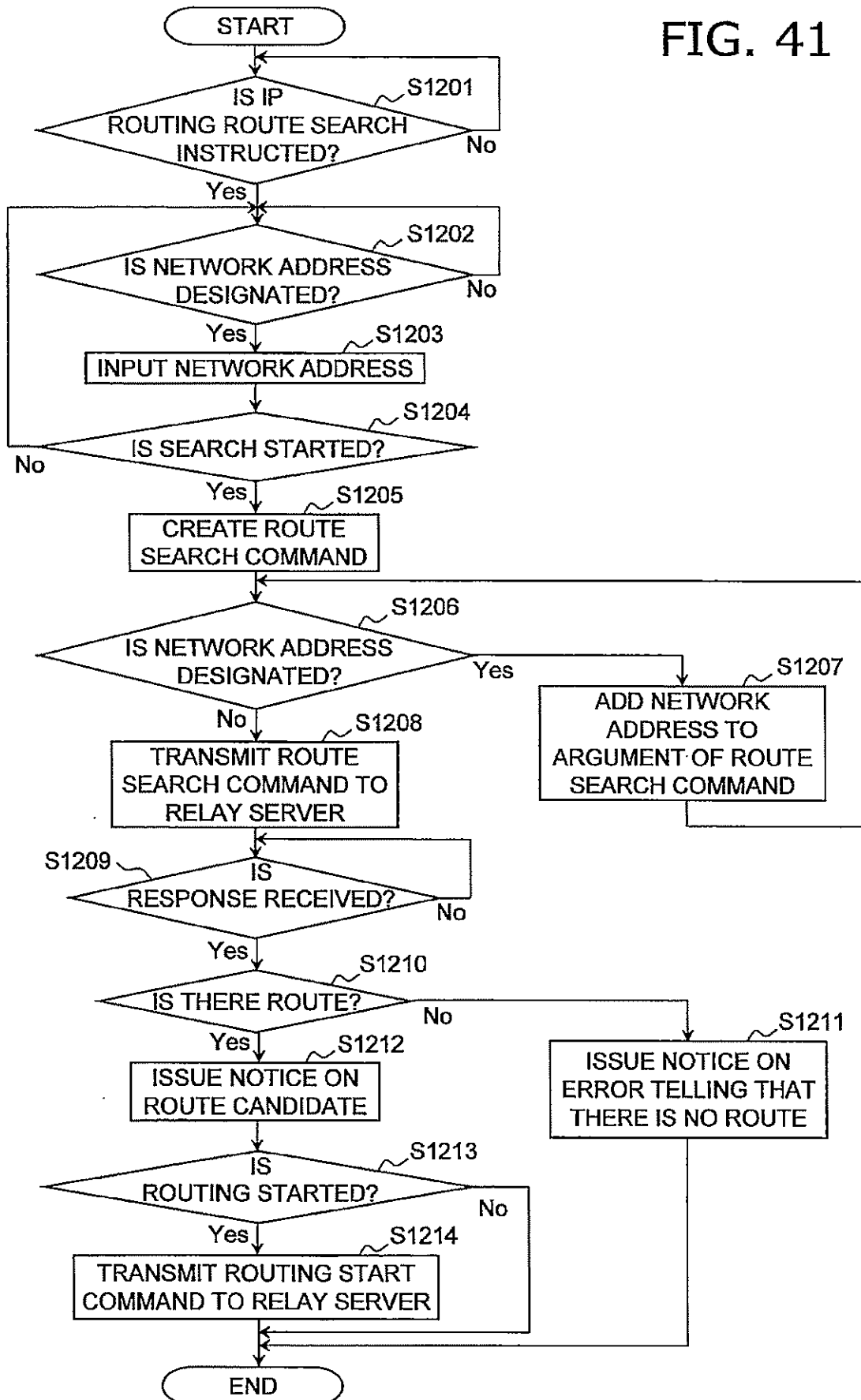
