

1/29

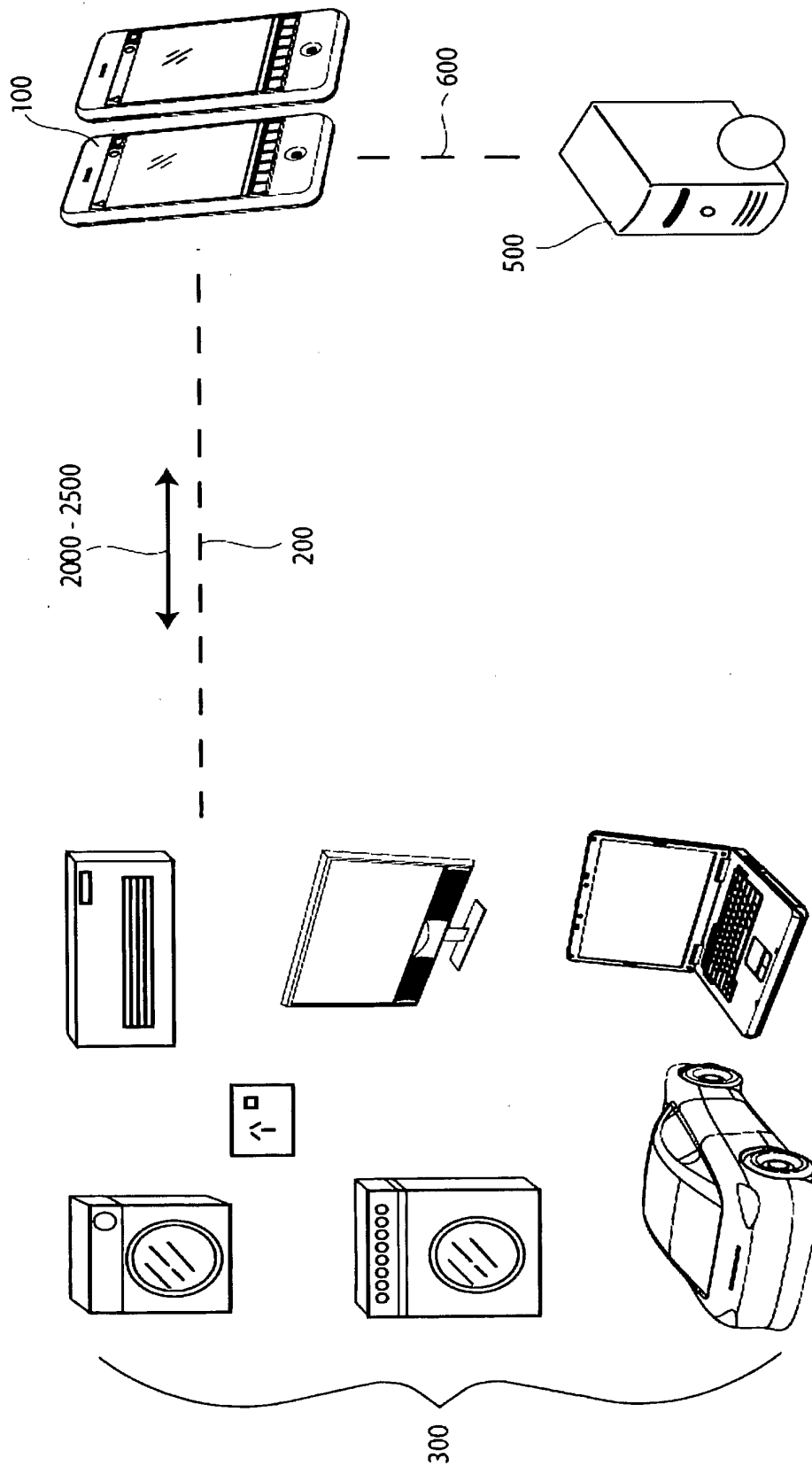
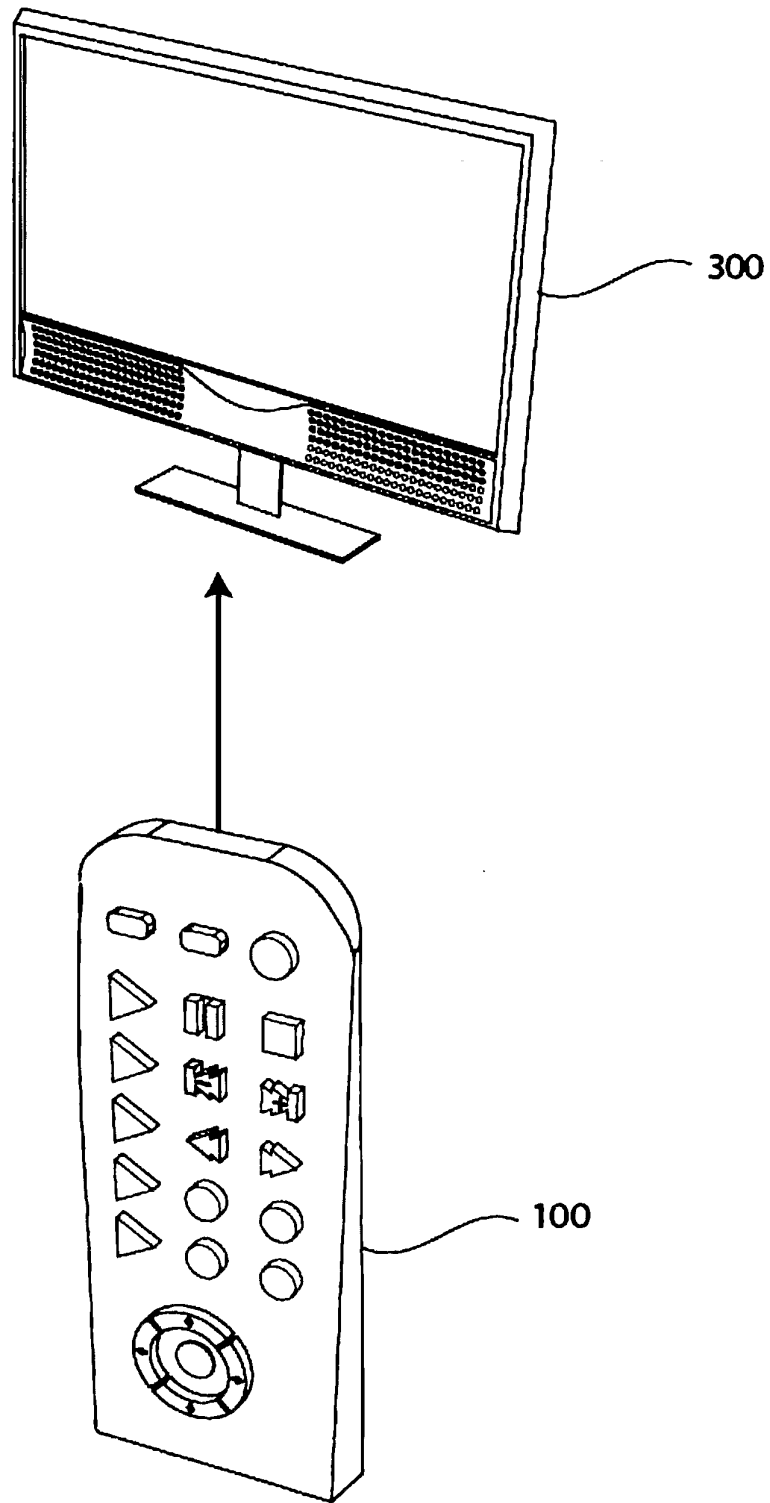
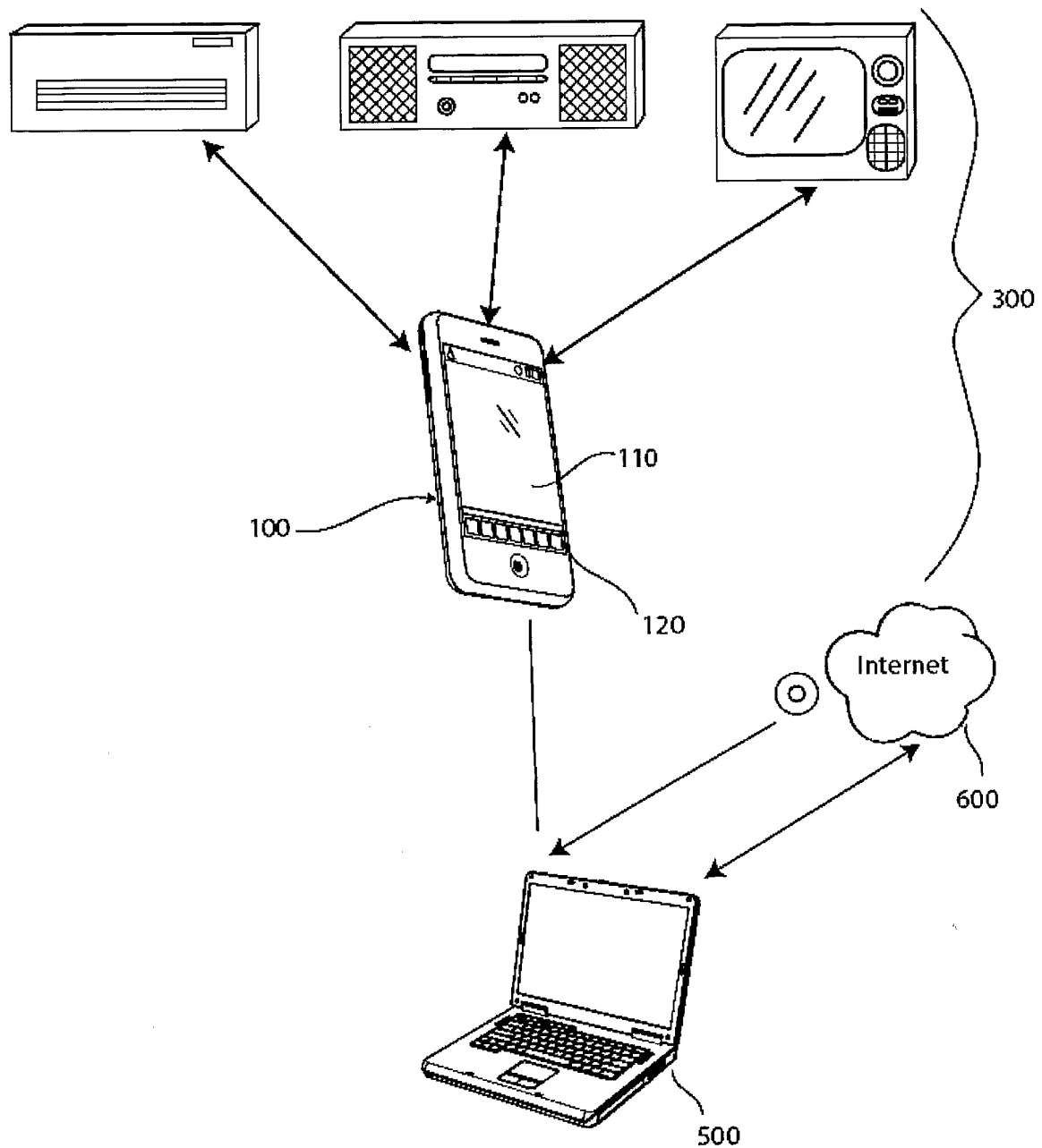


