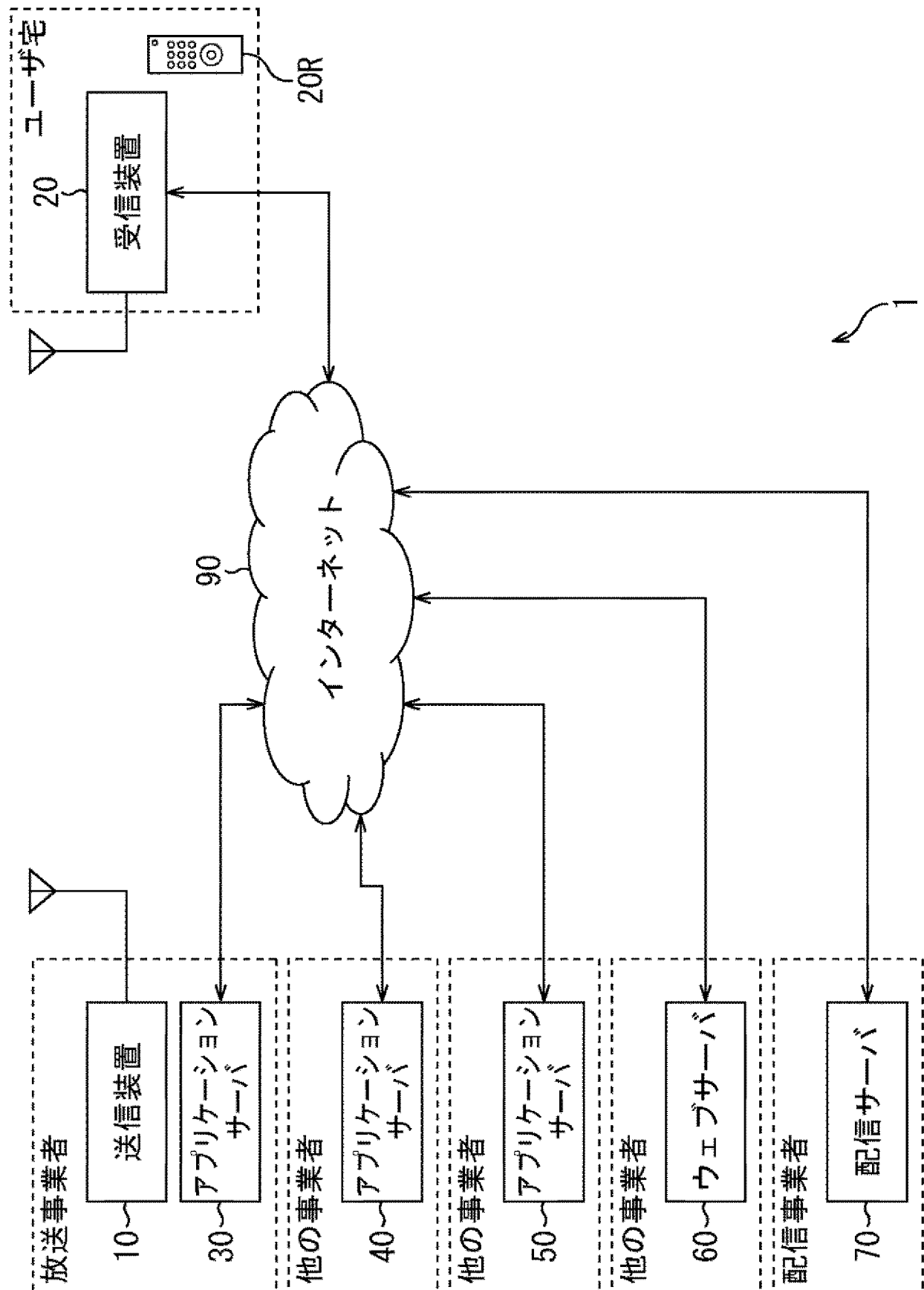


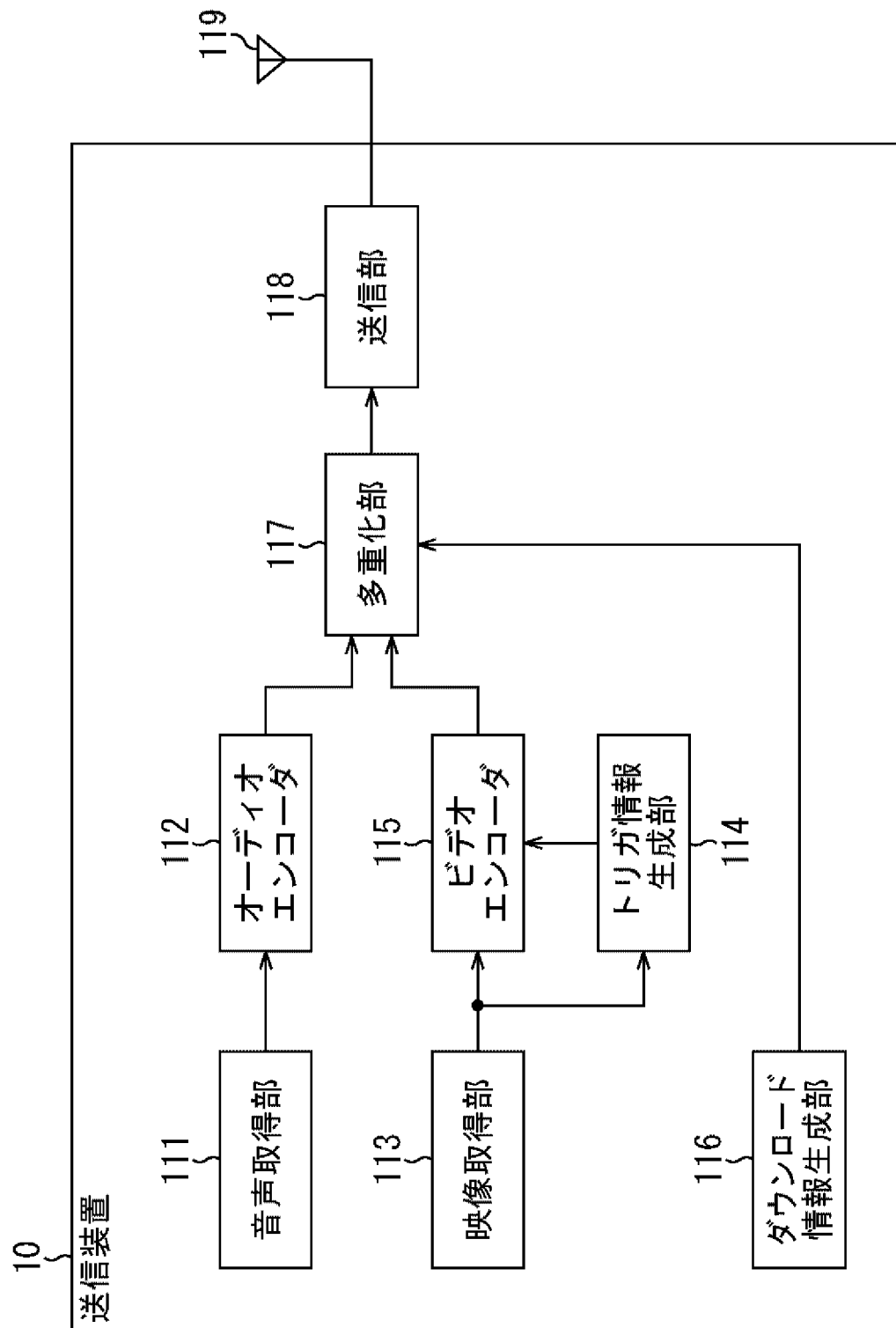
[図1]