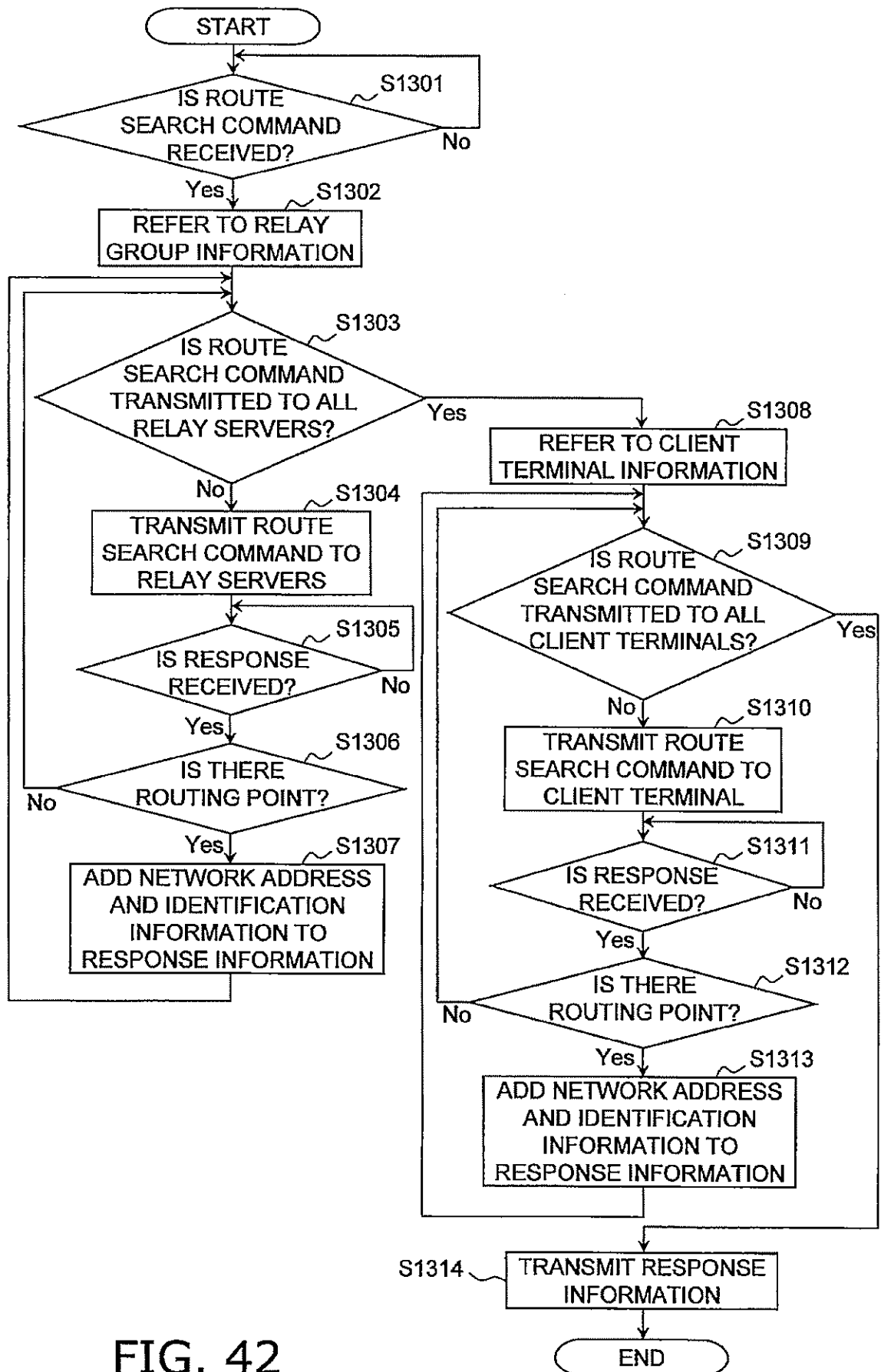


FIG. 40

FIG. 41