Figure 1

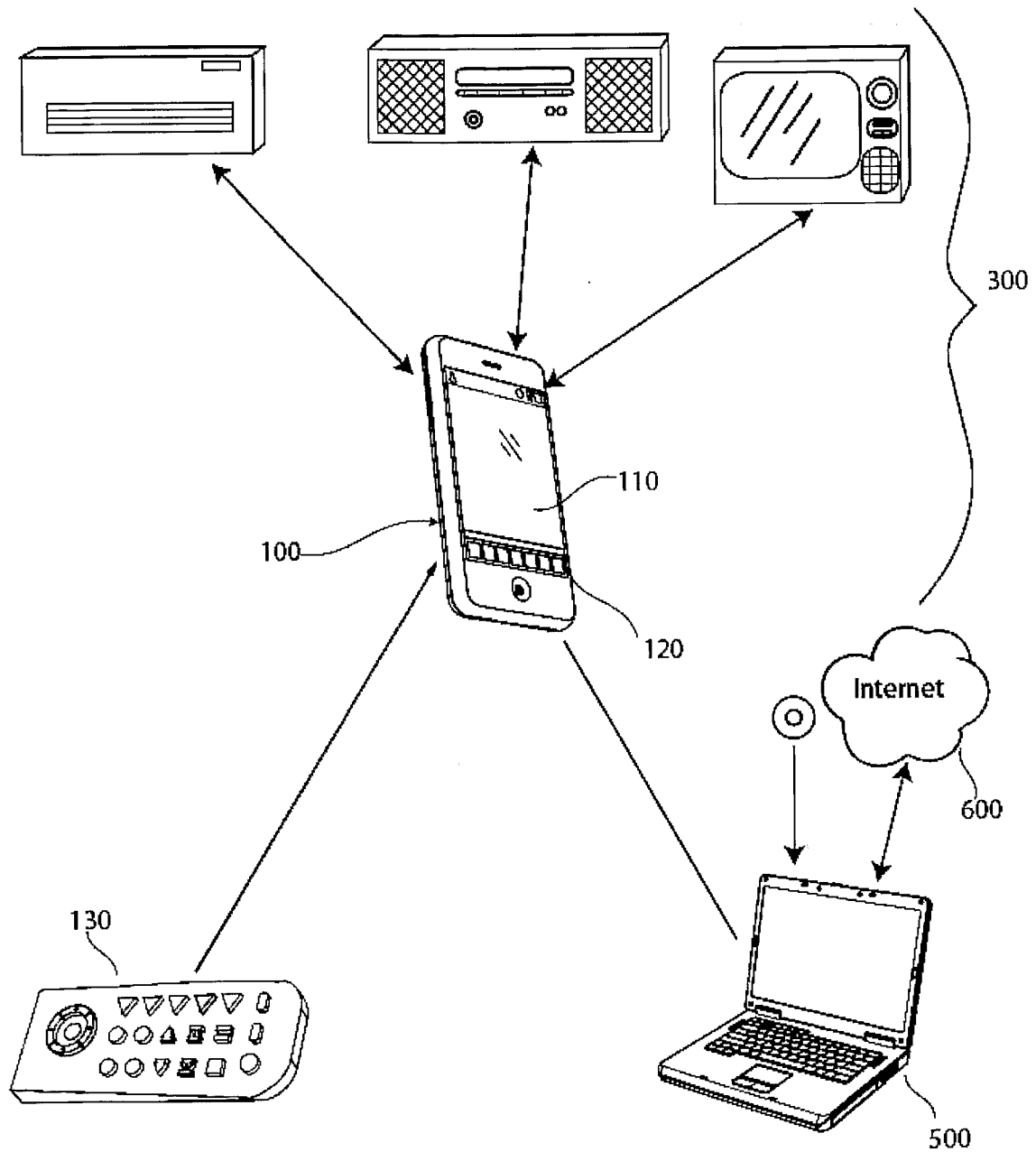
2/29

**Figure 2a**

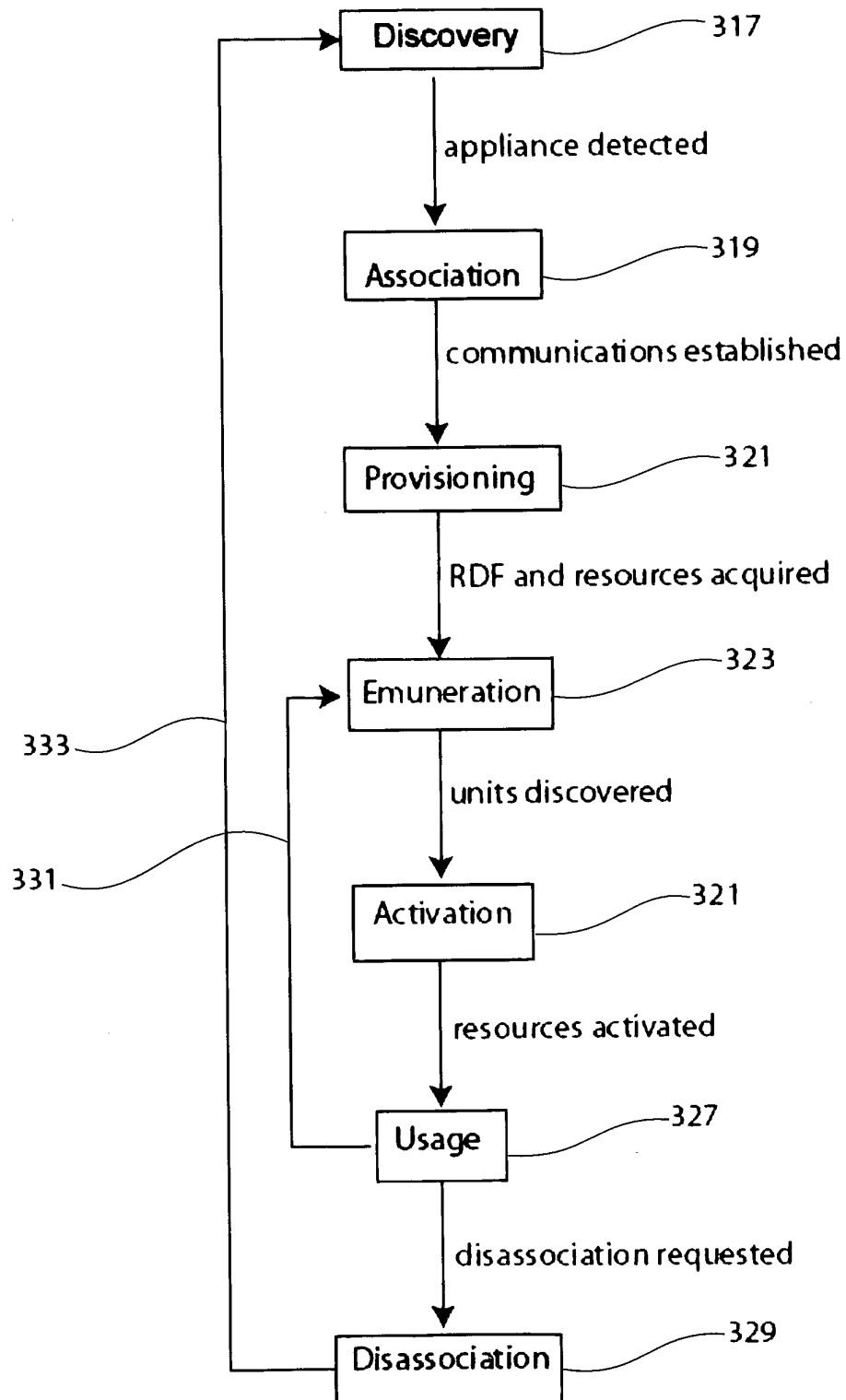
3/29

