

FIG. 1

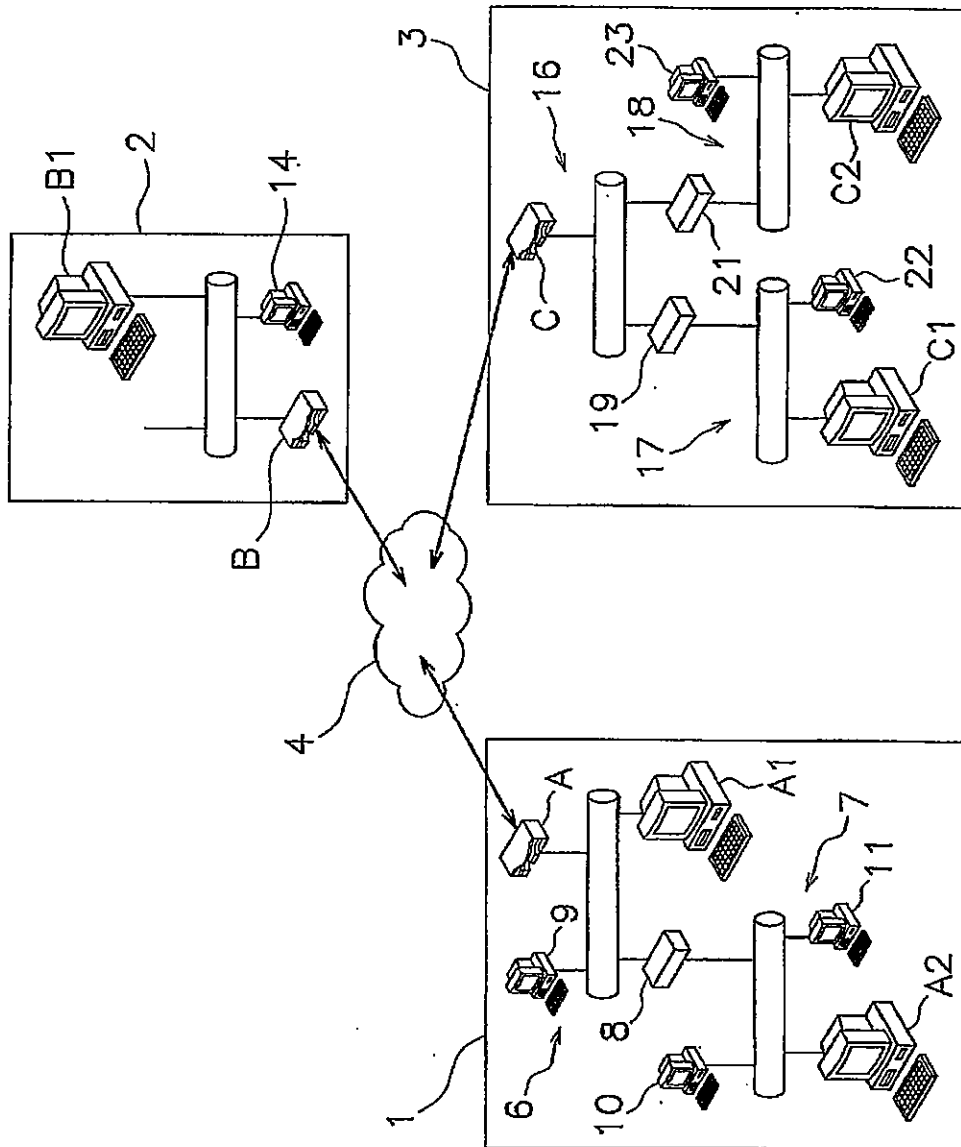


FIG. 2

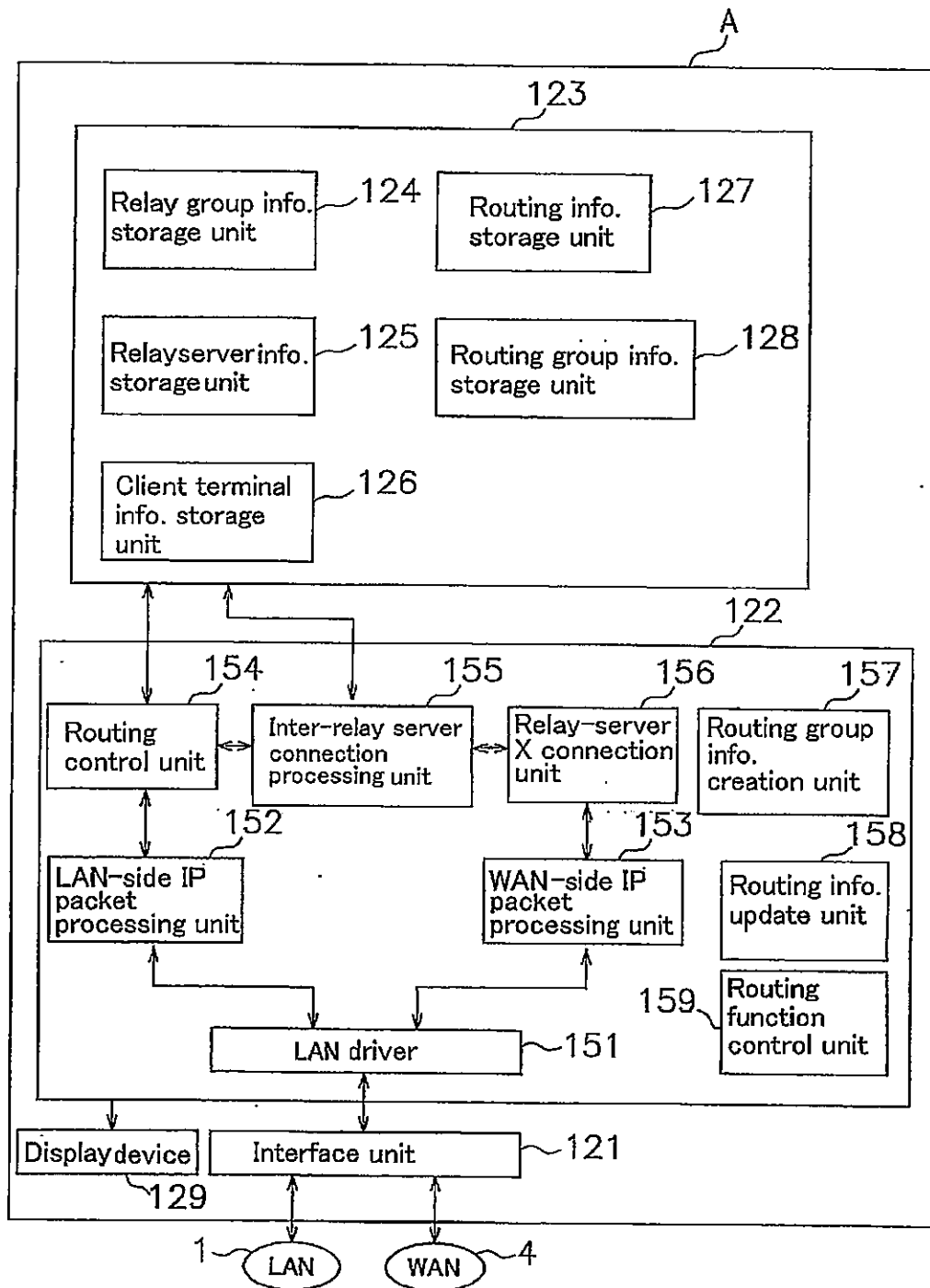


FIG.3

group1	relayserverA	relayserverB	relayserverC
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FIG.4

20

```
<?xml version="1.0" encoding="UTF-8" standalone="no" ?>
- <root>
- <group id="20070402133100@serverA.relay.net" } 201
  lastmod="20070402133100" name="group1">
    <site id="serverA@relay.net" rel="allow" />
    <site id="serverB@relay.net" rel="allow" /> } 202
    <site id="serverC@relay.net" rel="allow" />
  </group>
</root>
```

FIG.5

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relayserverA	clientA1
	clientA2
relayserverB	clientB1
relayserverC	clientC1
	clientC2

