

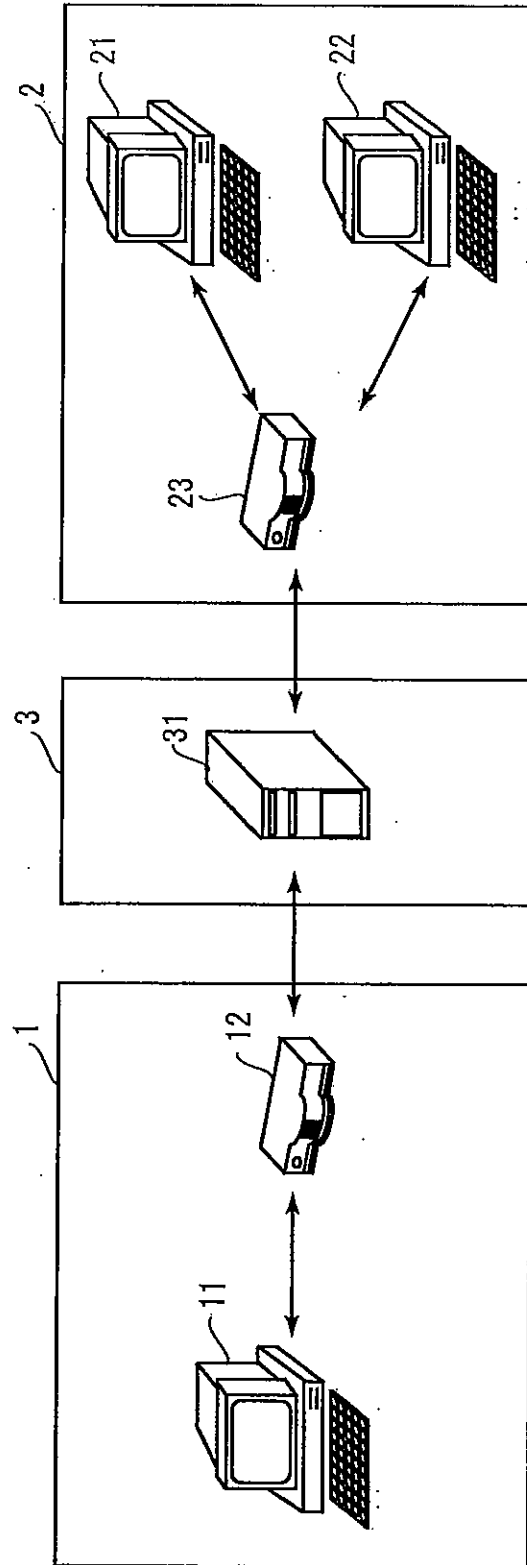


FIG. 1

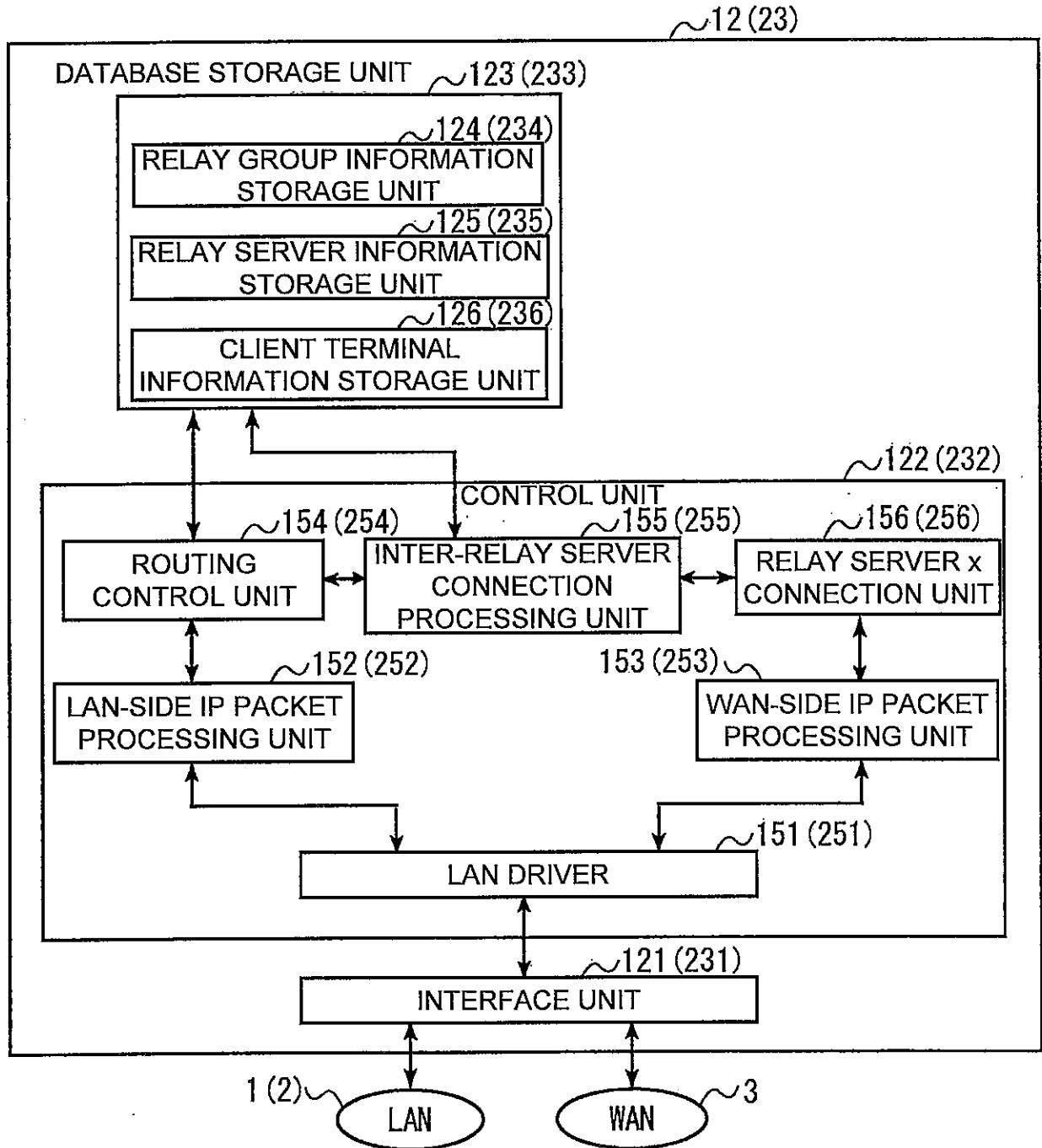


FIG. 2

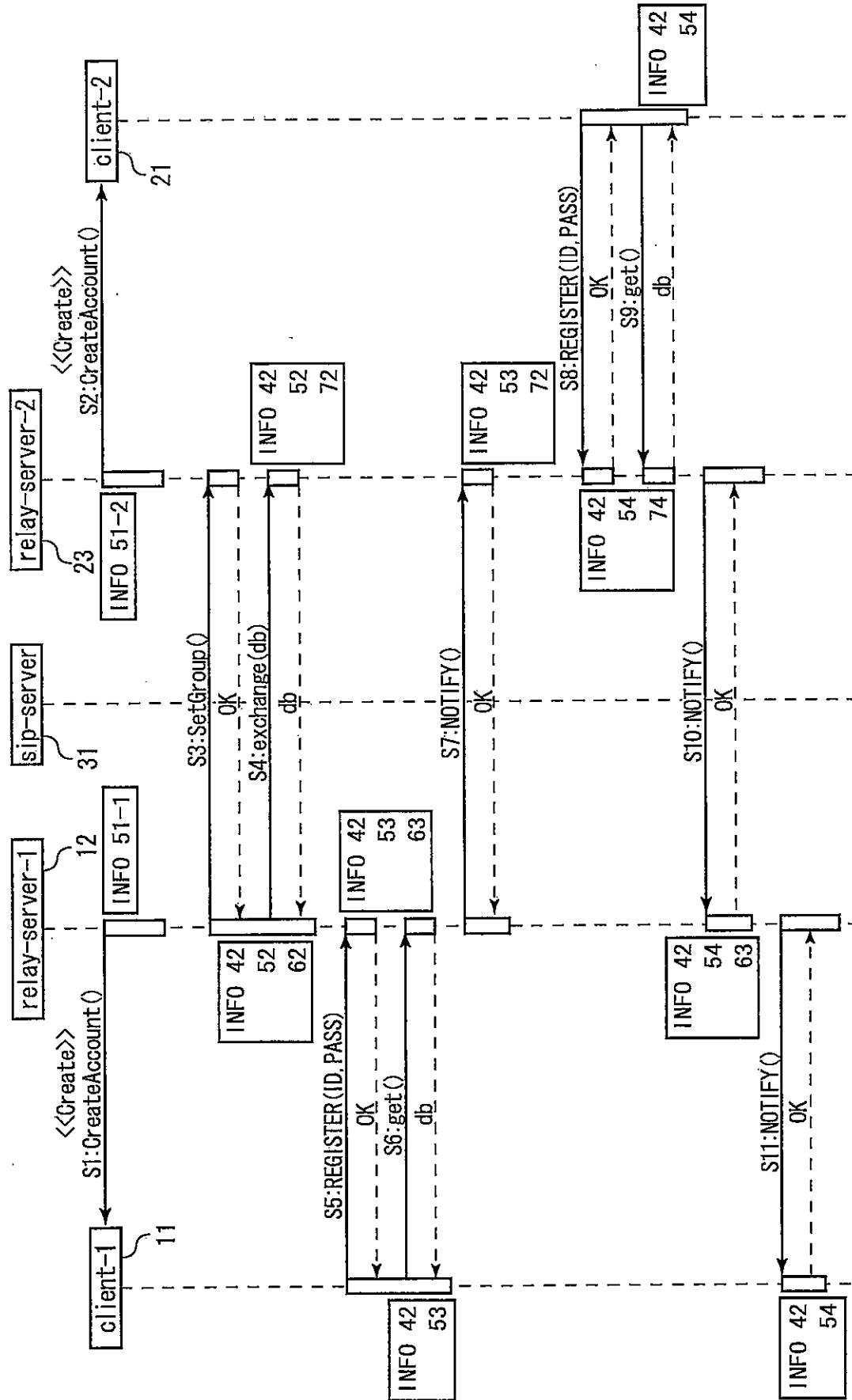


FIG. 3

51-1

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<?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" 513-1
      group= "20070402133100@relay-server-1. abc.net"
      id= "client-1@relay-server-1. abc.net"
      name= "CLIENT 1" site= "" /> } 512-1
    </site> 514-1
  </root>

```

51-2

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<?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= "software" 513-2
      group= "20070402133100@relay-server-1. abc.net"
      id= "client-2@relay-server-2. abc.net"
      name= "CLIENT 2" site= "" /> } 512-2
    </site> 514-2
  </root>

```

FIG. 4

42

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<?xml version= "1.0" encoding= "UTF-8" standalone= "no" ?>
-<root>
  -<group id= "20070402133100@relay-server-1.abc.net"
    lastmod= "20070402133100" name= "GROUP 1" > } 421
    <site id= "relay-server-1@abc.net" /> } 422
    <site id= "relay-server-2@abc.net" /> } 422
  </group>
</root>

```

52

```

<?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= "20070402133100@relay-server-1.abc.net"
      id= "client-1@relay-server-1.abc.net"
      name= "CLIENT 1" site= "" /> } 522-1
    </site>
  -<site id= "relay-server-2@abc.net"
    name= "RELAY SERVER 2" stat= "active" > } 521-2
    <node div= "software"
      group= "20070402133100@relay-server-1.abc.net"
      id= "client-2@relay-server-2.abc.net"
      name= "CLIENT 2" site= "" /> } 522-2
    </site>
</root>

```

62