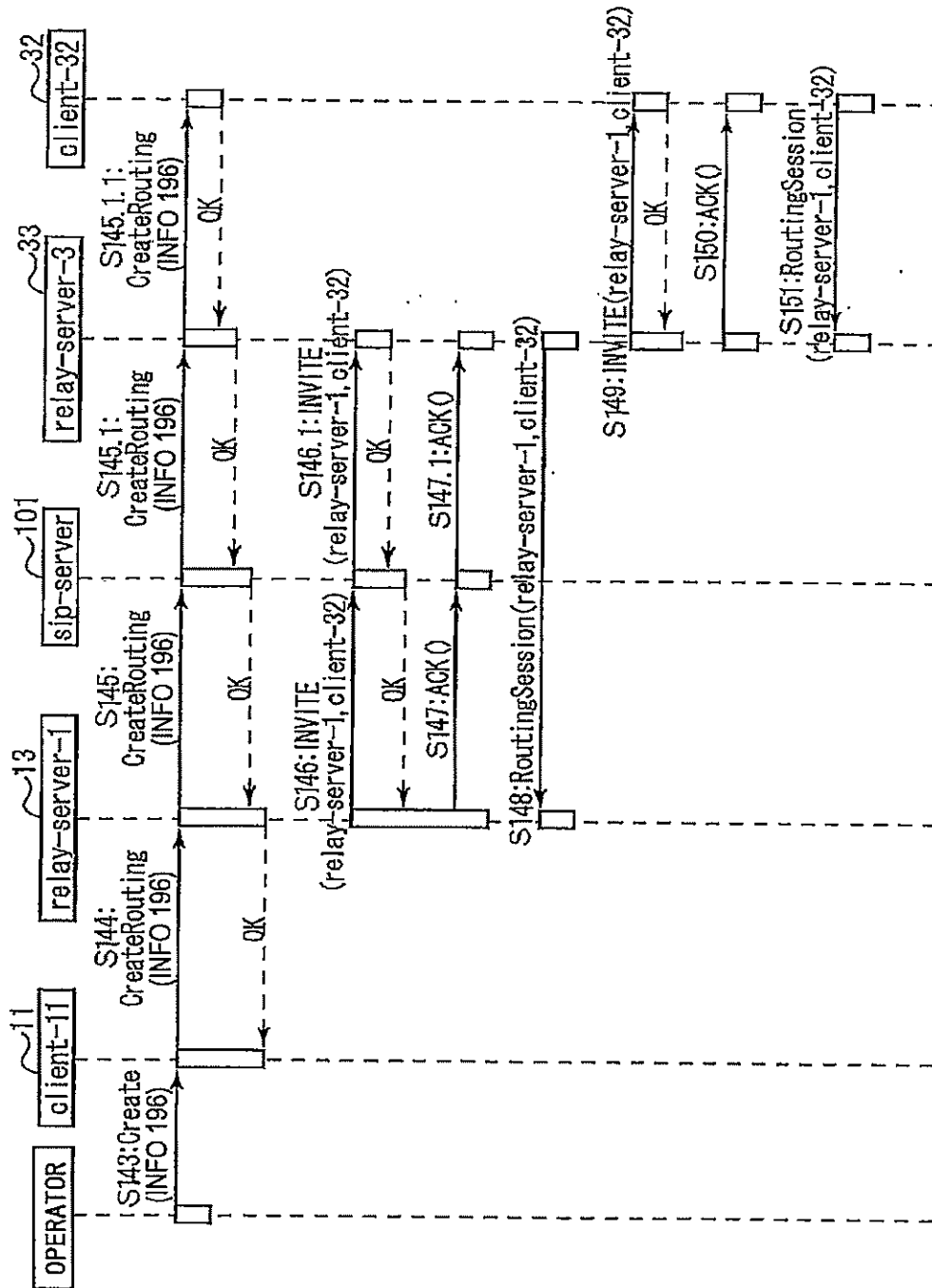


FIG. 43