FIG. 6

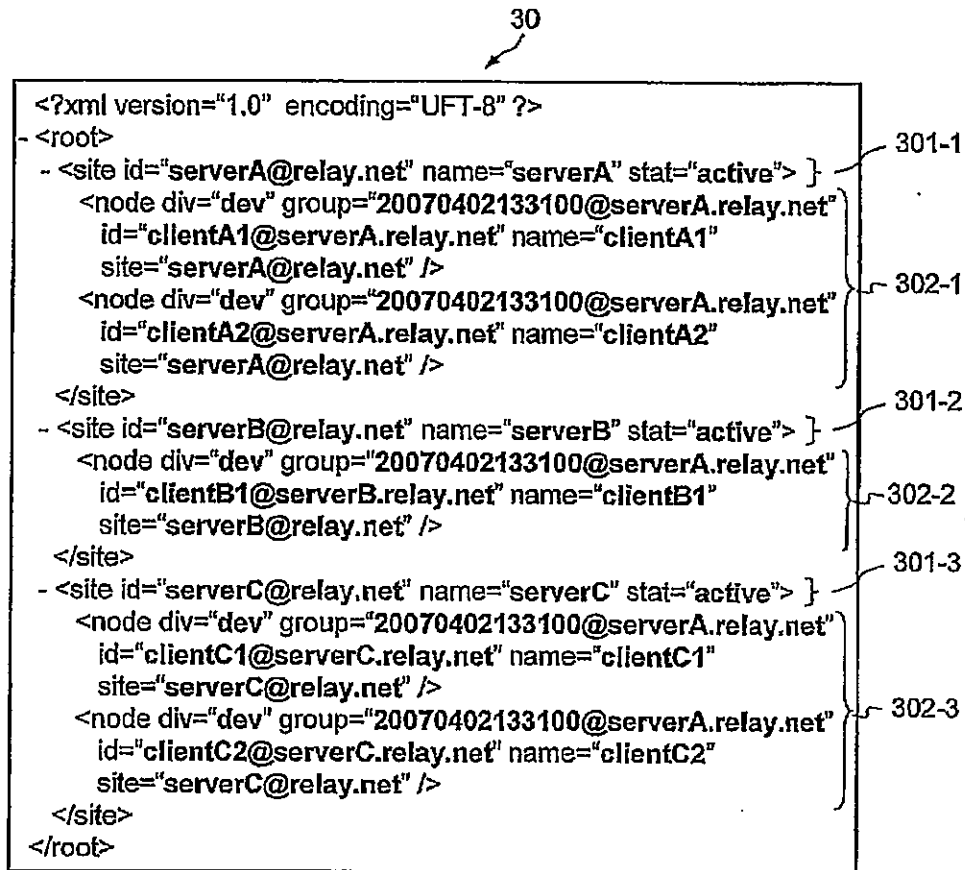


FIG. 7

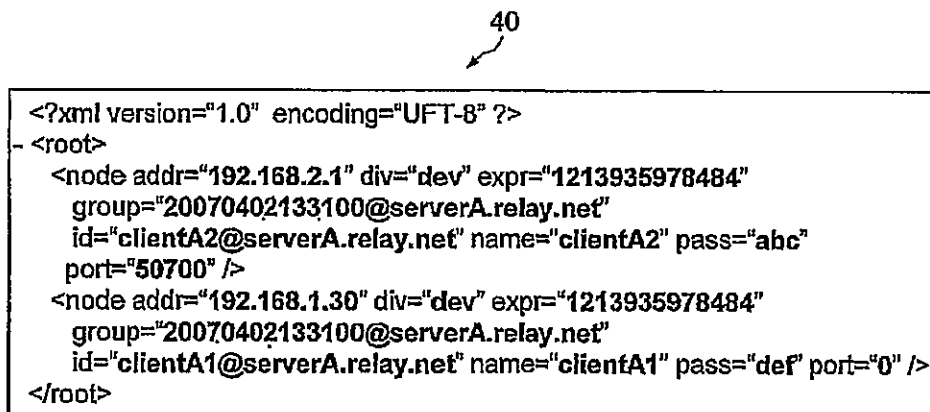


FIG. 8

50

```

<?xml version="1.0" encoding="UTF-8" ?>
<root>
  <node addr="192.100.1.3" div="dev" expr="1213935978484"
    group="20070402133100@serverA.relay.net"
    id="clientB1@serverB.relay.net" name="clientB1" pass="abc"
    port="50700" />
</root>

```

FIG. 9

60

```

<?xml version="1.0" encoding="UTF-8" ?>
<root>
  <node addr="200.1.2.1" div="dev" expr="1213935978484"
    group="20070402133100@serverA.relay.net"
    id="clientC1@serverC.relay.net" name="clientC1" pass="abc"
    port="50700" />
  <node addr="200.1.3.100" div="dev" expr="1213935978484"
    group="20070402133100@serverA.relay.net"
    id="clientC2@serverC.relay.net" name="clientC2" pass="def" port="0" />
</root>

```

FIG. 10

70

70-1	relayserverA	192.168.1.10
		192.168.1.20
		192.168.1.30
70-2	clientA2	192.168.2.1
		192.168.2.2
		192.168.2.3
70-3	clientB1	192.100.1.2
70-4	clientC1	200.1.2.1
		200.1.2.2
70-5	clientC2	200.1.3.0/24