図1



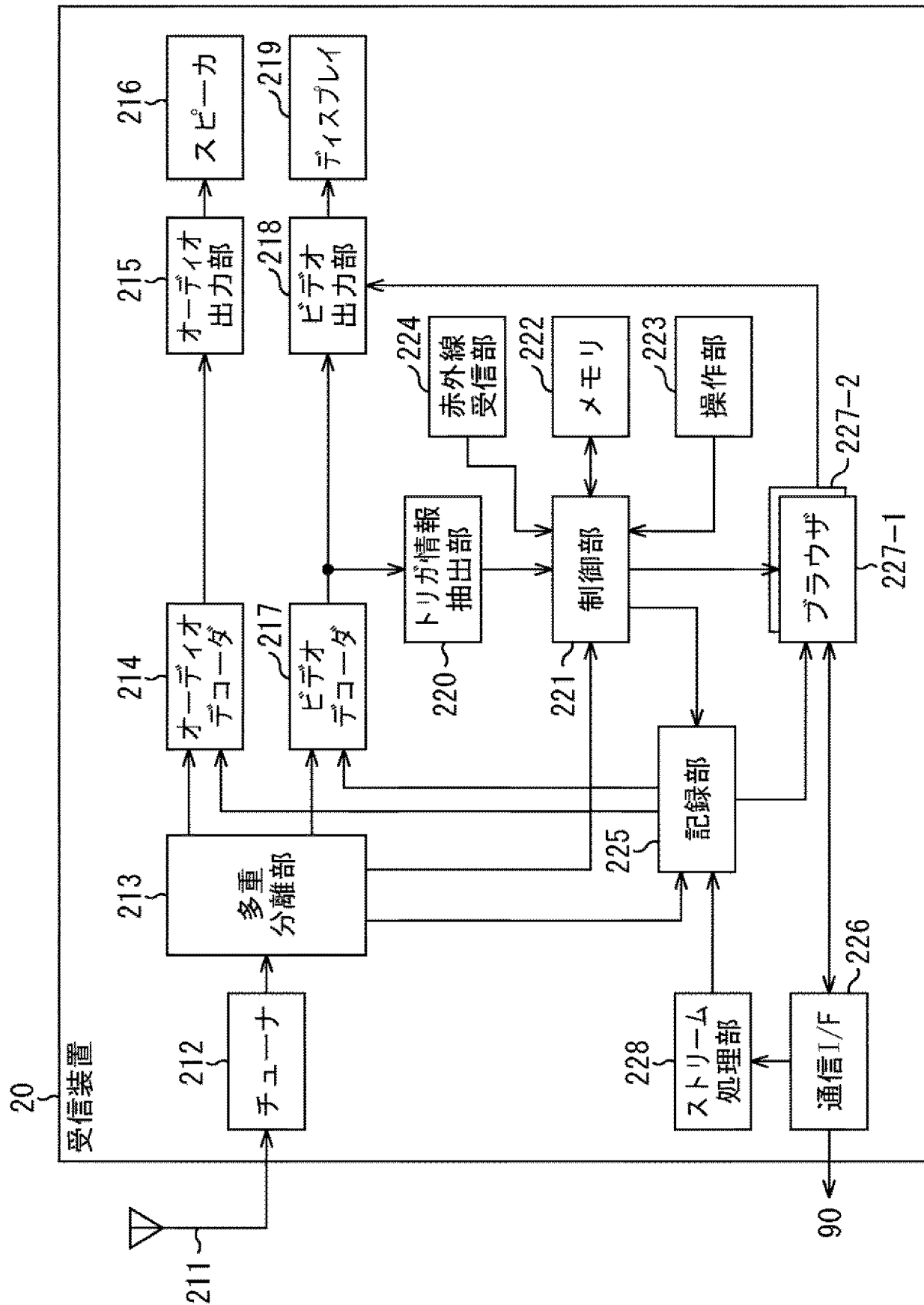
[図2]