**Figure 2b**

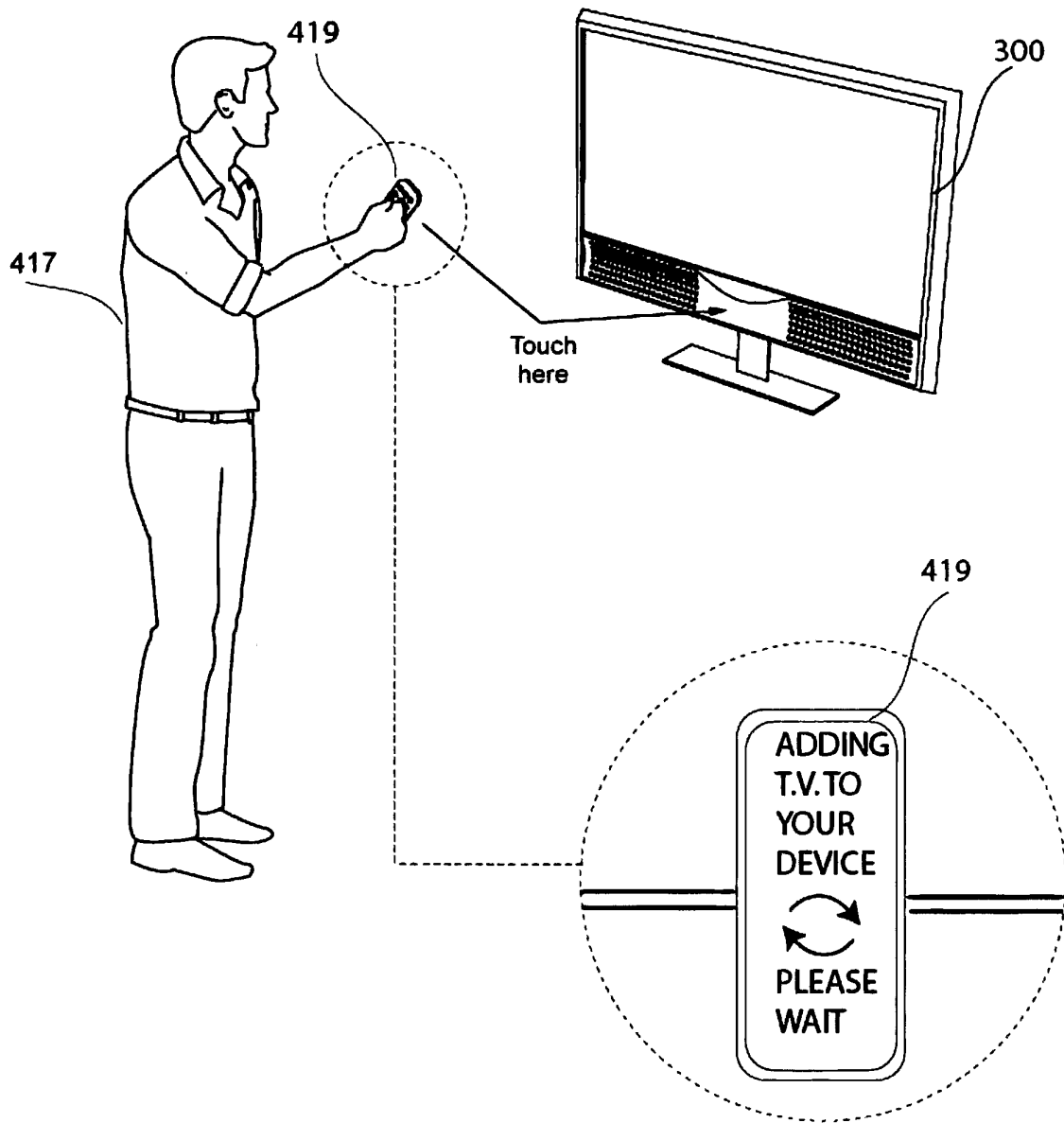
4/29

**Figure 2c**

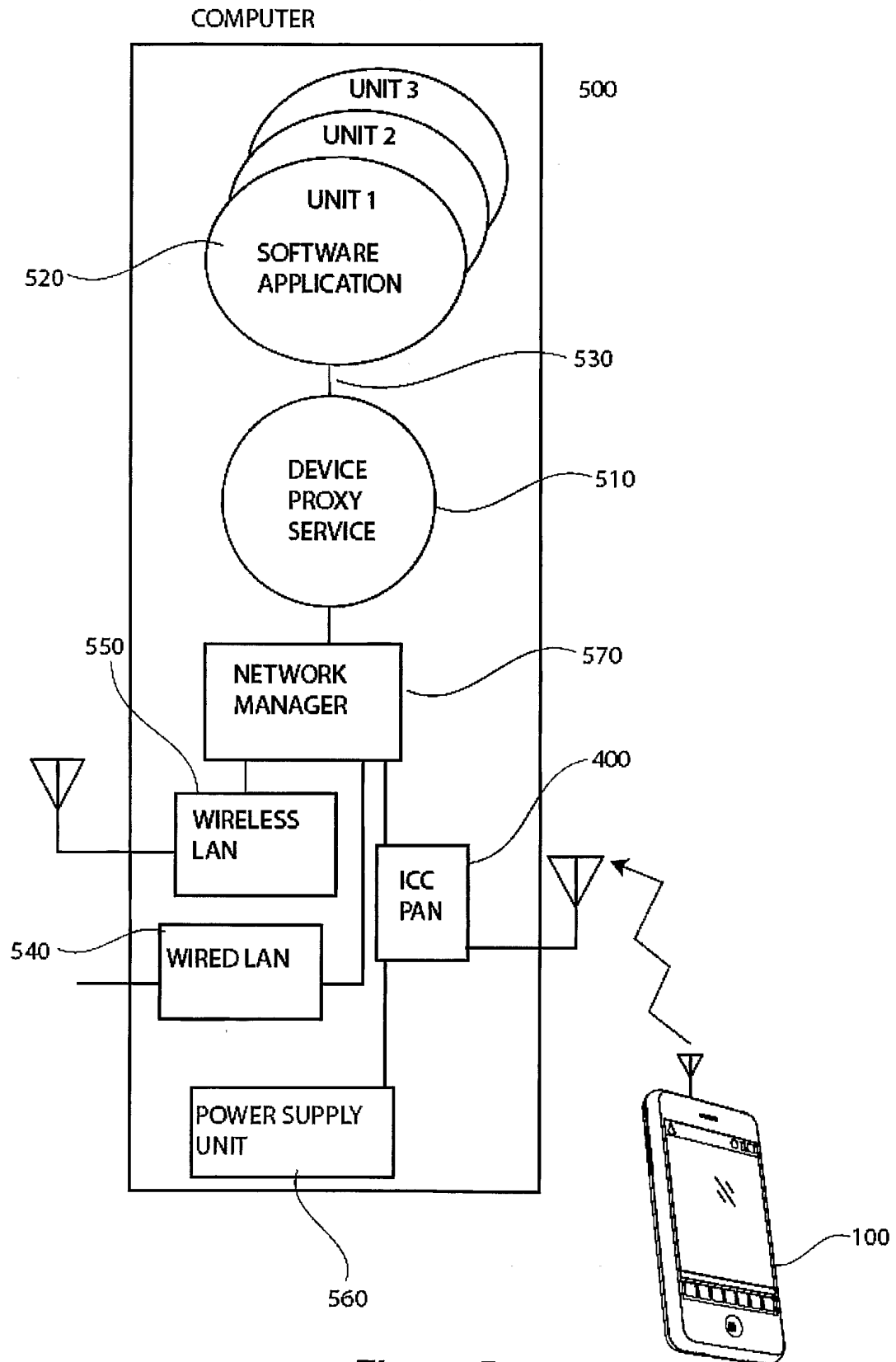
5/29