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<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1.abc.net"
    node addr= "" expr= "0" ~ 622
    id= "client-1@relay-server-1.abc.net"
    name= "CLIENT 1" pass= "client-1" port= "" /> } 623
  </root>

```

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```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1.abc.net"
    node addr= "" expr= "0" ~ 722
    id= "client-2@relay-server-2.abc.net"
    name= "CLIENT 2" pass= "client-2" port= "" /> } 723
  </root>

```

FIG. 5

42

```

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

```

53

```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  -<site id= "relay-server-1@abc.net"
    name= "RELAY SERVER 1" stat= "active" >
    <node div= "software" 533-1
      group= "20070402133100@relay-server-1.abc.net"
      id= "client-1@relay-server-1.abc.net"
      name= "CLIENT 1" site= "relay-server-1@abc.net" /> } 532
    </site> } -1
  -<site id= "relay-server-2@abc.net"
    name= "RELAY SERVER 2" stat= "active" >
    <node div= "software" 533-2
      group= "20070402133100@relay-server-1.abc.net"
      id= "client-2@relay-server-2.abc.net"
      name= "CLIENT 2" site= "" />
    </site>
  </root>

```

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```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1.abc.net"
    node addr= "200.1.10.1" expr= "1213935960484"
    id= "client-1@relay-server-1.abc.net" 632
    name= "CLIENT 1" pass= "client-1" port= "5070" />
  </root> 633

```

72

```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1.abc.net"
    node addr= "" expr= "0"
    id= "client-2@relay-server-2.abc.net"
    name= "CLIENT 2" pass= "client-2" port= "" />
  </root> 723