FIG.11

70

```

<?xml version="1.0" encoding="UTF-8" ?>
- <root>
  - <router id="serverA@relay.net">
    <dev addr="192.168.1.10" id="serverA.relay.net" />
    <dev addr="192.168.1.20" />
    <dev addr="192.168.1.30" id="clientA1@serverA.relay.net" />
  </router>
  - <router id="clientA2@serverA.relay.net">
    <dev addr="192.168.2.1" id="clientA2@serverA.relay.net" />
    <dev addr="192.168.2.2" />
    <dev addr="192.168.2.3" />
  </router>
  - <router id="clientB1@serverB.relay.net">
    <dev addr="192.100.1.2" id="clientB1@serverB.relay.net" />
  </router>
  - <router id="clientC1@serverC.relay.net">
    <dev addr="200.1.2.1" id="clientC1@serverC.relay.net" />
    <dev addr="200.1.2.2" />
  </router>
  - <router id="clientC2@serverC.relay.net">
    <dev addr="200.1.3.0/24" />
    <dev addr="200.1.3.100" id="clientC2@serverC.relay.net" />
  </router>
</root>

```

Diagram illustrating an XML structure (70) with five router elements, each containing device (dev) elements. The structure is grouped into five sections on the right:

- 70-1: Router `serverA@relay.net` containing three device elements: `192.168.1.10` (id: `serverA.relay.net`), `192.168.1.20`, and `192.168.1.30` (id: `clientA1@serverA.relay.net`).
- 70-2: Router `clientA2@serverA.relay.net` containing three device elements: `192.168.2.1` (id: `clientA2@serverA.relay.net`), `192.168.2.2`, and `192.168.2.3`.
- 70-3: Router `clientB1@serverB.relay.net` containing one device element: `192.100.1.2` (id: `clientB1@serverB.relay.net`).
- 70-4: Router `clientC1@serverC.relay.net` containing two device elements: `200.1.2.1` (id: `clientC1@serverC.relay.net`) and `200.1.2.2`.
- 70-5: Router `clientC2@serverC.relay.net` containing two device elements: `200.1.3.0/24` and `200.1.3.100` (id: `clientC2@serverC.relay.net`).

FIG.12

80
↙

routing groupA	relayserverA	192.168.1.10
		192.168.1.20
		192.168.1.30
	clientC2	200.1.3.0/24
routing groupB	clientA2	192.168.2.1
		192.168.2.2
		192.168.2.3
	clientB1	192.100.1.2
	clientC1	200.1.2.1
		200.1.2.2