図2



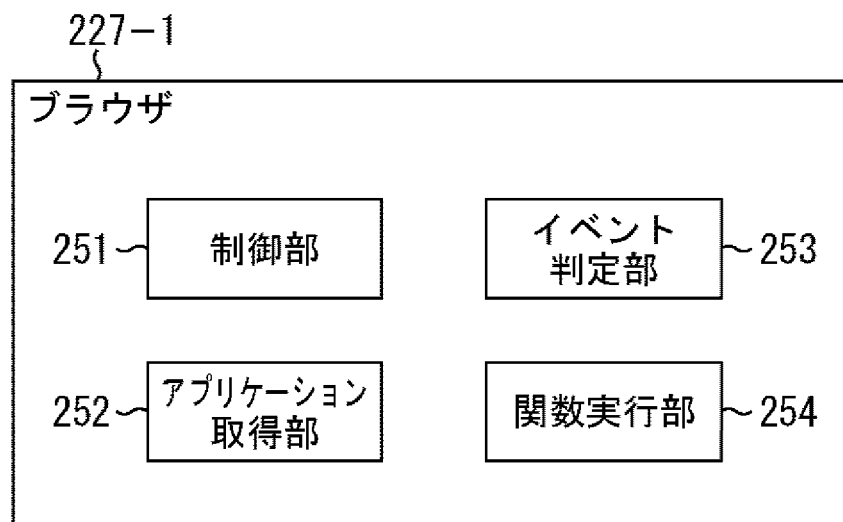
[図3]

図3



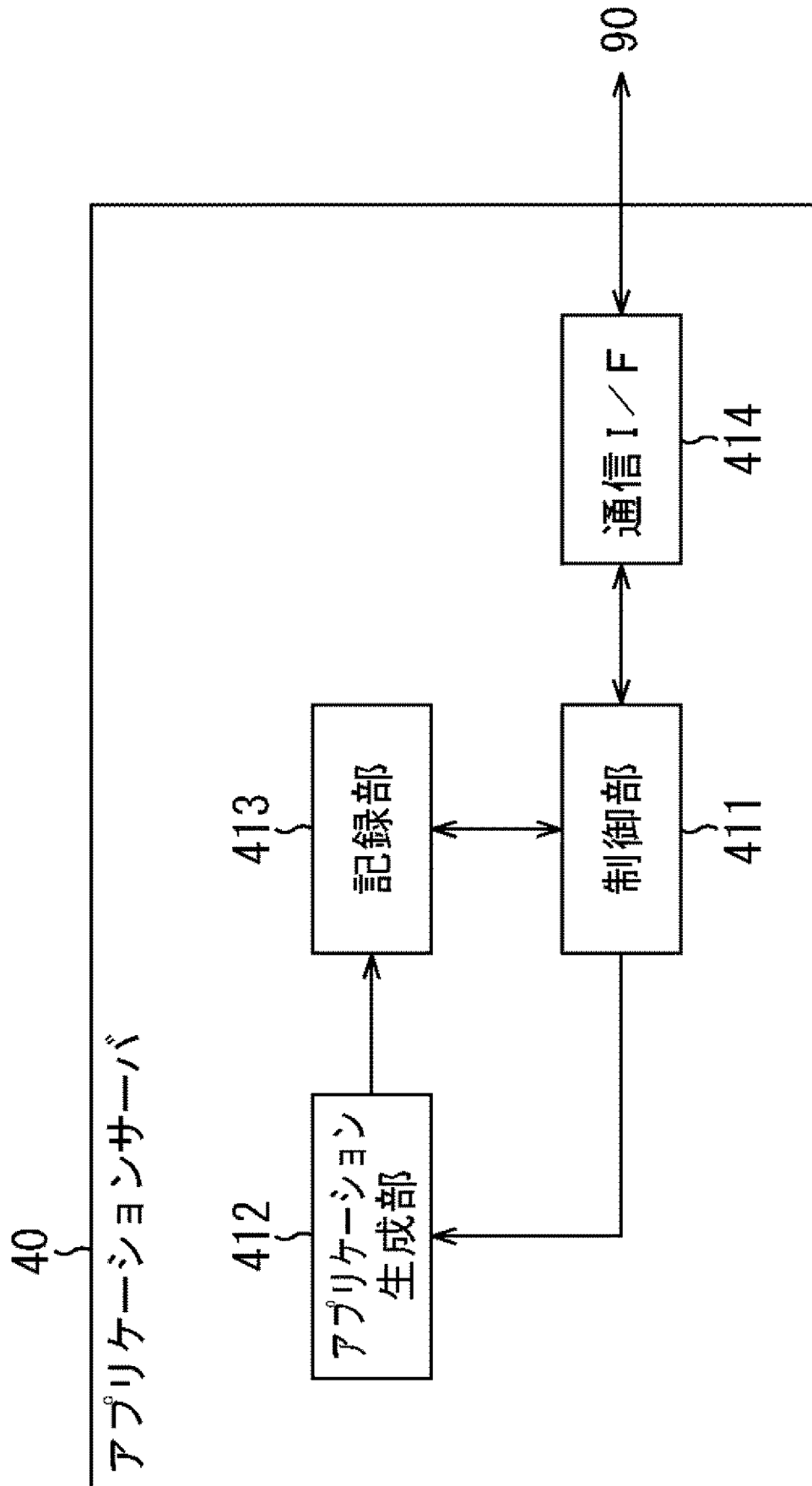
[図4]