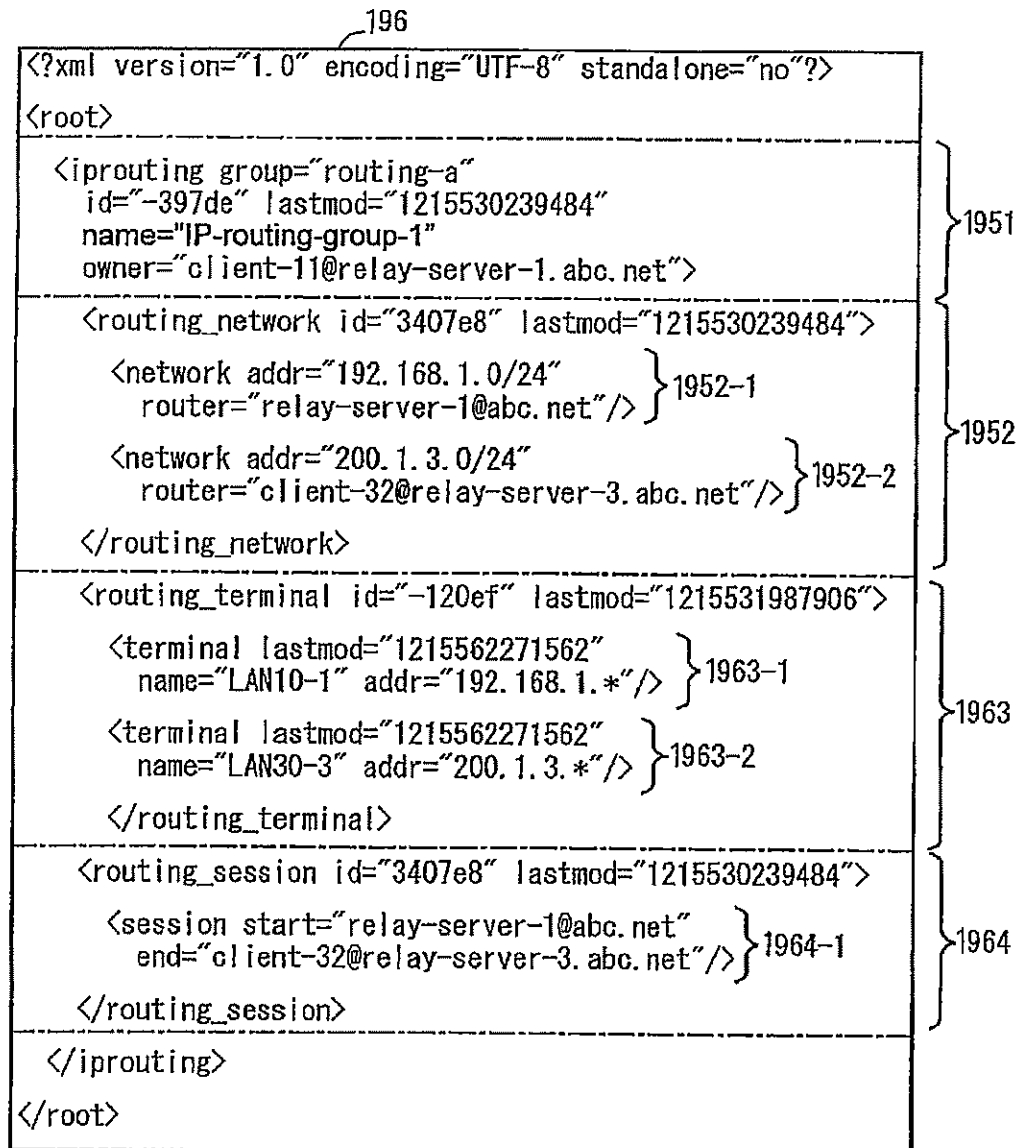


FIG. 44