FIG.13

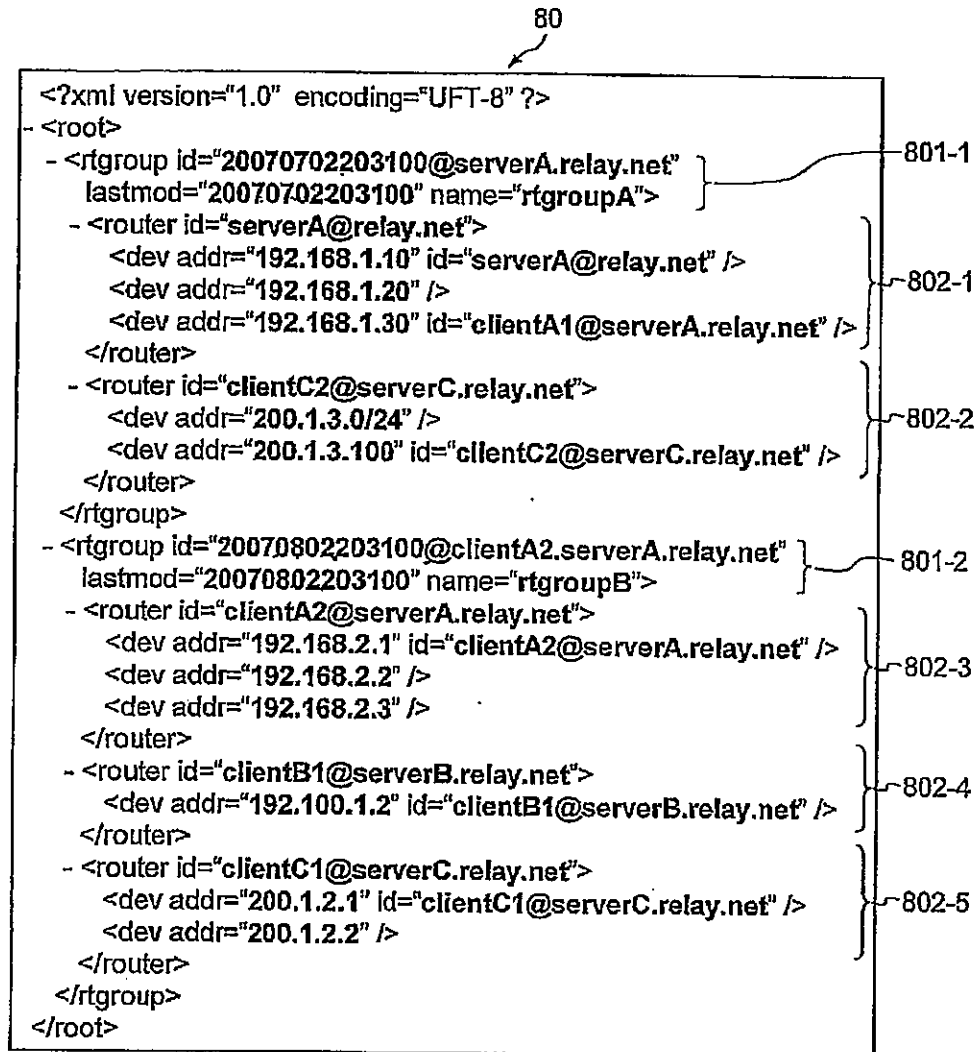


FIG.14

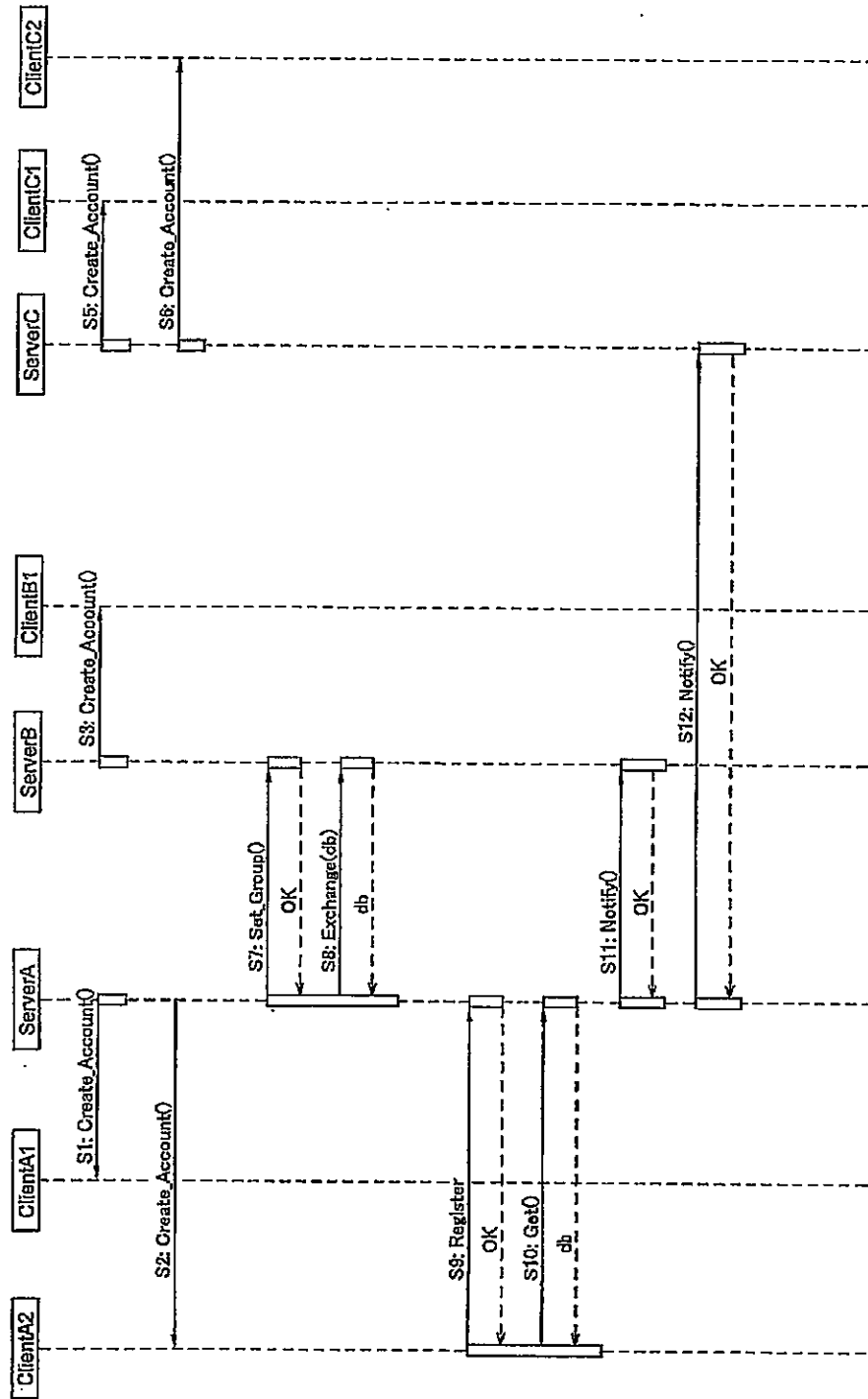


FIG.15

31-1

```

<?xml version="1.0" encoding="UTF-8" ?>
<root>
- <site id="serverA@relay.net" name="serverA" stat="active"> } 311-1
  <node div="dev" group="20070402133100@serverA.relay.net"
    id="clientA1@serverA.relay.net" name="clientA1"
    site="serverA@relay.net" />
  <node div="dev" group="20070402133100@serverA.relay.net"
    id="clientA2@serverA.relay.net" name="clientA2"
    site="serverA@relay.net" /> } 312-1
</site>
</root>