```

FIG. 6

42

```

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

```

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```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
-<site id= "relay-server-1@abc. net"
  name= "RELAY SERVER 1" stat= "active" >
  <node div= "software" 543-1
    group= "20070402133100@relay-server-1. abc. net"
    id= "client-1@relay-server-1. abc. net"
    name= "CLIENT 1" site= "relay-server-1@abc. net" />
  </site>
-<site id= "relay-server-2@abc. net"
  name= "RELAY SERVER 2" stat= "active" >
  <node div= "software" 543-2
    group= "20070402133100@relay-server-1. abc. net"
    id= "client-2@relay-server-2. abc. net"
    name= "CLIENT 2" site= "relay-server-2@abc. net" /> 542
  </site> 544-2
</root>

```

63

```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1. abc. net"
    node addr= "200. 1. 10. 1" expr= "1213935960484"
    id= "client-1@relay-server-1. abc. net"
    name= "CLIENT 1" pass= "client-1" port= "5070" />
  </root> 633

```

74

```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1. abc. net"
    node addr= "210. 10. 20. 1" expr= "1213935978484"
    id= "client-2@relay-server-2. abc. net" 742
    name= "CLIENT 2" pass= "client-2" port= "5070" />
  </root> 743

```

FIG. 7

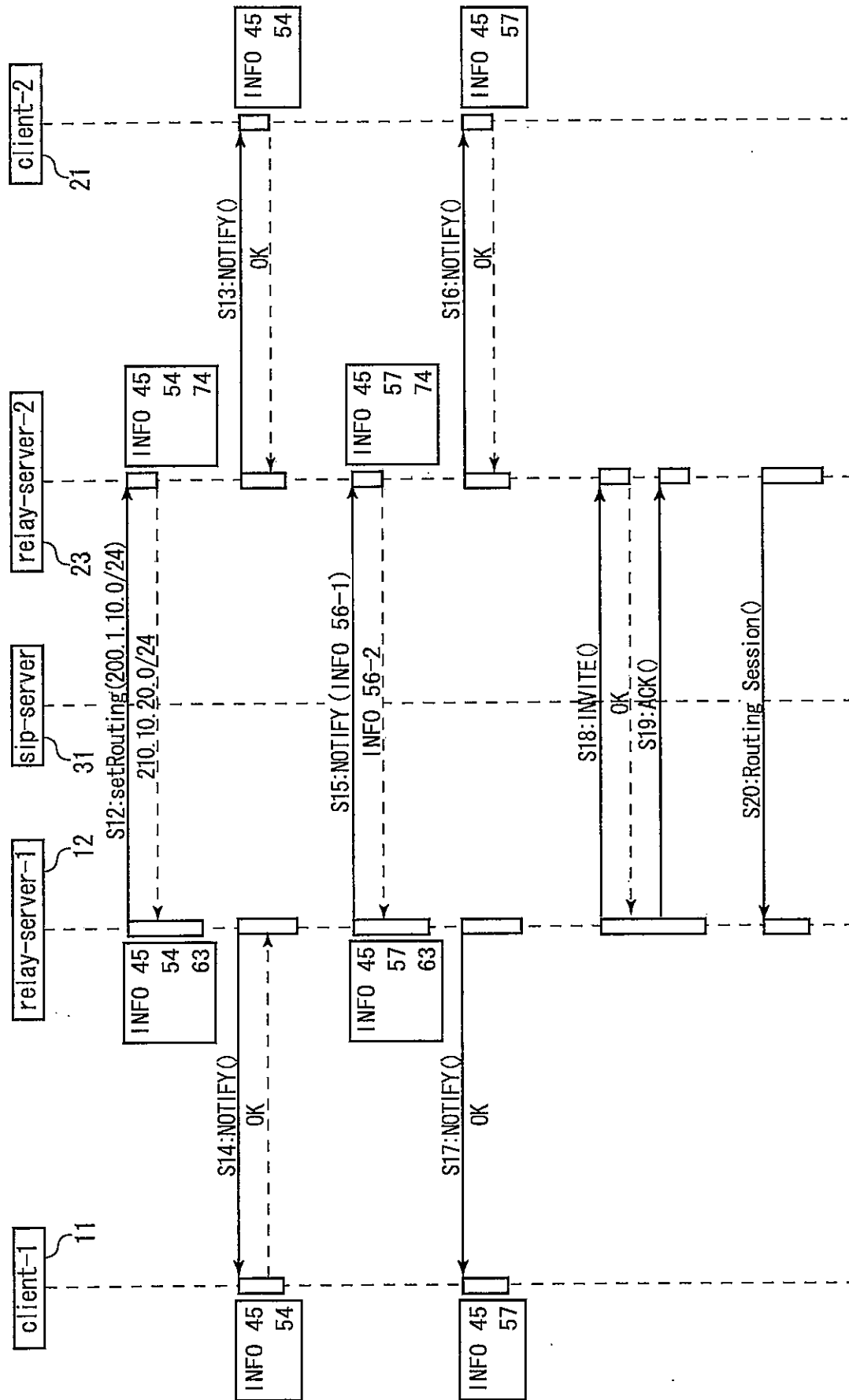


FIG. 8

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```

<?xml version= "1.0" encoding= "UTF-8" standalone= "no" ?>
-<root>
  -<group id= "20070402133100@relay-server-1.abc.net"
    lastmod= "20070402133100" name= "GROUP 1" >
    <site id= "relay-server-1@abc.net"
      lan= "200.1.10.0/24" />
    <site id= "relay-server-2@abc.net"
      lan= "210.10.20.0/24" />
    </group>
  </root>

```

54

```

<?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= "20070402133100@relay-server-1.abc.net"
      id= "client-1@relay-server-1.abc.net"
      name= "CLIENT 1" site= "relay-server-1@abc.net" />
    </site>
  -<site id= "relay-server-2@abc.net"
    name= "RELAY SERVER 2" stat= "active" >
    <node div= "software"
      group= "20070402133100@relay-server-1.abc.net"
      id= "client-2@relay-server-2.abc.net"
      name= "CLIENT 2" site= "relay-server-2@abc.net" />
    </site>
  </root>

```

63

```

631 ~ <?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1.abc.net"
    node addr= "200.1.10.1" expr= "1213935960484"
    id= "client-1@relay-server-1.abc.net"
    name= "CLIENT 1" pass= "client-1" port= "5070" />
  </root>

```

74

```

741 ~ <?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
  <node div= "software"
    group= "20070402133100@relay-server-1.abc.net"
    node addr= "210.10.20.1" expr= "1213935978484"
    id= "client-2@relay-server-2.abc.net"
    name= "CLIENT 2" pass= "client-2" port= "5070" />
  </root>