**Figure 3**

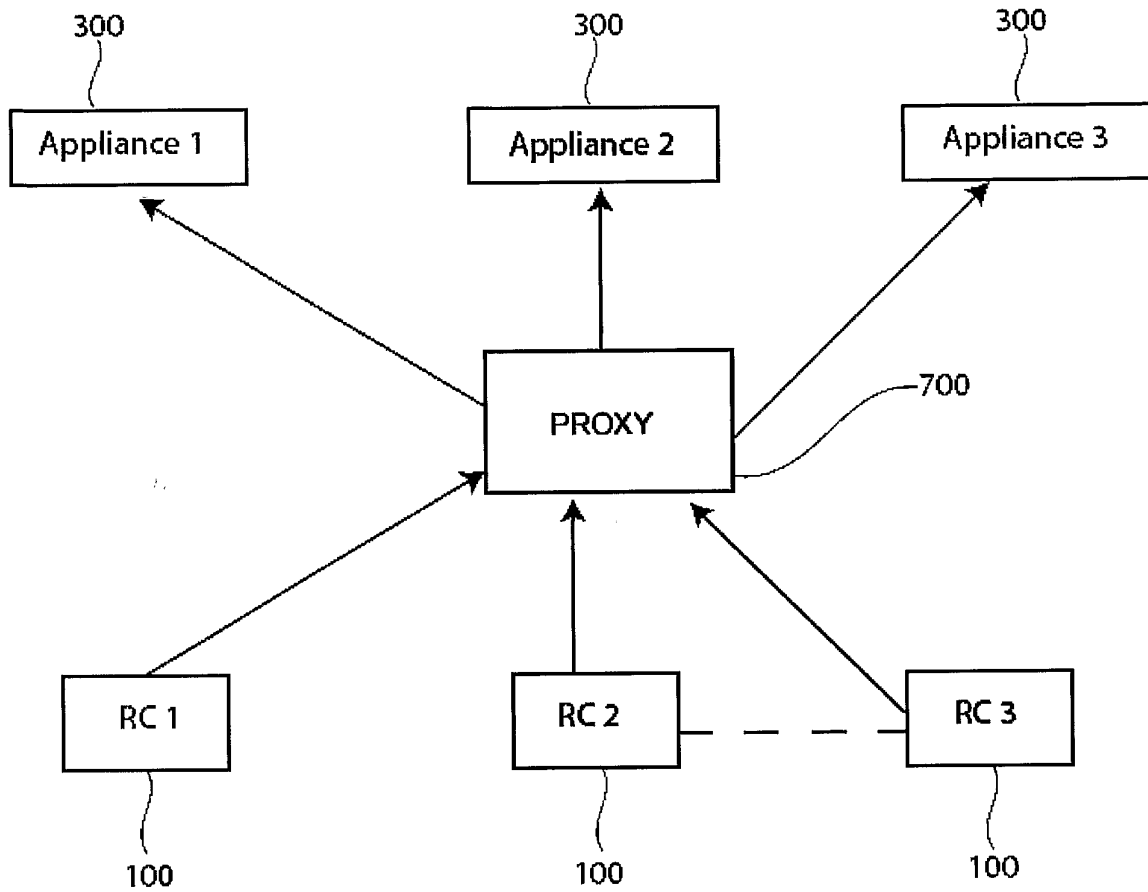
6/29

**Figure 4**

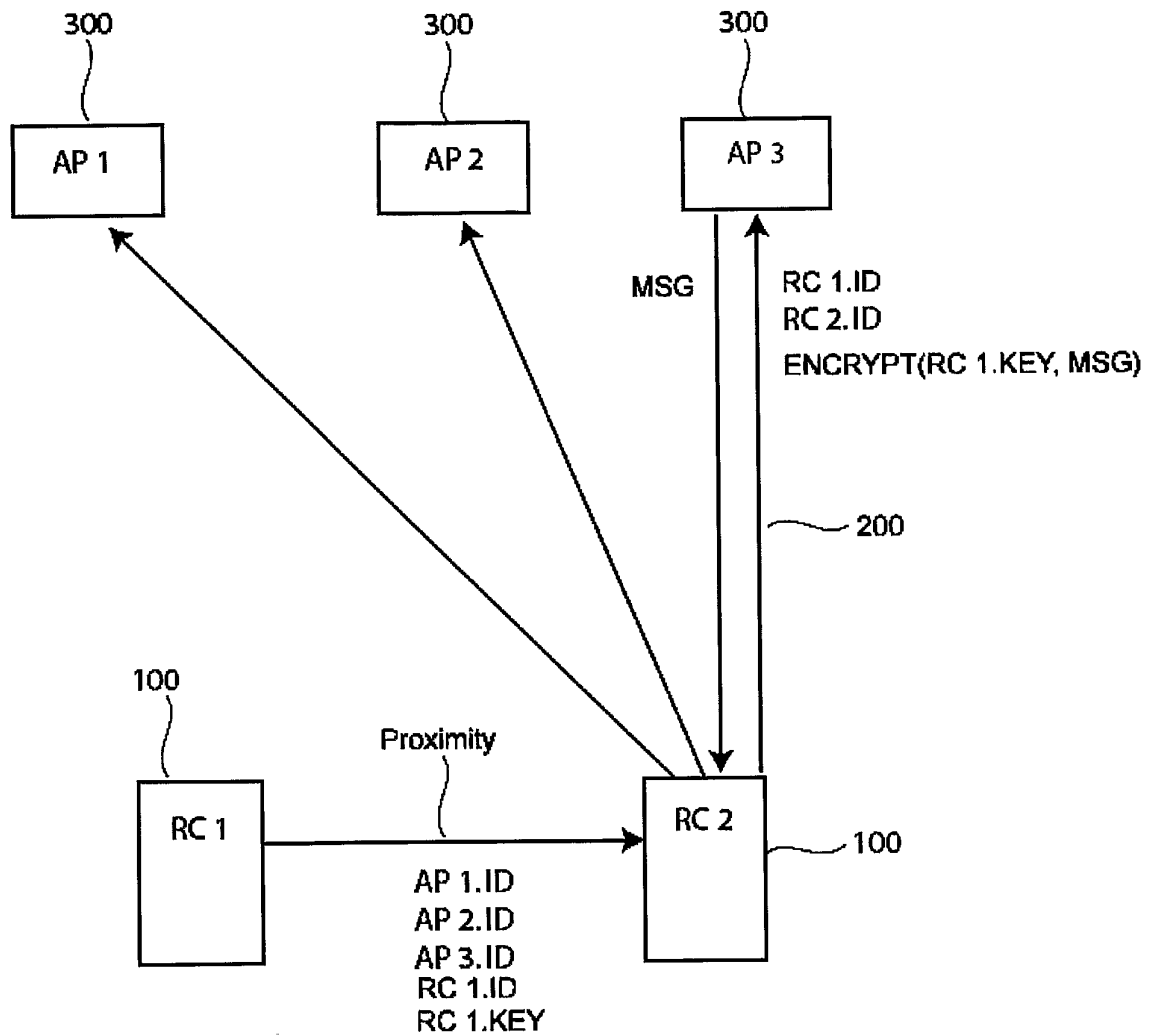
7/29