```

FIG.16

31-2

```

<?xml version="1.0" encoding="UTF-8" ?>
<root>
- <site id="serverB@relay.net" name="serverB" stat="active"> } 311-2
  <node div="dev" group="20070402133100@serverA.relay.net"
    id="clientB1@serverB.relay.net" name="clientB1"
    site="serverB@relay.net" />
  <node div="dev" group="20070402133100@serverA.relay.net"
    id="clientB2@serverB.relay.net" name="clientB2"
    site="serverB@relay.net" /> } 312-2
</site>
</root>

```

FIG.17

31-3

```

<?xml version="1.0" encoding="UTF-8" ?>
<root>
- <site id="serverC@relay.net" name="serverC" stat="active"> } 311-3
  <node div="dev" group="20070402133100@serverA.relay.net"
    id="clientC1@serverC.relay.net" name="clientC1"
    site="serverC@relay.net" />
  <node div="dev" group="20070402133100@serverA.relay.net"
    id="clientC2@serverC.relay.net" name="clientC2"
    site="serverC@relay.net" /> } 312-3
</site>
</root>

```

FIG.18

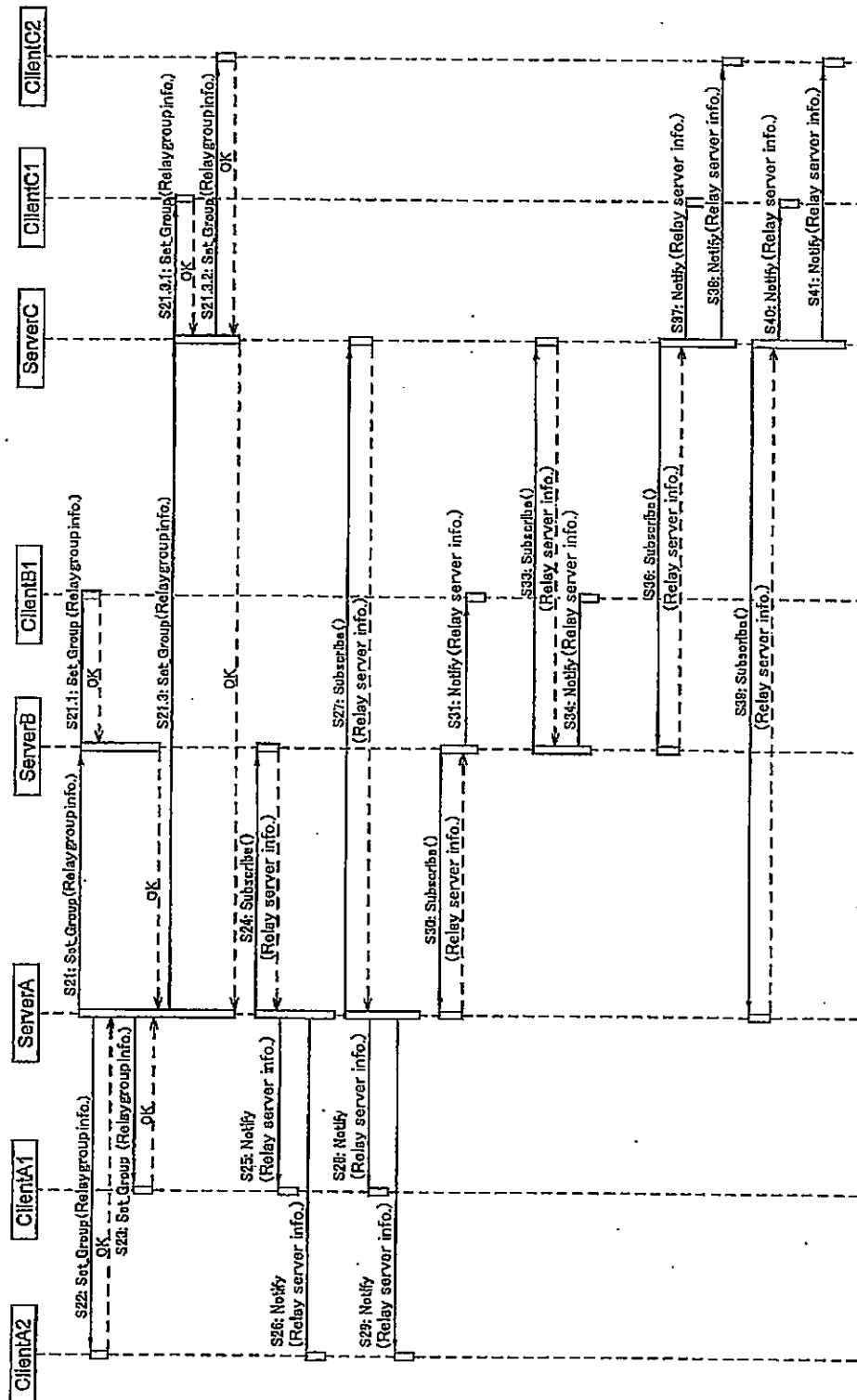


FIG.19

71-1

```

<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <router id="serverA@relay.net">
    <dev addr="192.168.1.10" id="serverA.relay.net" />
    <dev addr="192.168.1.20" />
    <dev addr="192.168.1.30" id="clientA1@serverA.relay.net" />
  </router>
</root>

```

FIG.20

71-2

```

<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <router id="clientA2@serverA.relay.net">
    <dev addr="192.168.2.1" id="clientA2@serverA.relay.net" />
    <dev addr="192.168.2.2" />
    <dev addr="192.168.2.3" />
  </router>
</root>

```

FIG.21

71-3

```

<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <router id="clientB1@serverB.relay.net">
    <dev addr="192.100.1.2" id="clientB1@serverB.relay.net" />
  </router>
</root>

```

FIG.22

71-4

```
<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <router id="clientC1@serverC.relay.net">
    <dev addr="200.1.2.1" id="clientC1@serverC.relay.net" />
    <dev addr="200.1.2.2" />
  </router>
</root>
```

FIG.23

71-5

```
<?xml version="1.0" encoding="UFT-8" ?>
- <root>
  - <router id="clientC2@serverC.relay.net">
    <dev addr="200.1.3.0/24" />
    <dev addr="200.1.3.100" id="clientC2@serverC.relay.net" />
  </router>
</root>
```