```

FIG. 9

56-1

```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
-<site id= "relay-server-1@abc.net"
  name= "RELAY SERVER 1" stat= "active" } 561-1
  lan= "200.1.10.254" >
  <node div= "software"
    group= "20070402133100@relay-server-1. abc. net"
    id= "client-1@relay-server-1. abc. net"
    name= "CLIENT 1" site= "relay-server-1@abc.net" } 562-1
    lan= "200.1.10.1" />
  </node>
</site>
</root>

```

56-2

```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
-<site id= "relay-server-2@abc.net"
  name= "RELAY SERVER 2" stat= "active" } 561-2
  lan= "210.10.20.254" >
  <node div= "software"
    group= "20070402133100@relay-server-1. abc. net"
    id= "client-2@relay-server-2. abc. net"
    name= "CLIENT 2" site= "relay-server-2@abc.net" } 562-2
    lan= "210.10.20.1" />
  </node>
</site>
</root>

```

FIG. 10

45

```

<?xml version= "1.0" encoding= "UTF-8" standalone= "no" ?>
-<root>
-<group id= "20070402133100@relay-server-1. abc. net"
  lastmod= "20070402133100" name= "GROUP 1" >
  <site id= "relay-server-1@abc. net"
    lan= "200.1.10.0/24" />
  <site id= "relay-server-2@abc. net"
    lan= "210.10.20.0/24" />
  </group>
</root>