**Figure 5**

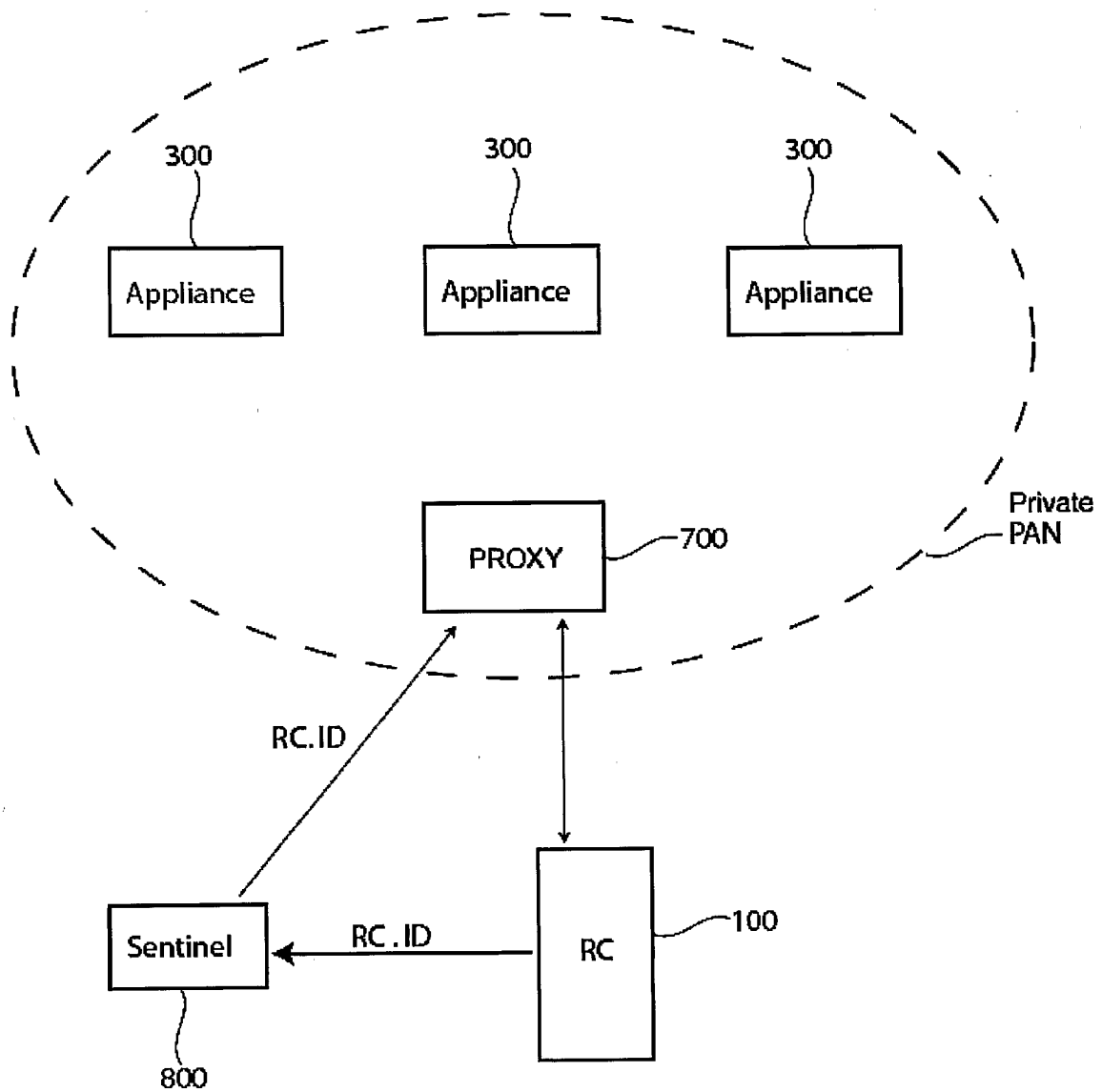
8/29

**Figure 6**

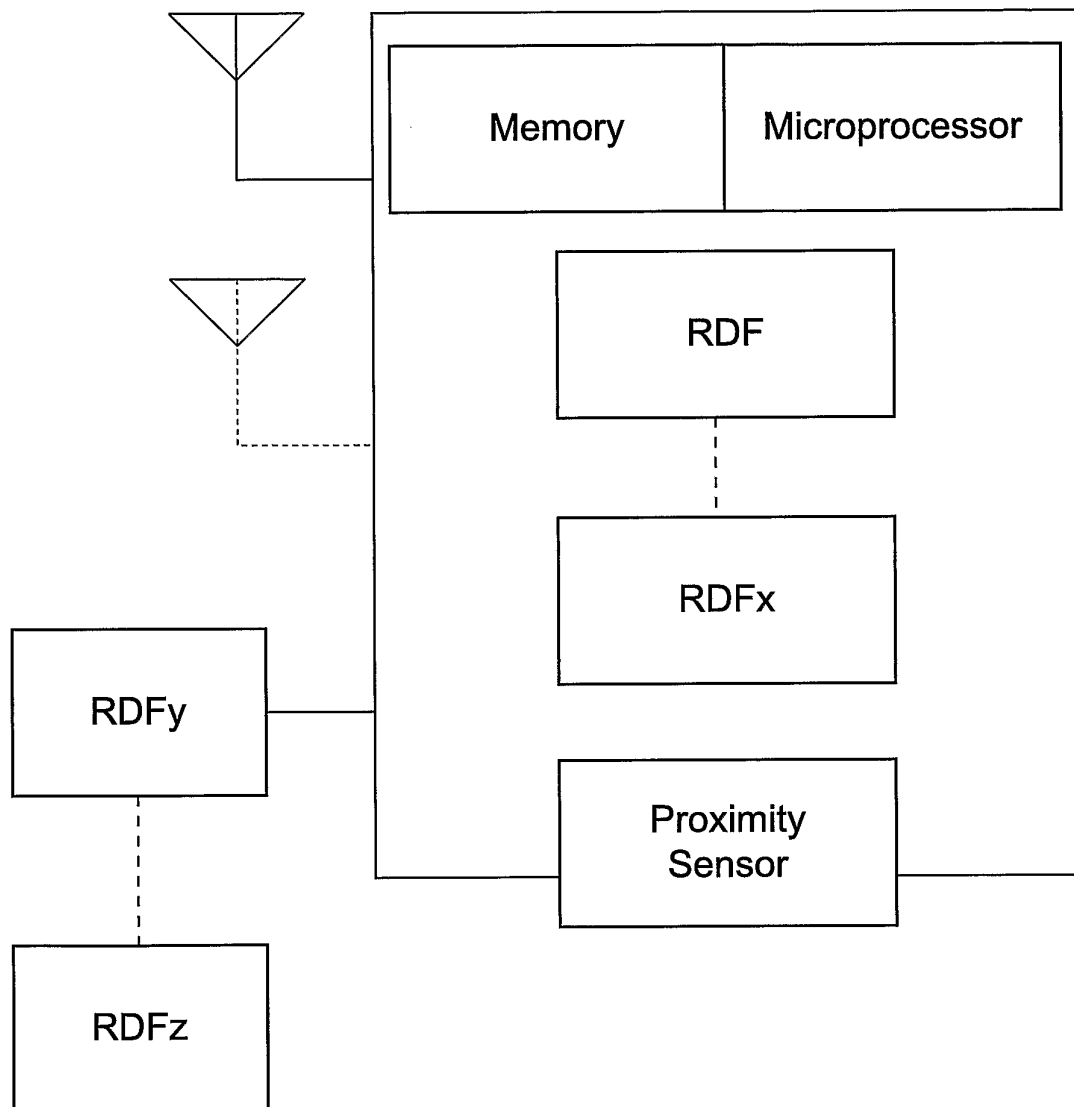
9/29