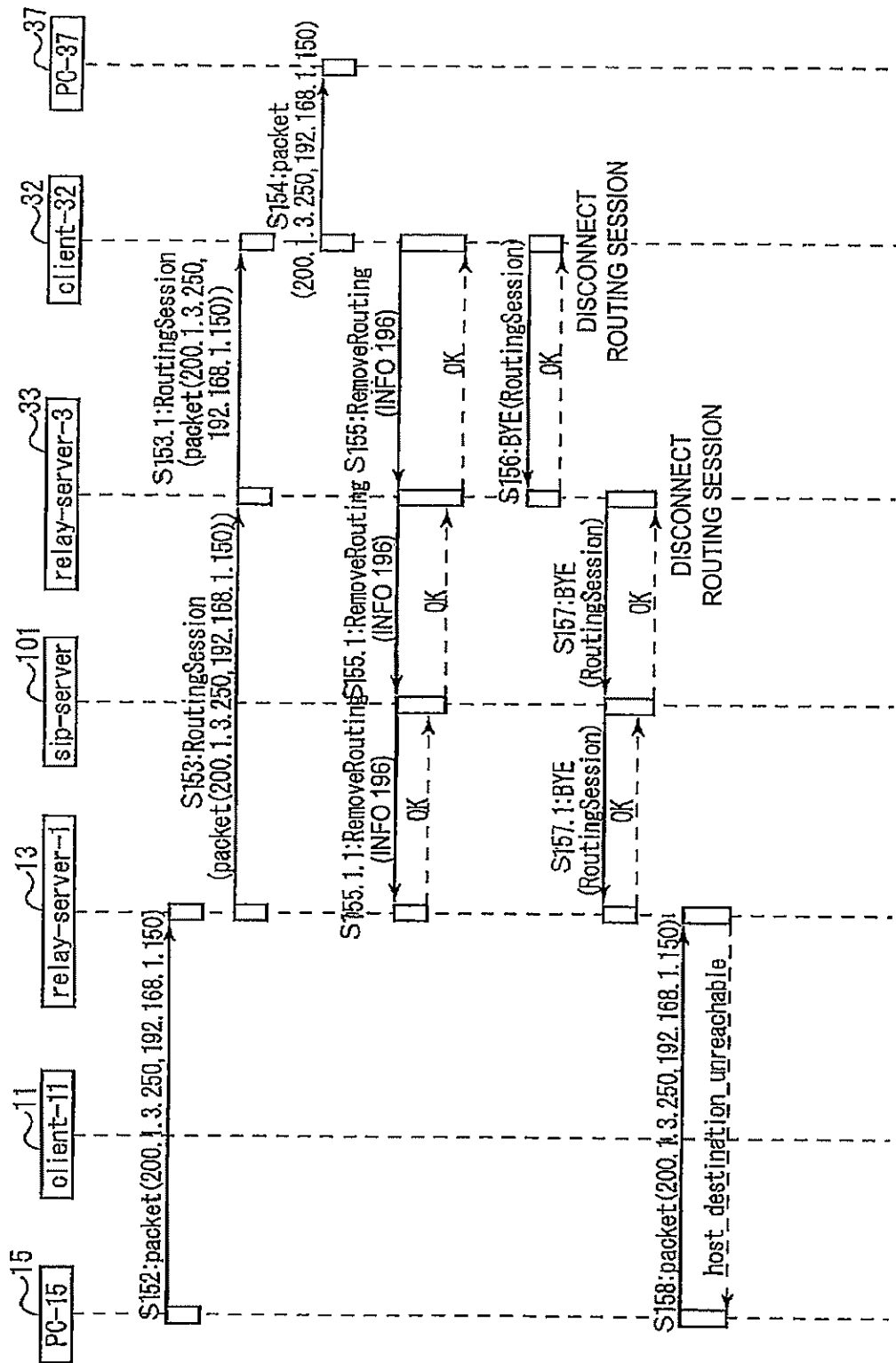


FIG. 45