図4



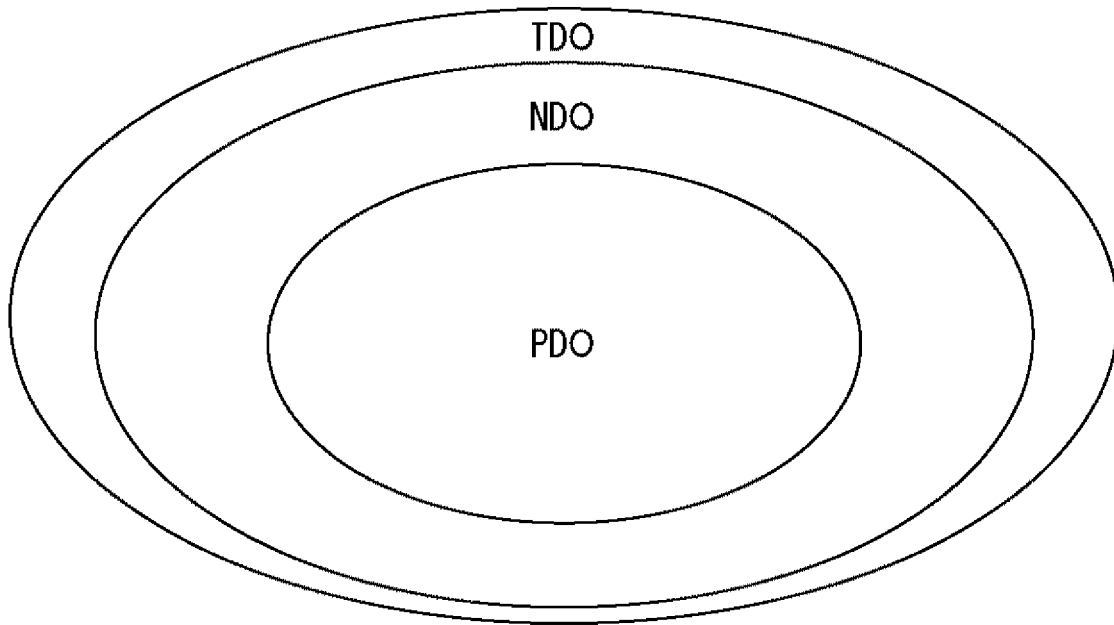
[図5]

図5



[図7]

図7



Event ID	Description
A	User tunes a receiver to broadcast program of a liner TV channel.
B	User selects the EPG button of remote controller and then displayed EPG by native application.
C	User tunes a receiver to broadcast program of a NRT channel with service category "portal".
D	User tunes a receiver to broadcast program of a NRT channel with service category "scripted".
E	User selects the NRT button of remote controller and then user interface displays NRT content portal by native application.

[図9]

図9

UI	Title	Expected next event
1	Watch broadcast program	a. Launch the TDO by receiving trigger while watching broadcast program.
2	Broadcast and TDO	b. TDO is updated when receiver receives new TDO and its trigger. c. User selects the NRT content to begin playback. e. User interface transit to "Browser PDO content" automatically.
3	EPG	f. User clicks a title where user wants to see the detail information, and then advanced EPG is displayed.
4	Advanced EPG	Deleted
5	Browse NDO content Advanced EPG	g. User selects PDO content. m. User selects to begin playback NRT audio /video content. n. User selects to reserve NRT content download or subscription of Push NRT service.
6	NRT content portal	j. User selects NDO content when watching NRT Content portal. k. User selects to reserve NRT content download or Push NRT service subscription. l. User selects to begin playback NRT audio /video content.
7	Playback NRT audio /video content	c. Native application transits to broadcast program and TDO when user selects to stop playback of the NRT content. l. User selects to stop playback. m. User selects to stop playback.
8	Reserve NRT content download	d. k. n This state indicates internal function to download the NRT content in background when user selects to reserve it.
9	Subscribe push NRT service	d. k. n This state indicates internal function to subscribe the Push NRT service in background when user selects to reserve it.
10	Playback NRT content and TDO	Deleted
11	Browse PDO Content	h. User selects to watch other PDO content. i. User selects to watch general internet content.
12	Browse internet content	out of scope

[図10]

図10

reserveNRTContentDownload

説明:NRTコンテンツのダウンロード予約を実行する関数。

引数:Content linkage

戻り値:true, false, 仮予約完了

[図11]

図11

cancelNRTContentDownloadReservation

説明:NRTコンテンツのダウンロード予約をキャンセルする関数。

引数:Content linkage

戻り値:true, false

[図12]

図12

getNRTContentDownloadStatus

説明:ダウンロード予約されたNRTコンテンツのダウンロード状況を取得する関数。

引数:Content linkage

戻り値:status(未開始、実行中、完了)

[図13]

図13

executeNRTContentDownload

説明:NRTコンテンツのダウンロードを即時実行する関数。

引数:Content linkage

戻り値:true, false

[図14]

図14

cancelNRTContentDownload

説明:実行中のNRTコンテンツのダウンロードを停止、終了する関数。

引数:Content linkage

戻り値:true, false

[図15]

図15

deleteNRTContent

説明:ダウンロード済みのNRTコンテンツ及びその関連情報を削除する関数。

引数:Content linkage

戻り値:true, false

[図16]

図16

getNRTContentInformation

説明: ダウンロード済みのNRTコンテンツの詳細情報を取得する関数。

引数: Content linkage

戻り値: Content info

[図17]

図17

getCurrentNRTIT

説明: 現在放送波により送信されている最新のNRT-ITを取得する関数。

戻り値: true, false

[図18]