```

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```

<?xml version= "1.0" encoding= "UTF-8" ?>
-<root>
-<site id= "relay-server-1@abc. net"
  name= "RELAY SERVER 1" stat= "active" } 571-1
  lan= "200.1.10.254" >
  <node div= "software"
    group= "20070402133100@relay-server-1. abc. net"
    id= "client-1@relay-server-1. abc. net"
    name= "CLIENT 1" site= "relay-server-1@abc. net" } 572-1
    lan= "200.1.10.1" />
  </site>
-<site id= "relay-server-2@abc. net"
  name= "RELAY SERVER 2" stat= "active" } 571-2
  lan= "210.10.20.254" >
  <node div= "software"
    group= "20070402133100@relay-server-1. abc. net"
    id= "client-2@relay-server-2. abc. net"
    name= "CLIENT 2" site= "relay-server-2@abc. net" } 572-2
    lan= "210.10.20.1" />
  </site>
</root>

```

63

NO CHANGE FROM FIG. 9

74

NO CHANGE FROM FIG. 9

FIG. 11

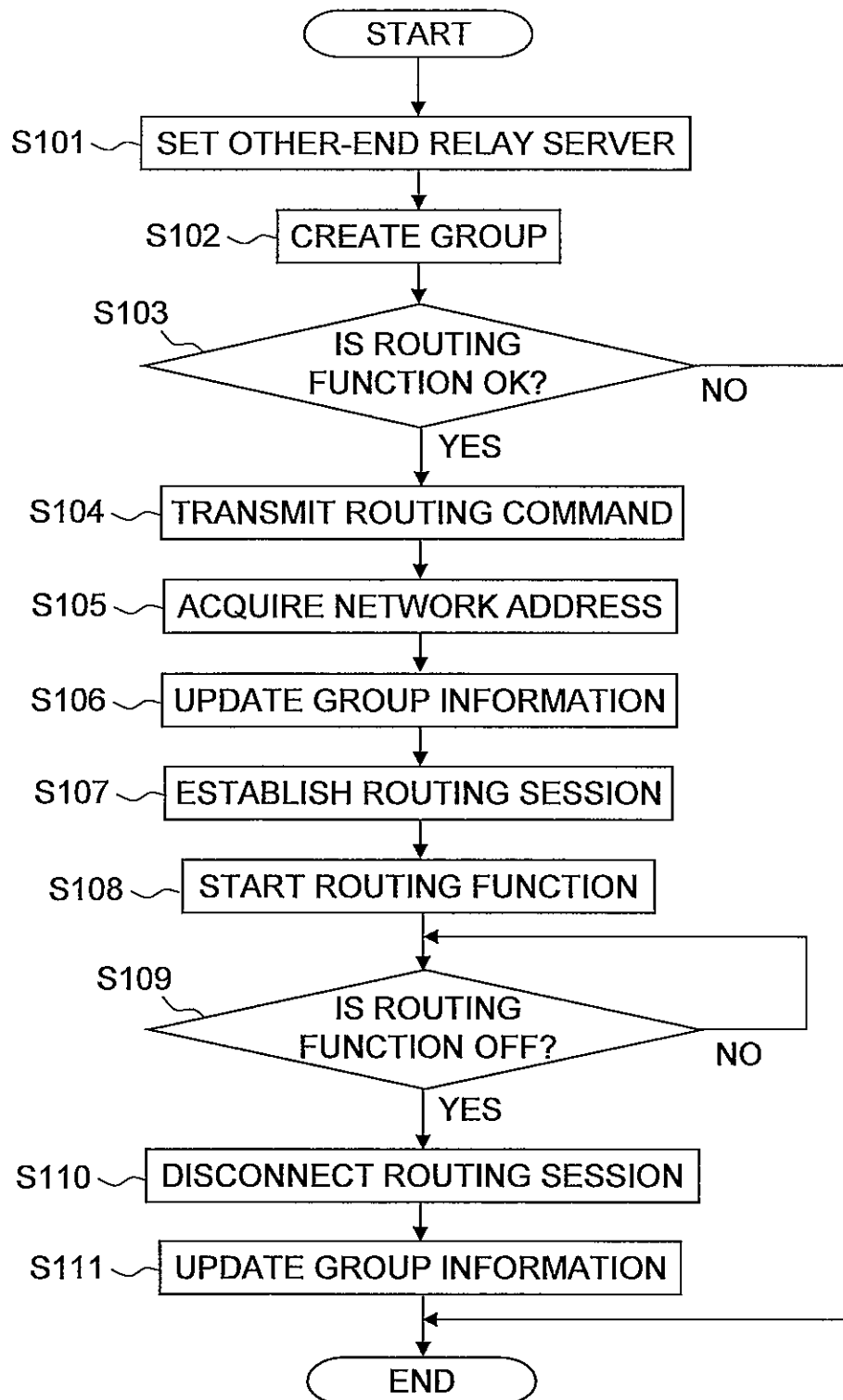


FIG. 12

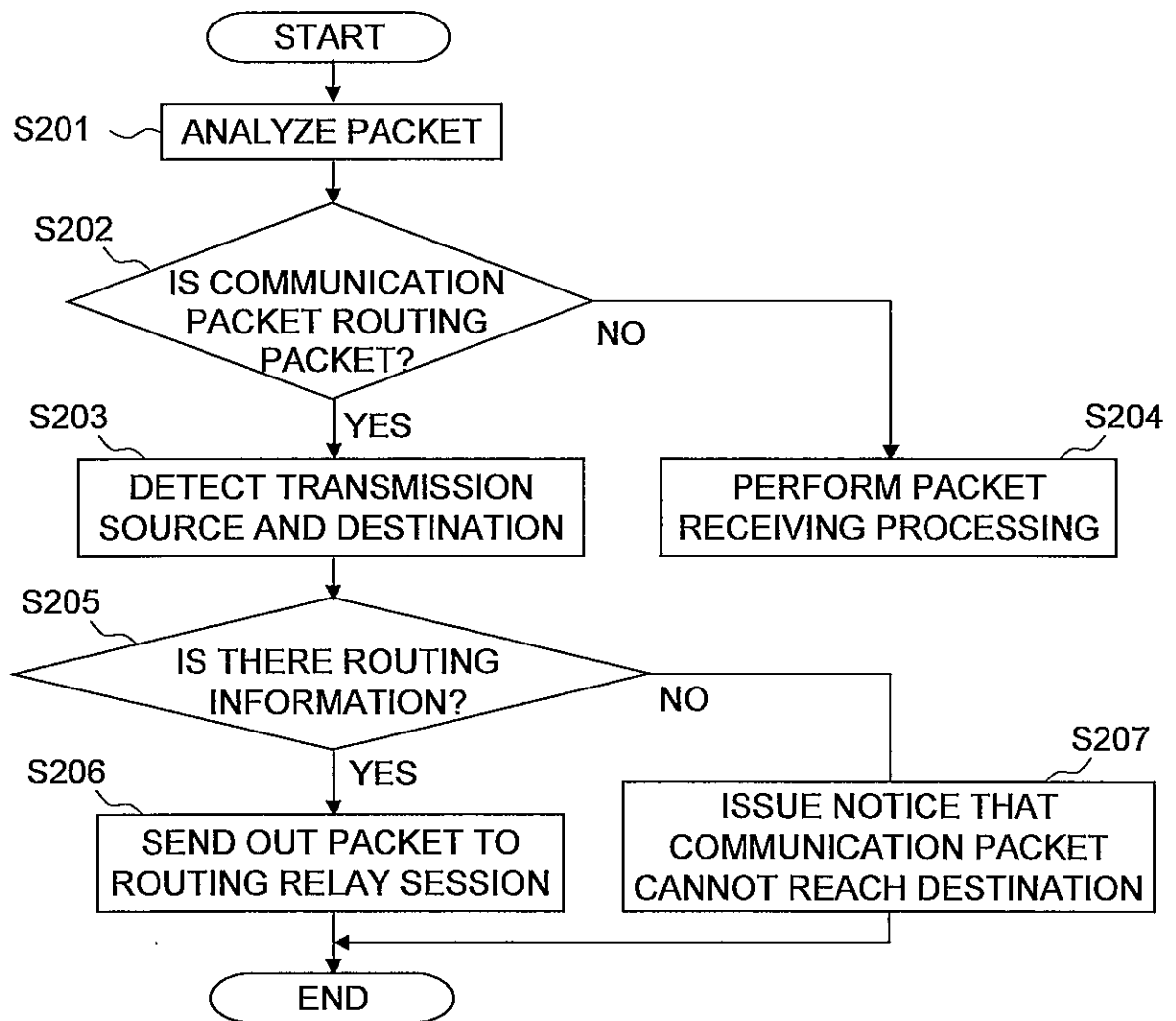


FIG. 13

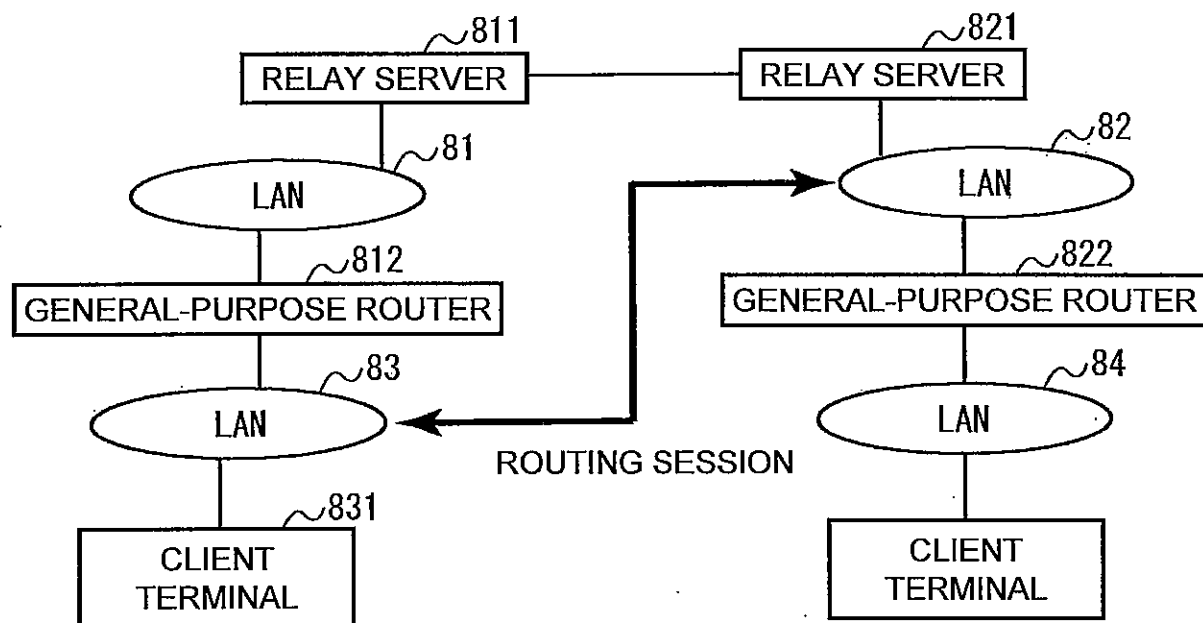


FIG. 15

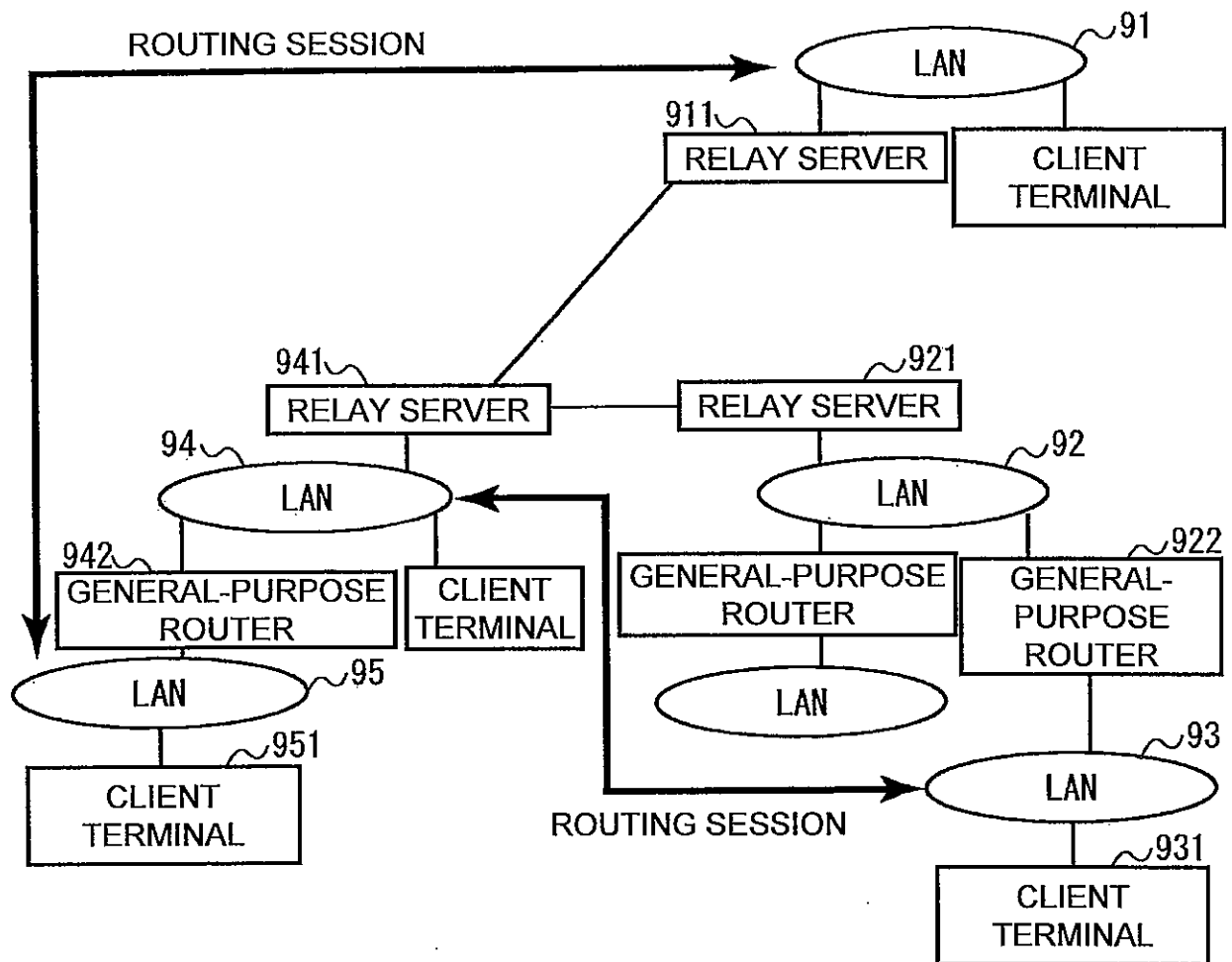


FIG. 16

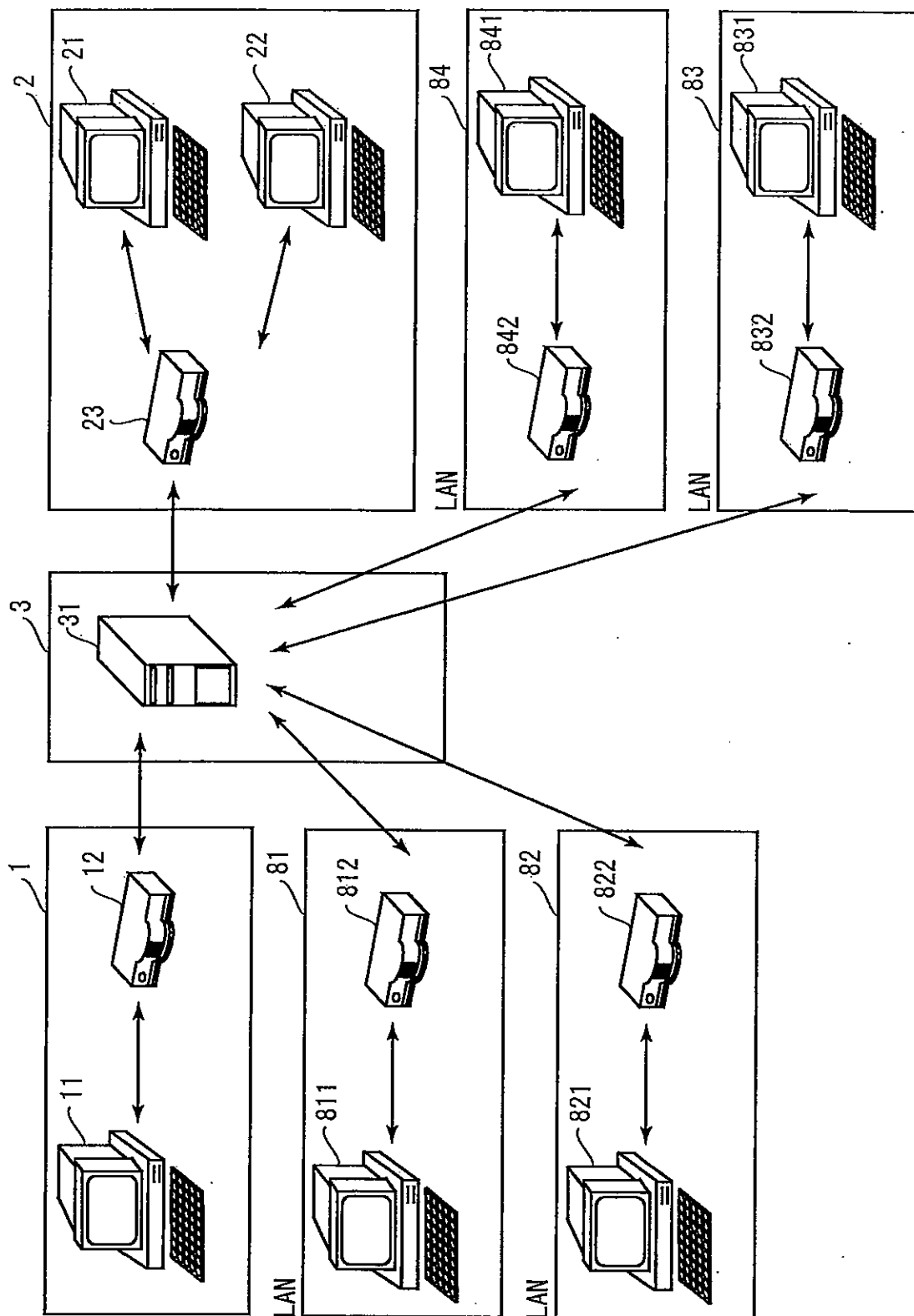


FIG. 17

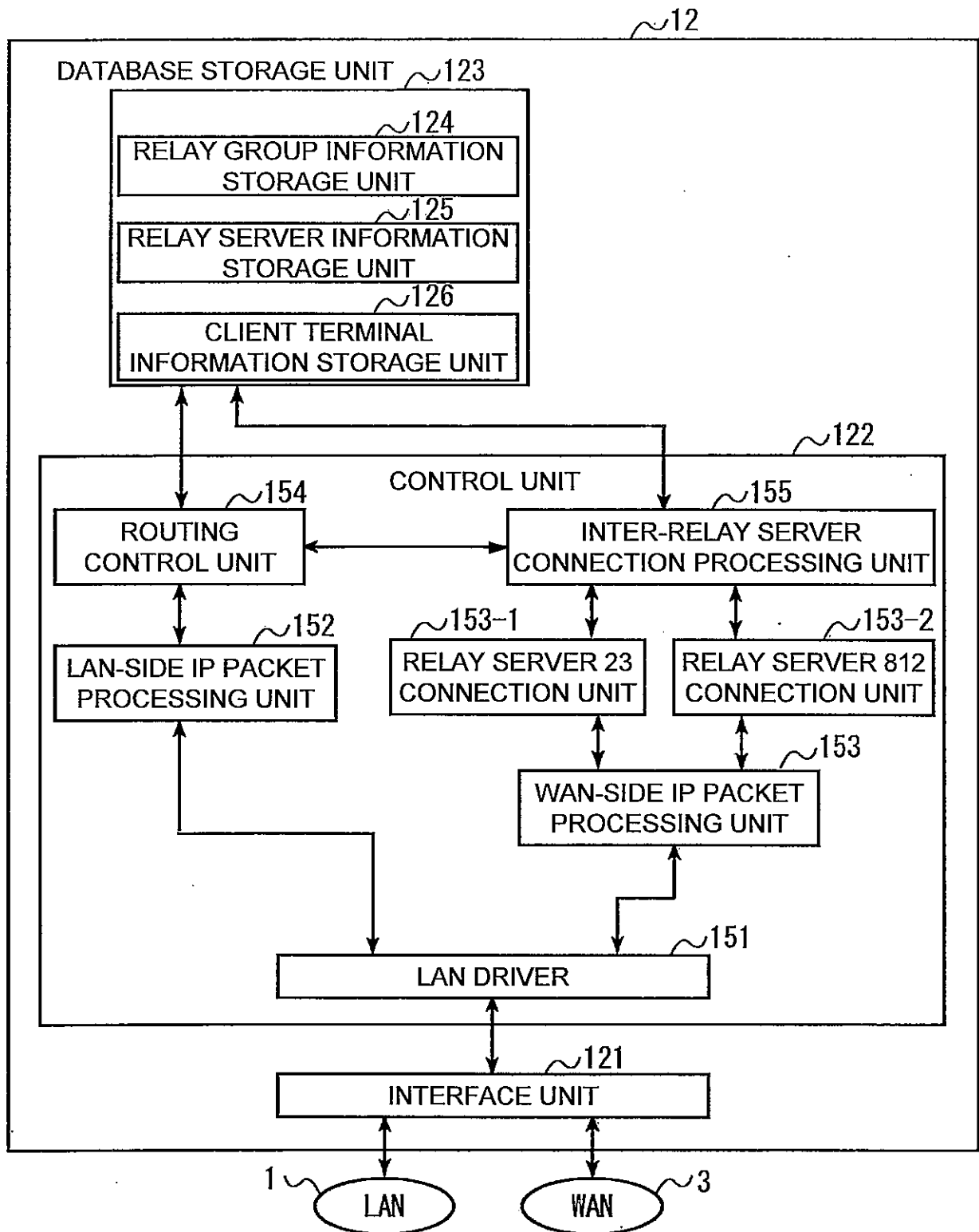


FIG. 18

GROUP	GROUP CONFIGURATION	ROUTING PATTERN
GROUP1	RELAY SERVER 12	RELAY SERVER 12 – RELAY SERVER 23 (rtid=0001)
	RELAY SERVER 23 RELAY SERVER 812	RELAY SERVER 12 – RELAY SERVER 812 (rtid=0002)
GROUP2	RELAY SERVER 12	RELAY SERVER 12 – RELAY SERVER 822 -RELAY SERVER 832 (rtid=0003)
	RELAY SERVER 822 RELAY SERVER 832 RELAY SERVER 842	RELAY SERVER 12 – RELAY SERVER 842 (rtid=0004)

FIG. 19

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```

<?xml version= "1.0" encoding= "UTF-8" standalone= "no" ?>
-<root>
-<group id= "20070402133100@relay-server-1.abc.net" } 461
  lastmod= "20070402133100" name= "GROUP 1" >
    <site id= "relay-server-1@abc.net"
      lan= "200.1.10.0/24 rtid= "0001,0002" />
    <site id= "relay-server-2@abc.net" } 463
      lan= "210.10.20.0/24 rtid= "0001" />
    <site id= "relay-server-3@abc.net"
      lan= "220.0.100.0/24 rtid= "0002" />
  </group>
</root>