**Figure 7**

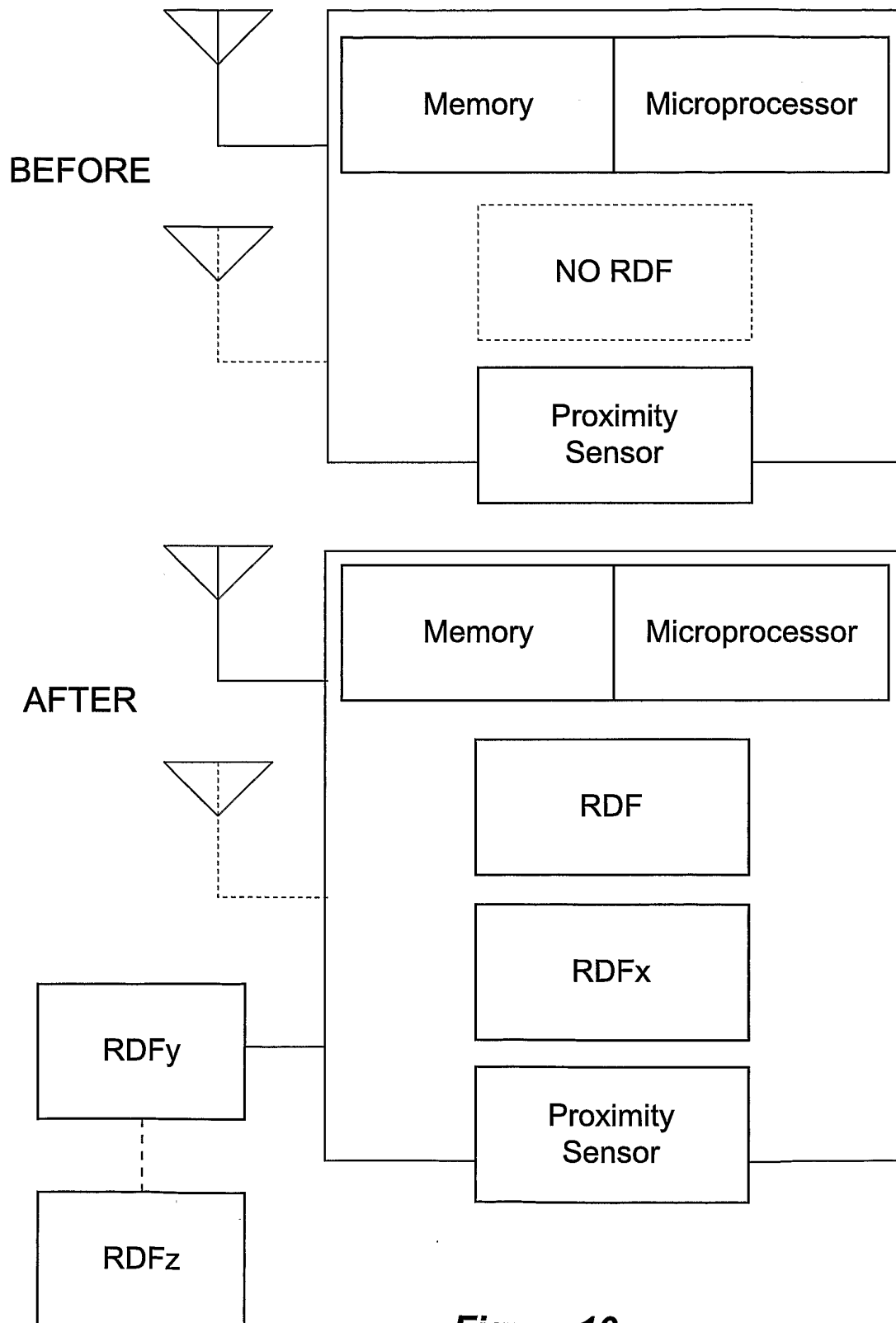
10/29

**Figure 8**

11/29

**Figure 9**

12/29

**Figure 10**

13/29