図18

getStorageInfo

説明: 記録部の全容量と空き容量を取得する関数。

戻り値: storage info

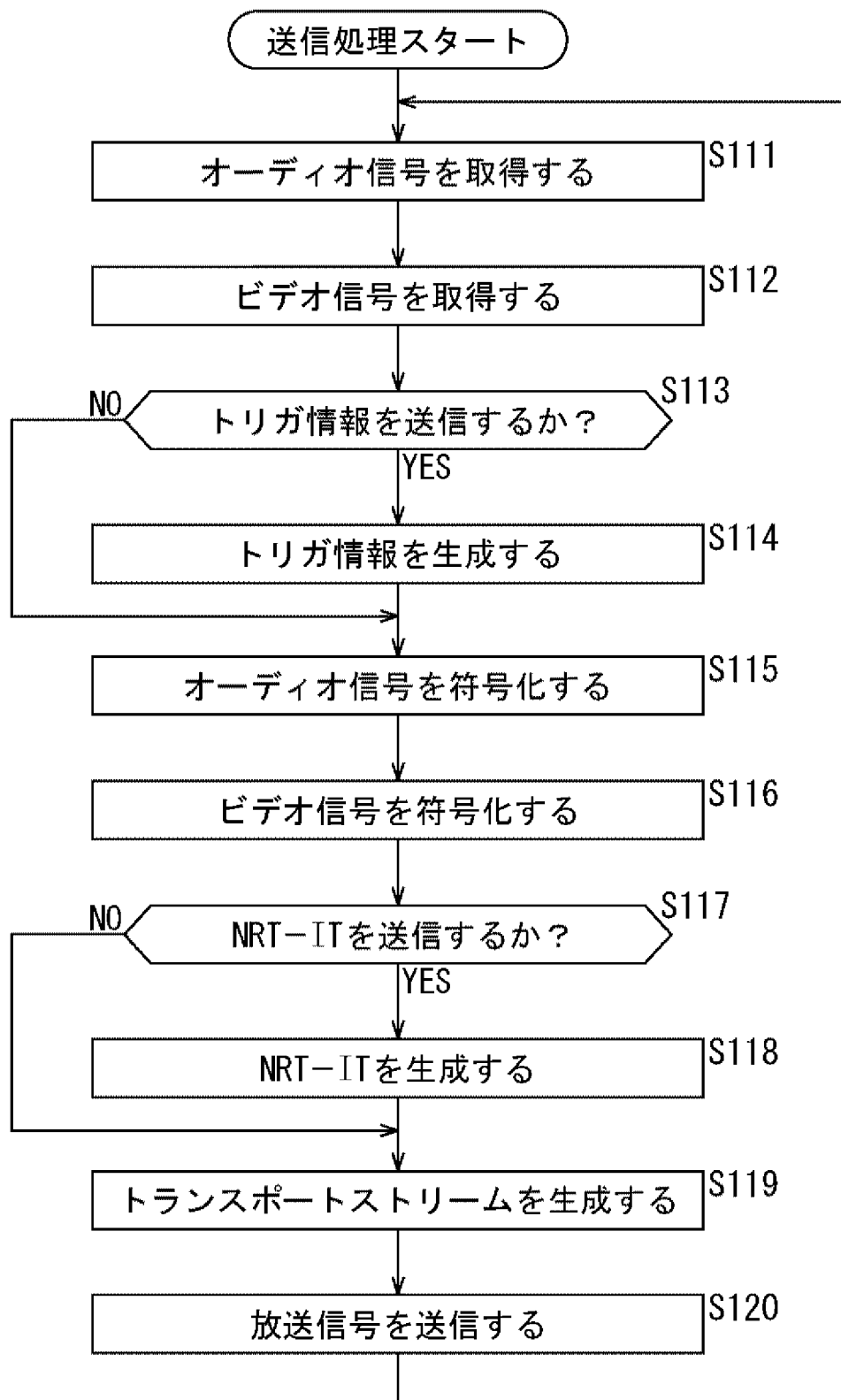
[図19]

図19

```
<html>
<head>
<title>page title</title>
<meta http-equiv="Content-Script-Type" content="text/javascript">
</head>
<body>
<SCRIPT LANGUAGE="JavaScript">
<!--
var storage = { "total_size" : "0", "used_size" : "0" };
result = storage.getStorageInfo(); // 記録容量情報を取得
document.write( storage );       // 記録容量情報を表示
//-->
</SCRIPT>
</body>
</html>
```

[図20]

図20



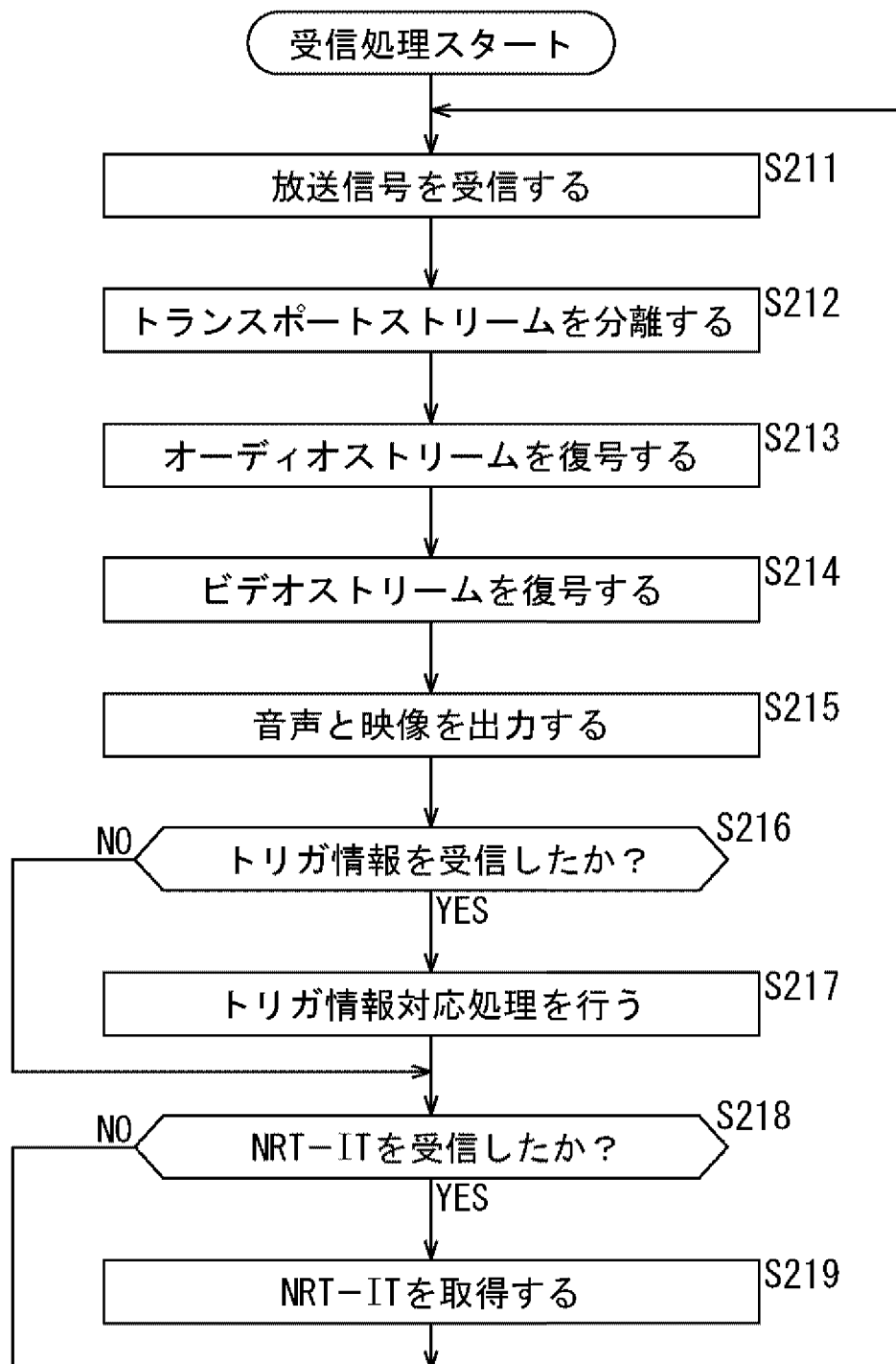
[図21]