```

462

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FIG. 20

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```

<?xml version= "1.0" encoding= "UTF-8" standalone= "no" ?>
-<root>
  -<group id= "20070402567800@relay-server-1.abc.net" } 471
    lastmod= "20070402567800" name= "GROUP 2" >
      <site id= "relay-server-1@abc.net"
        lan= "200.1.10.0/24 rtid= "0003,0004" />
      <site id= "relay-server-4@abc.net" } 473
        lan= "230.10.5.0/24 rtid= "0003" />
      <site id= "relay-server-5@abc.net" } 472
        lan= "240.10.10.0/24 rtid= "0003" />
      <site id= "relay-server-6@abc.net"
        lan= "250.0.10.0/24 rtid= "0004" />
    </group> 473
  </root>

```

FIG. 21

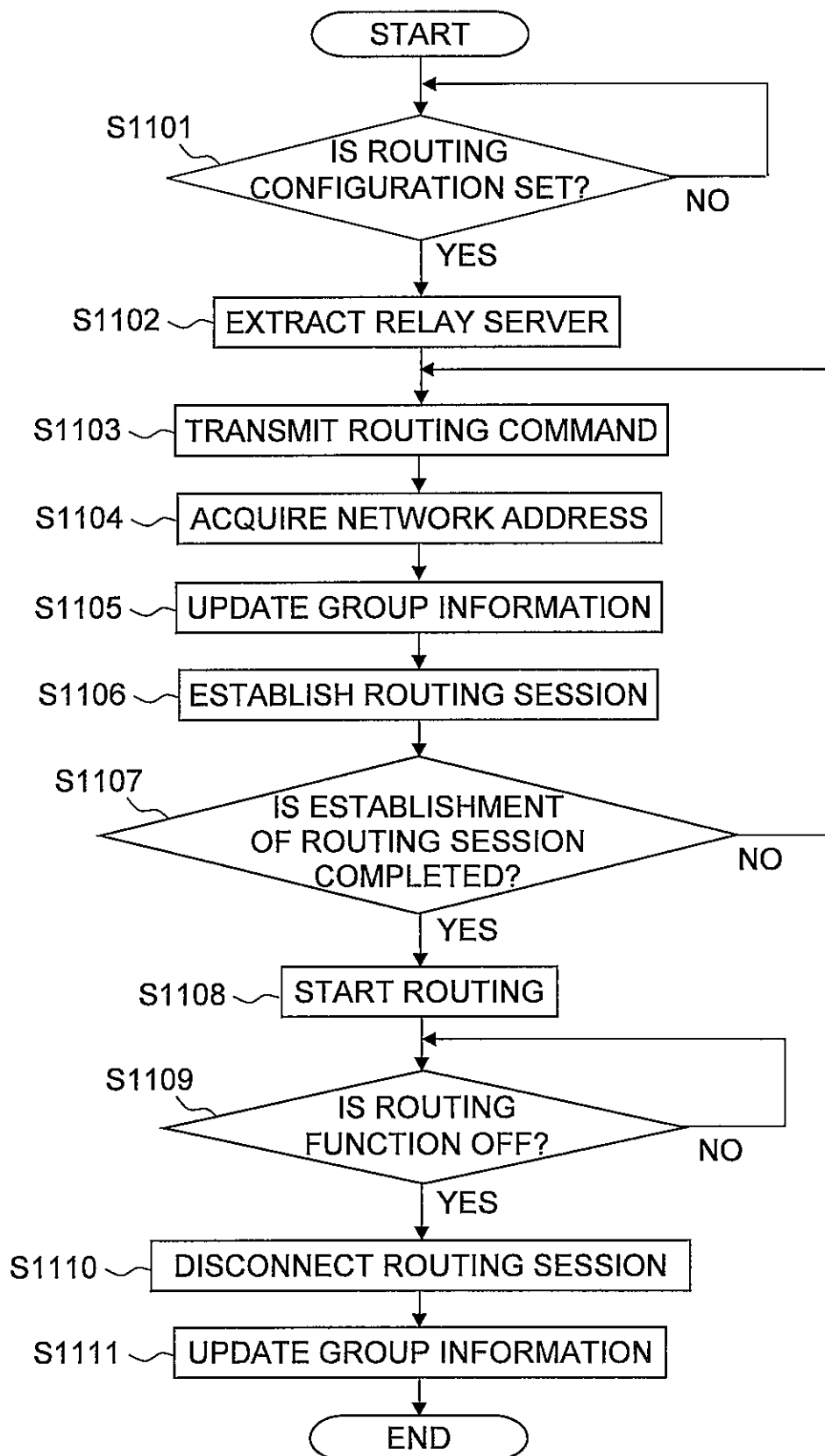


FIG. 22

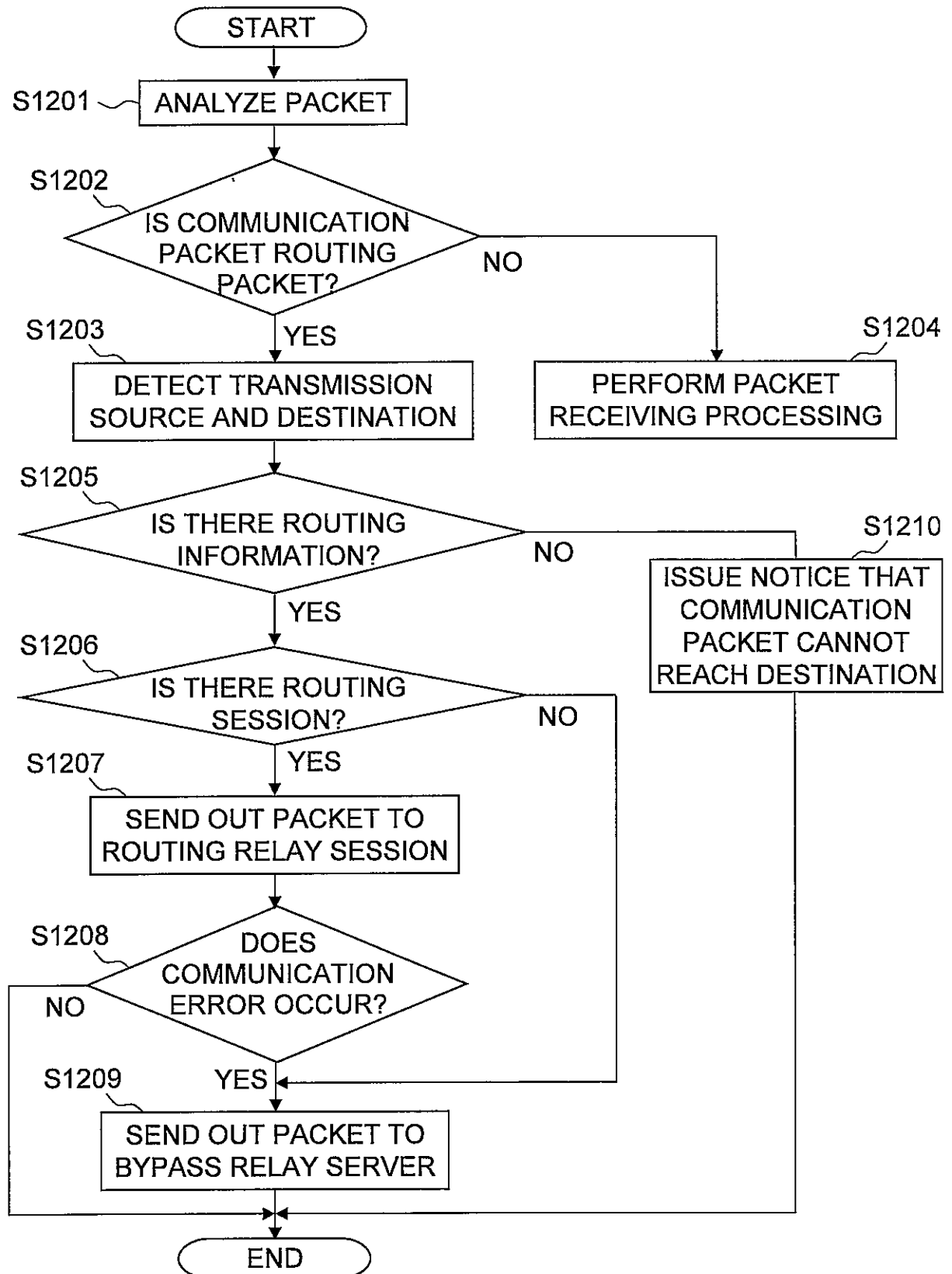


FIG. 23