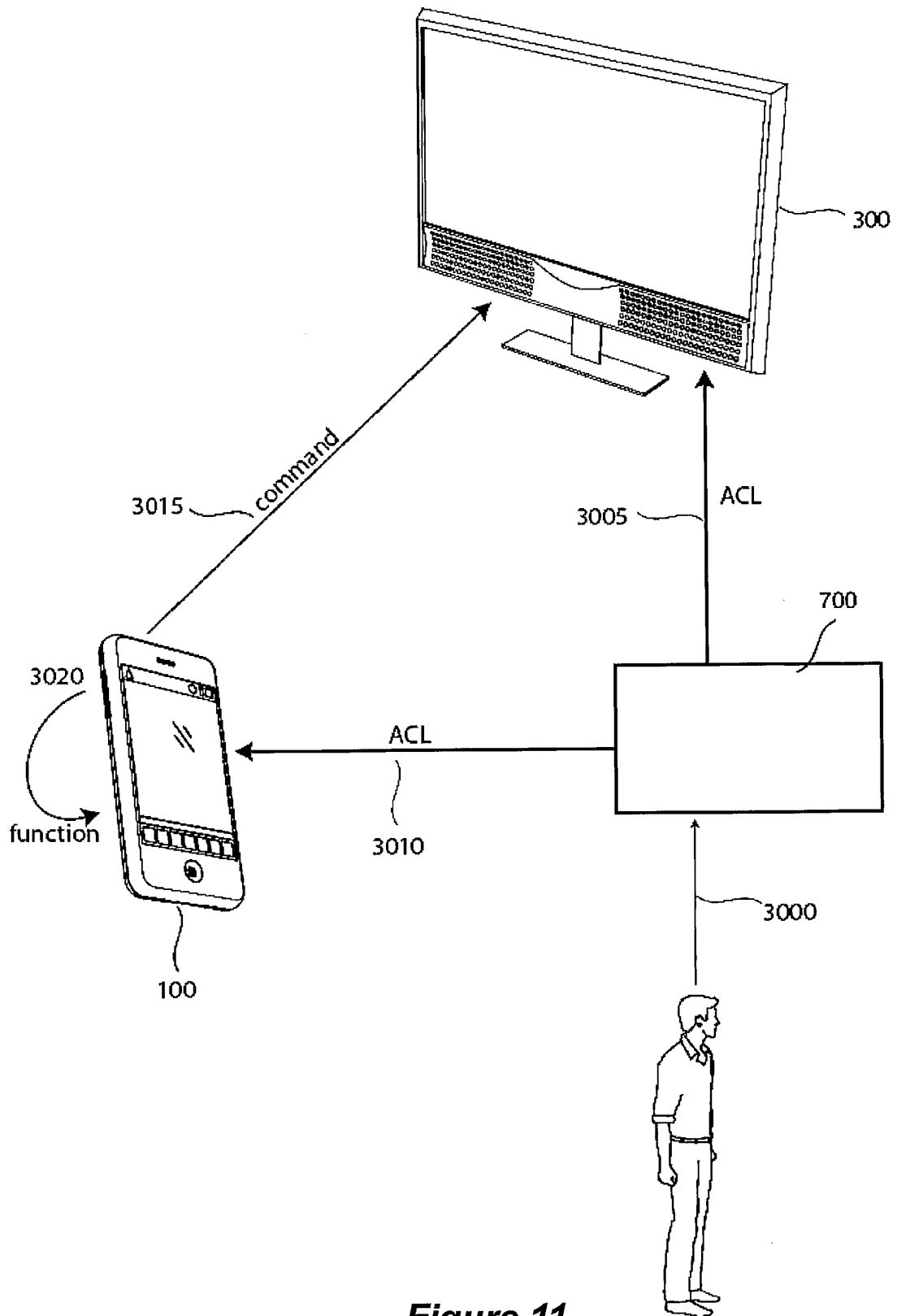
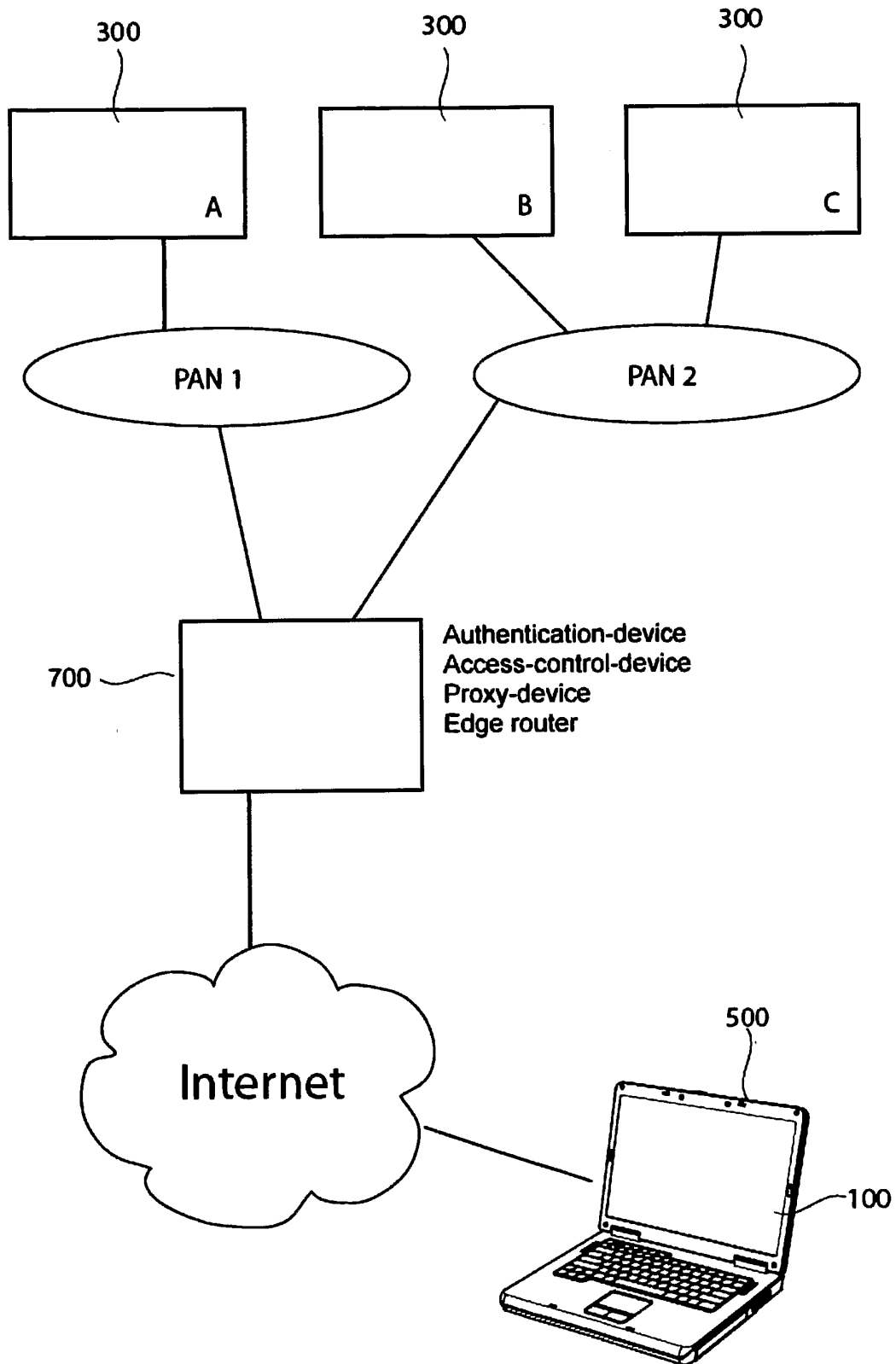
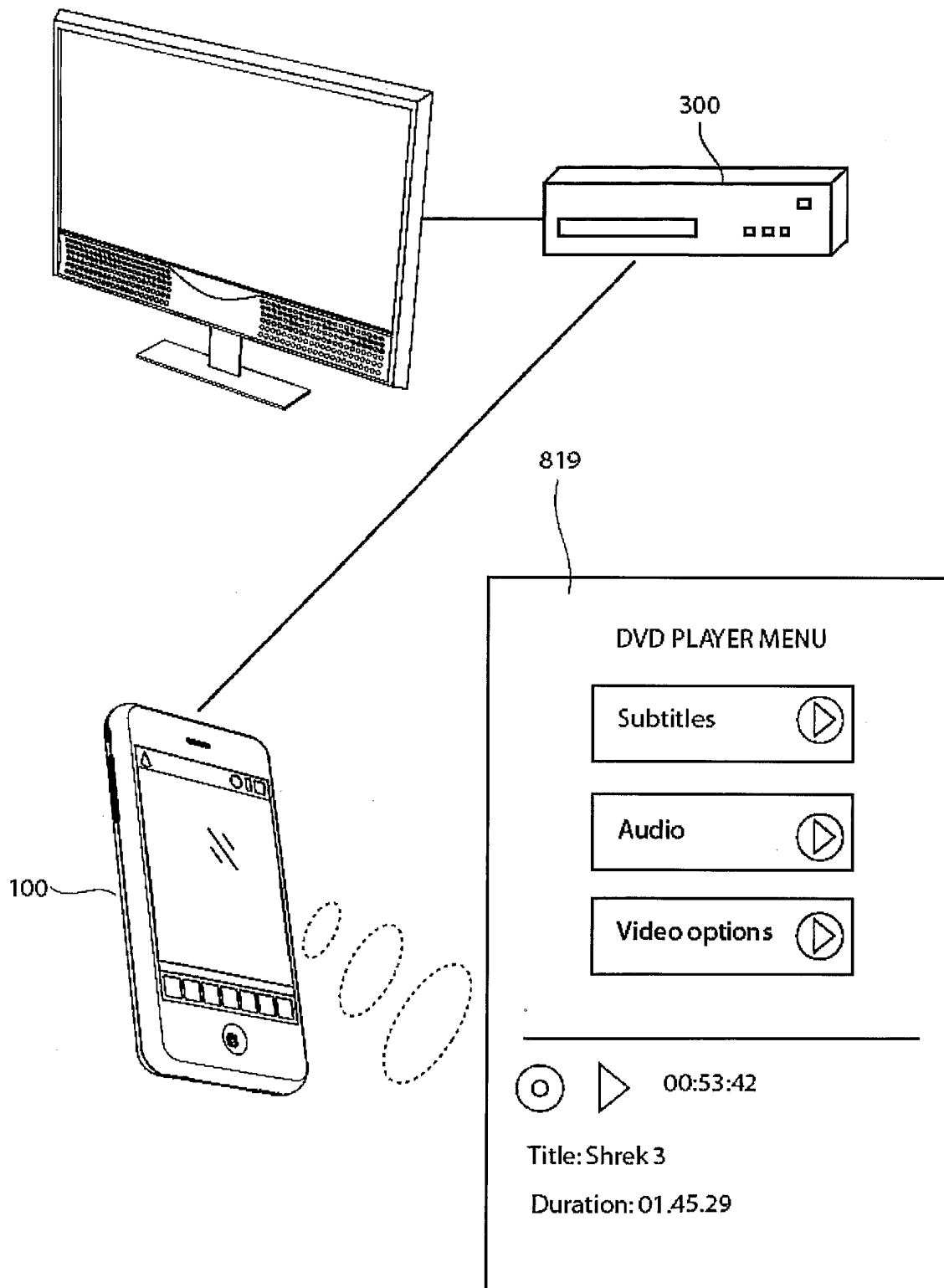