図21

NRT-IT
Service ID: 0x0001
[Time Slot]
List of Content Items
Content #1 Content name Content linkage: id1 Distribution start/end Content length Media Type Icon Content linkage:id2 ISO-639 language AVC video info Caption service Content advisory Genre Internet Location
Content #2 ...

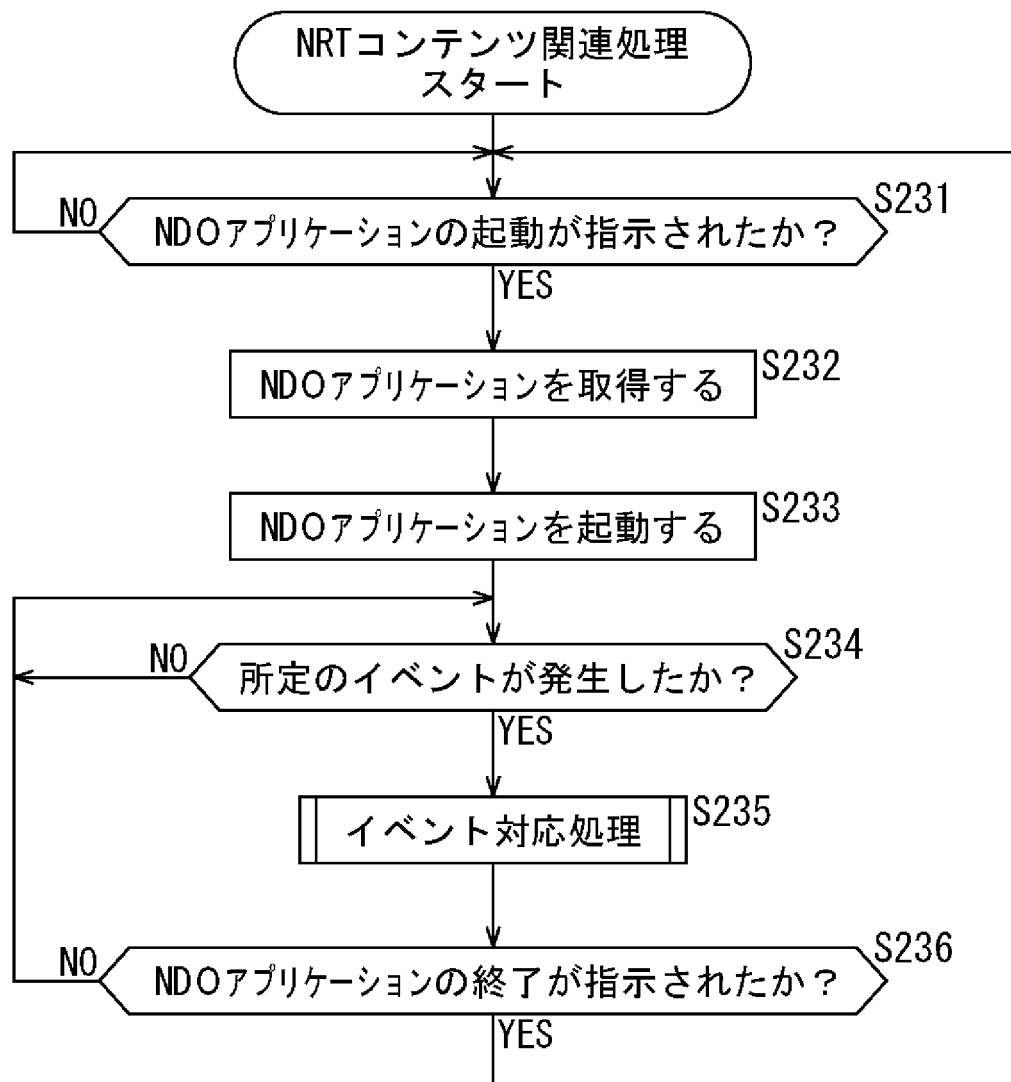
[図22]