FIG.24

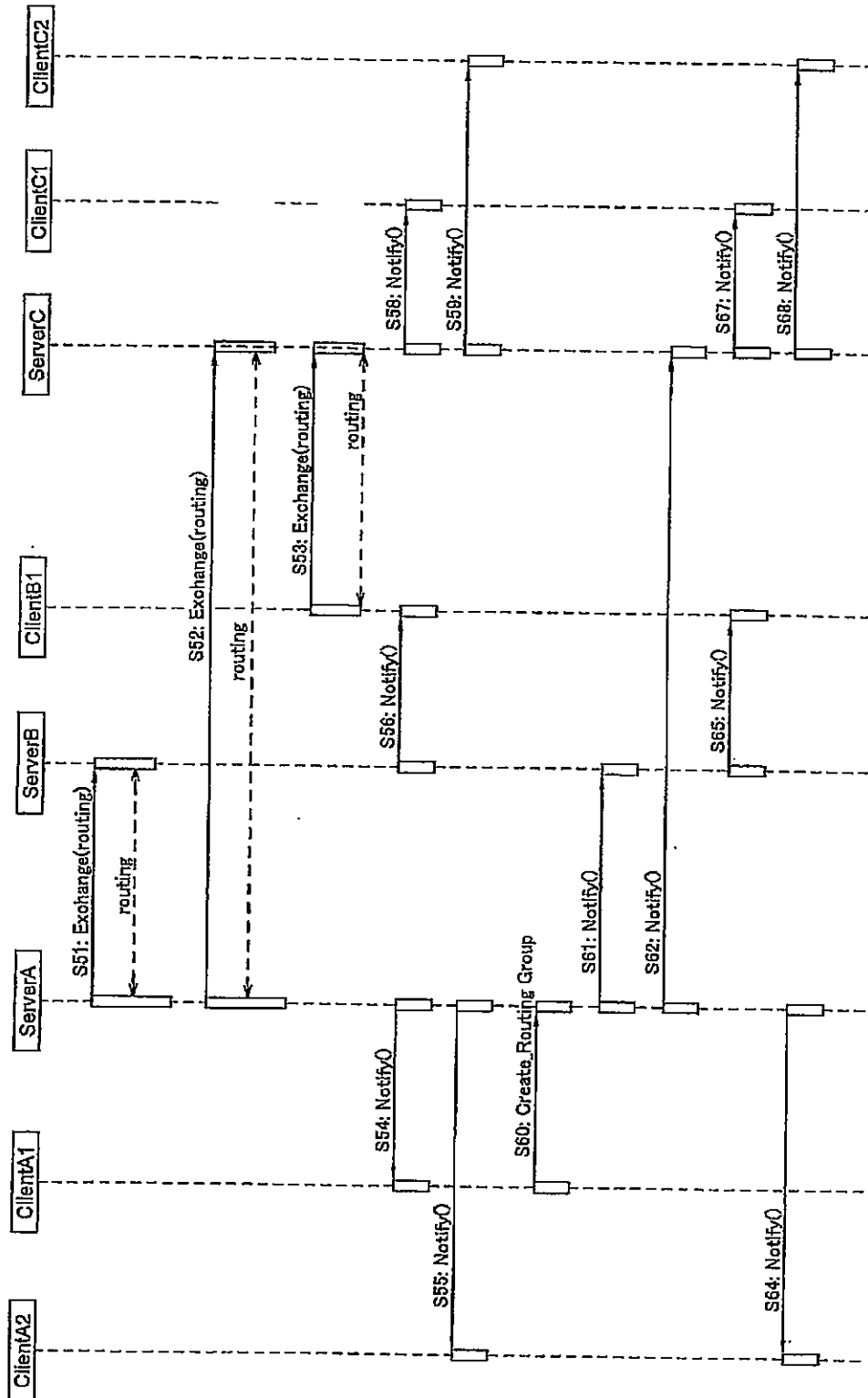


FIG.25

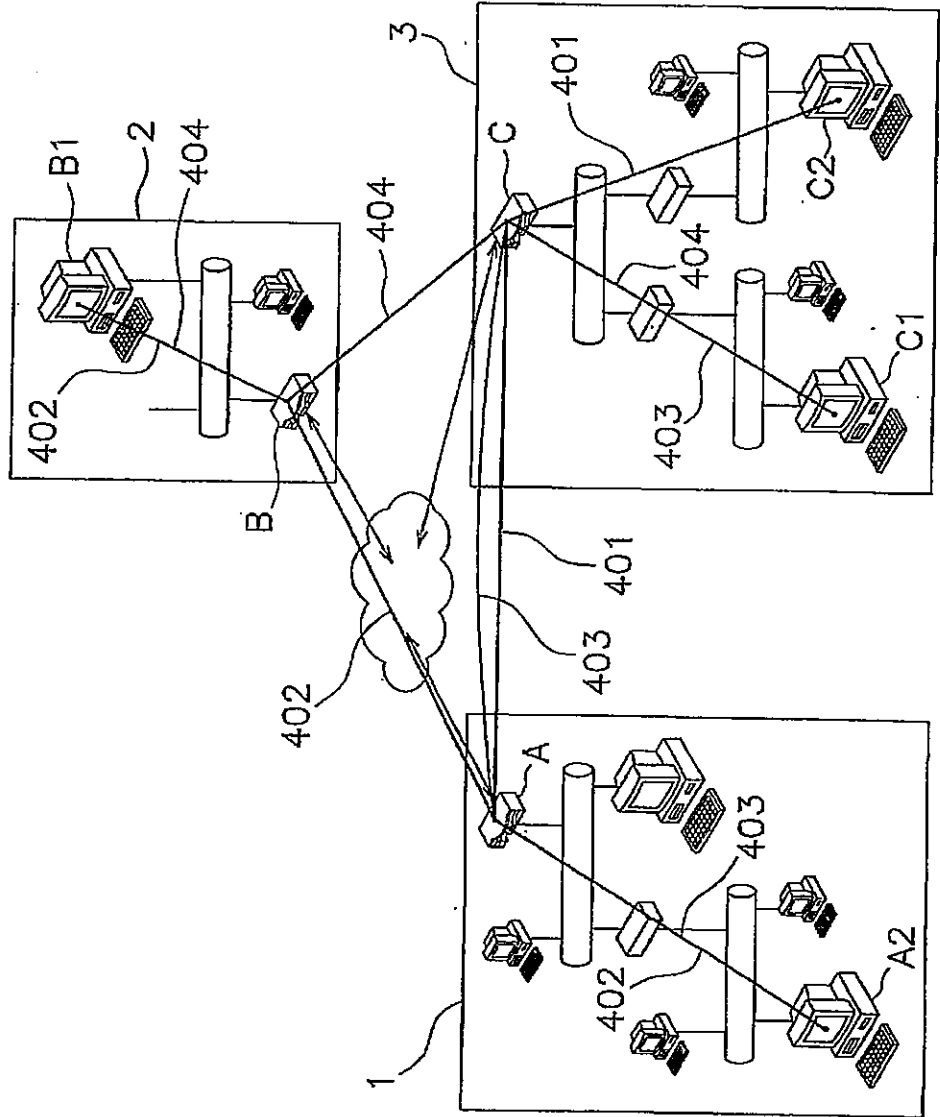


FIG.26