図22



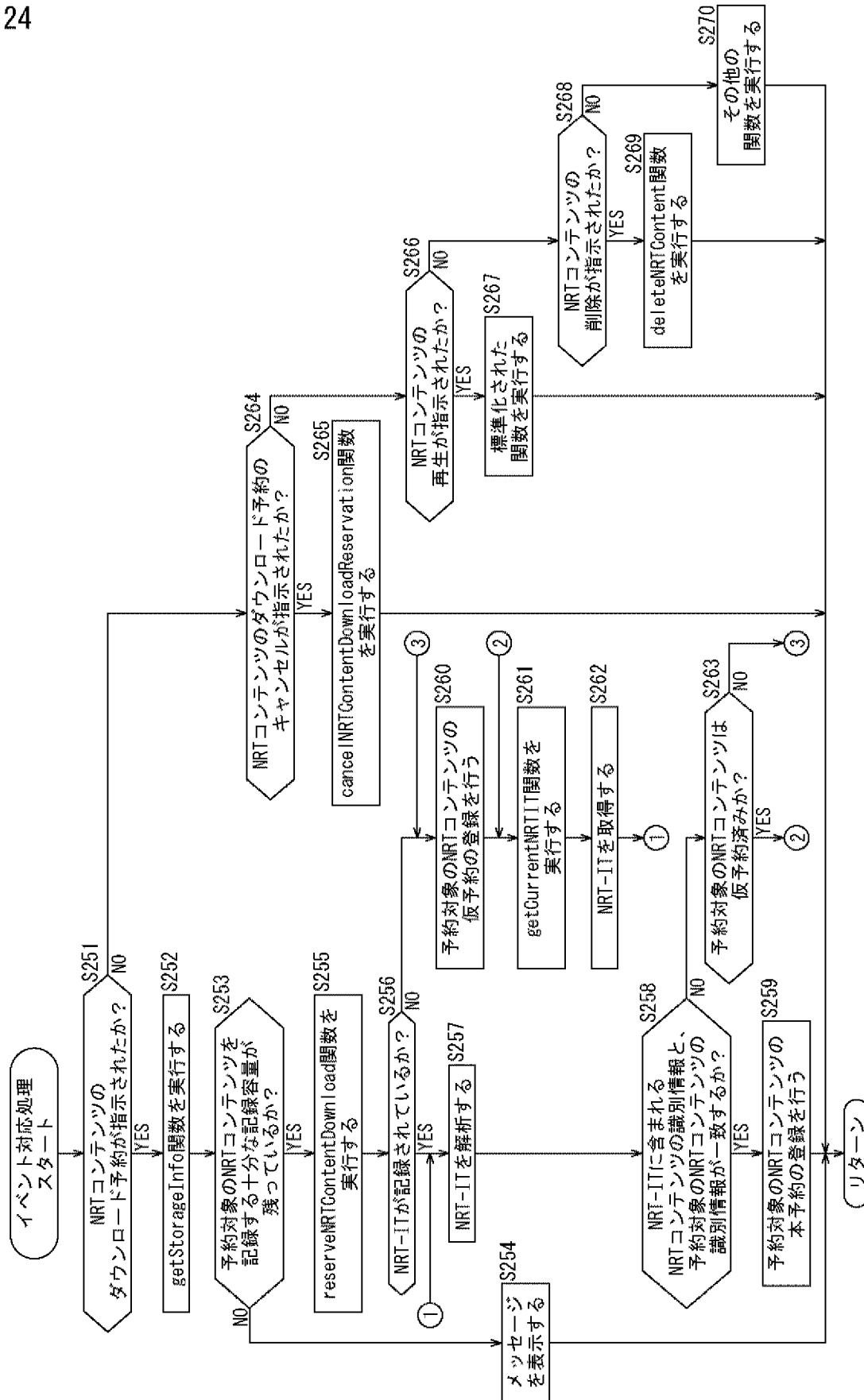
[図23]

図23



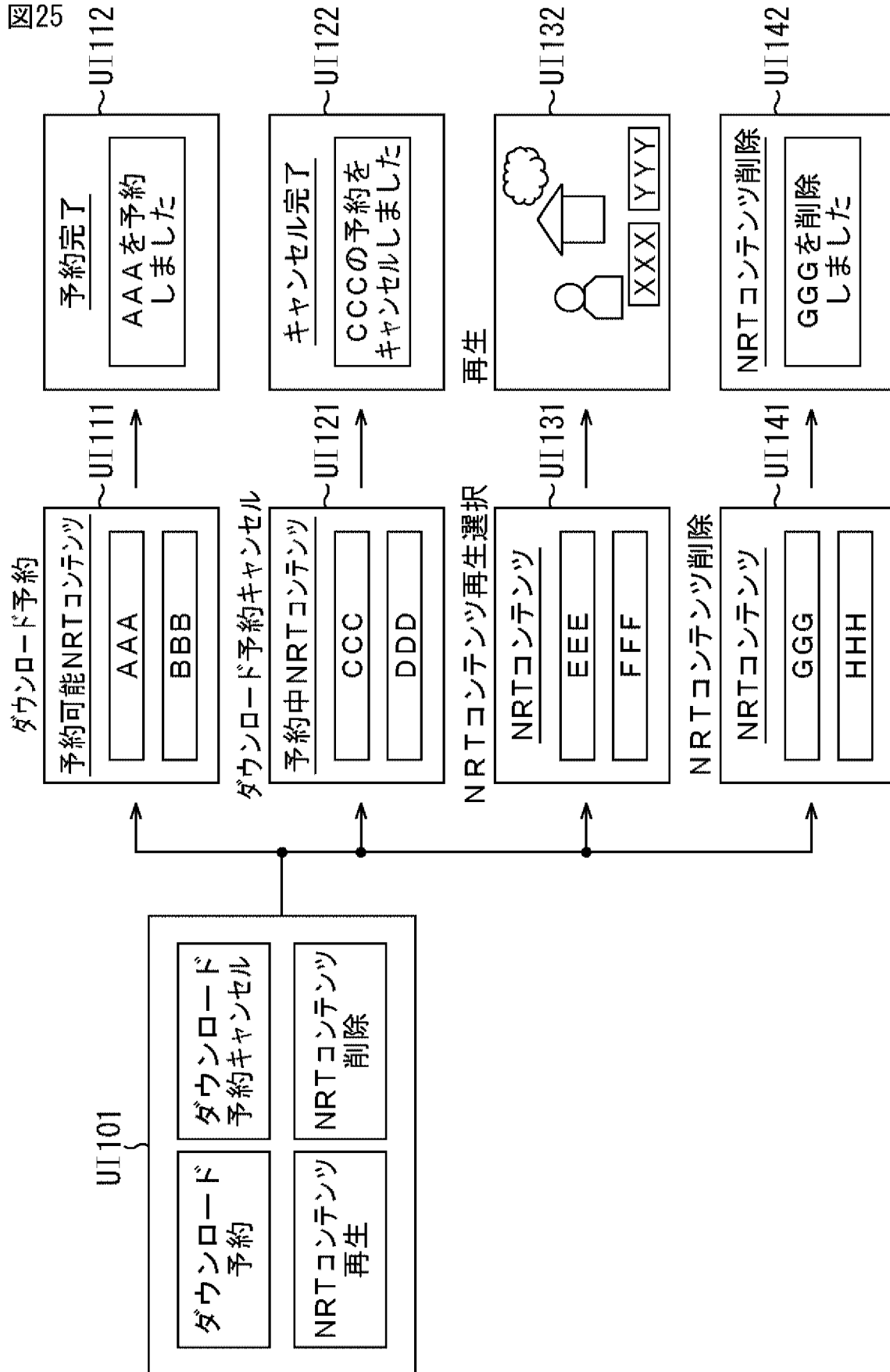
[図24]

図24



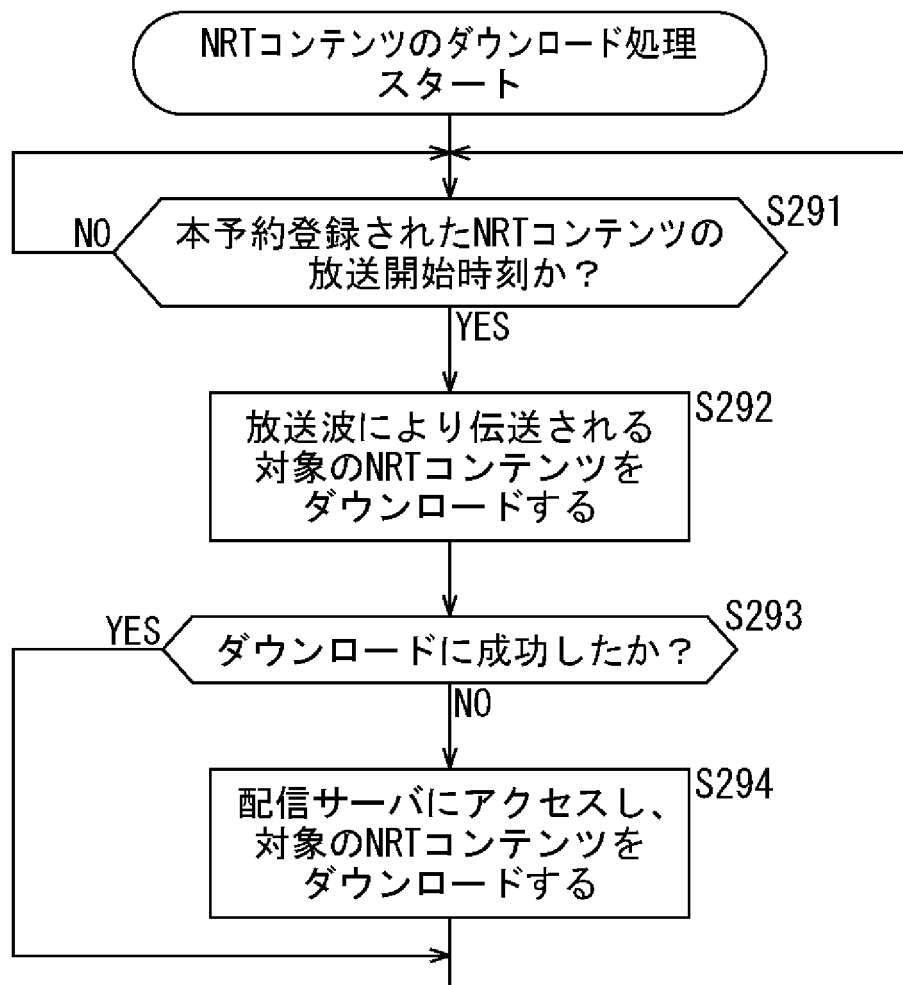
[図25]

図25



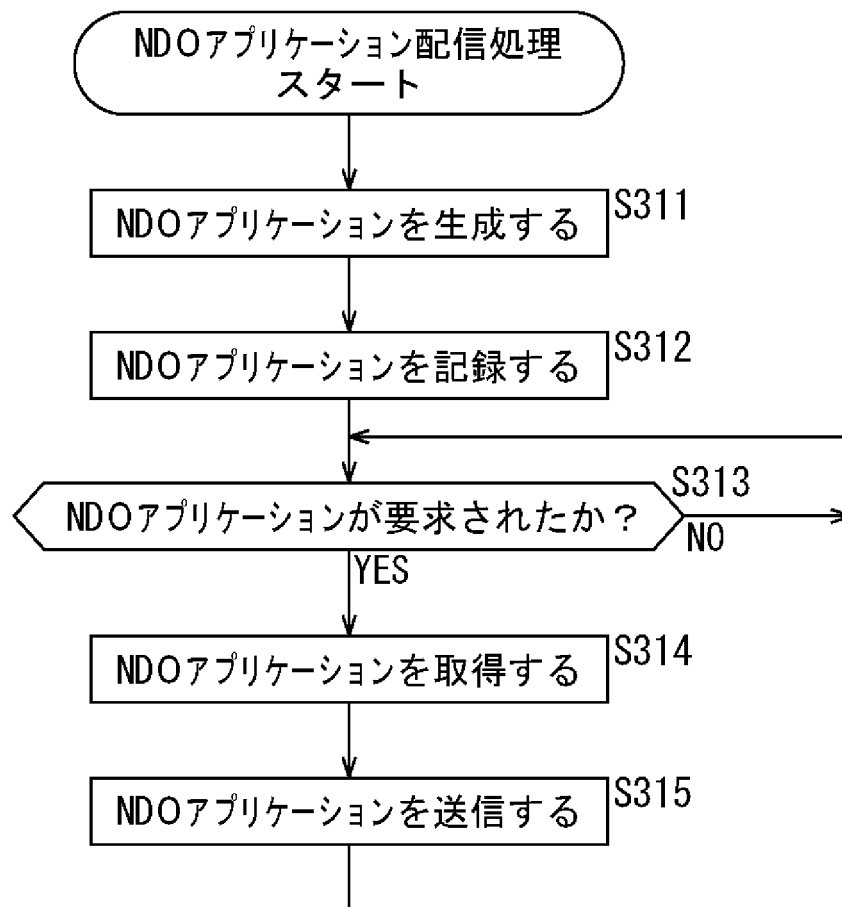
[図26]

図26



[図27]

図27



[図28]

図28