Figure 11

14/29

**Figure 12**

15/29

**Figure 13**

16/29

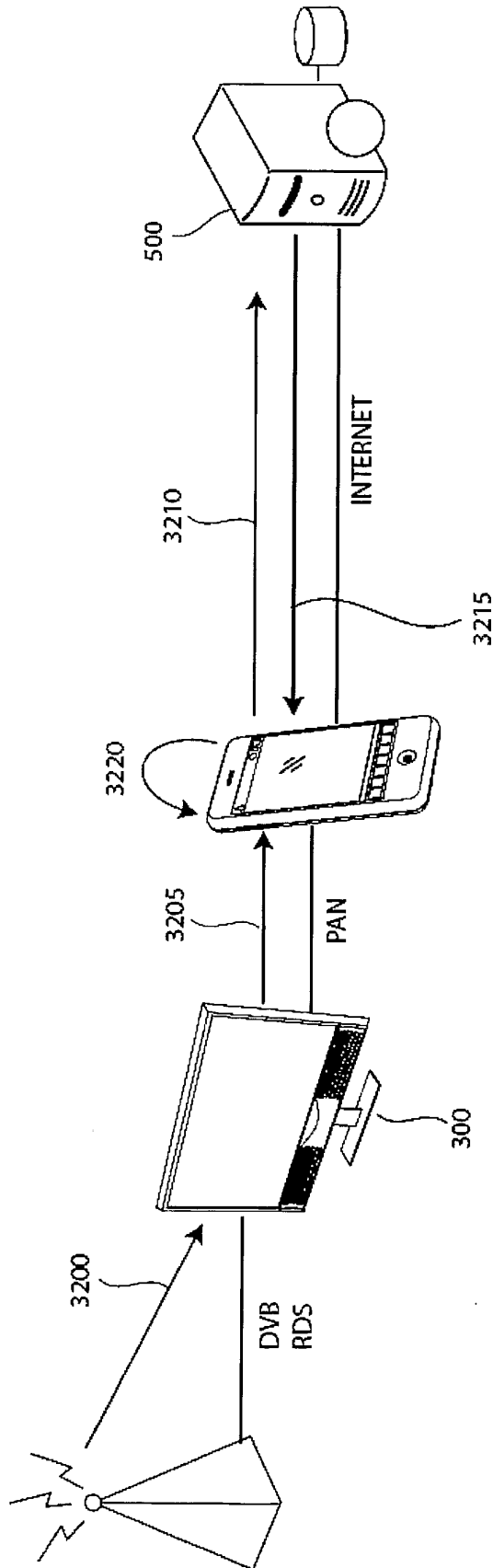


Figure 14

17/29

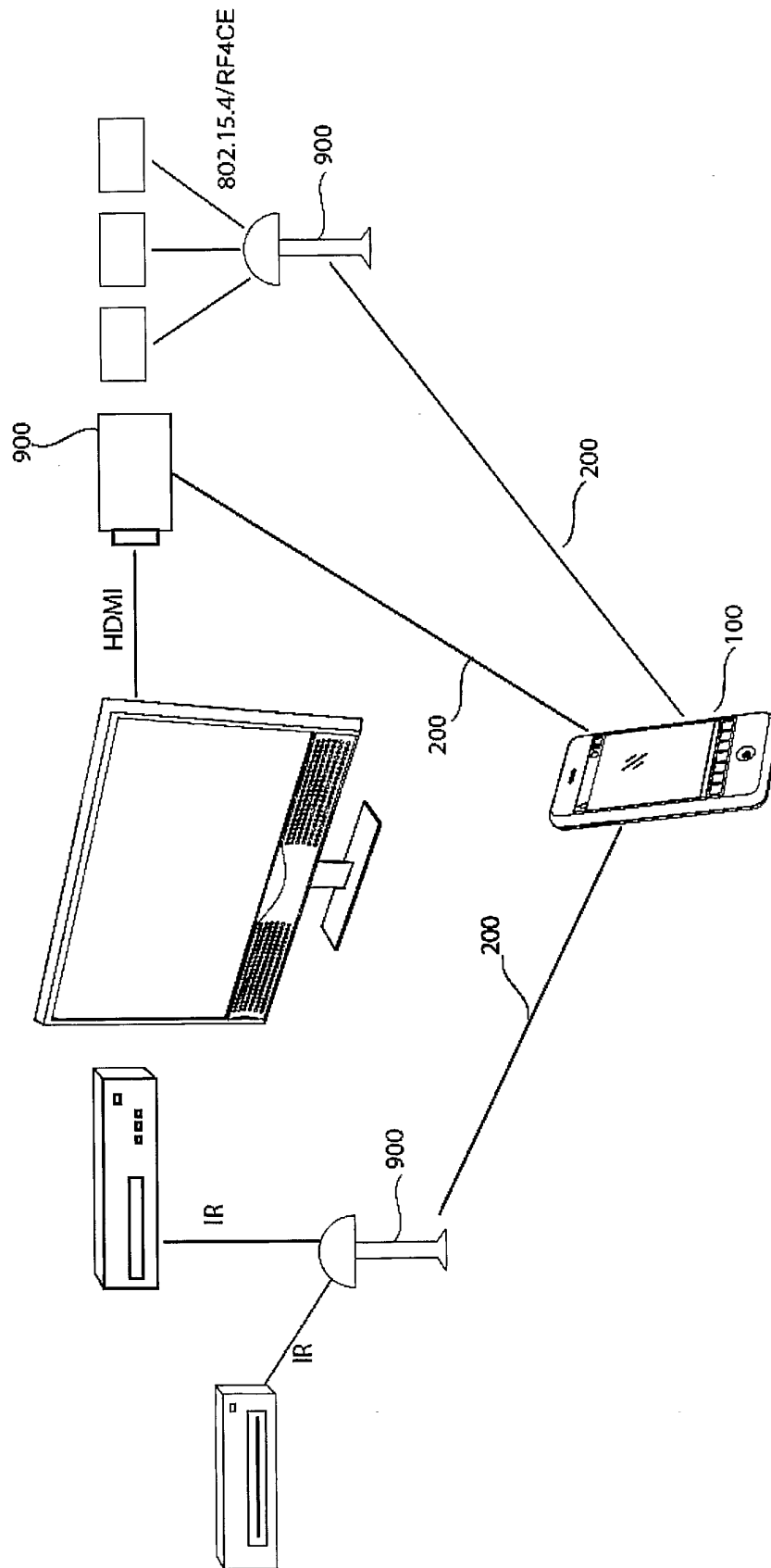


Figure 15

18/29

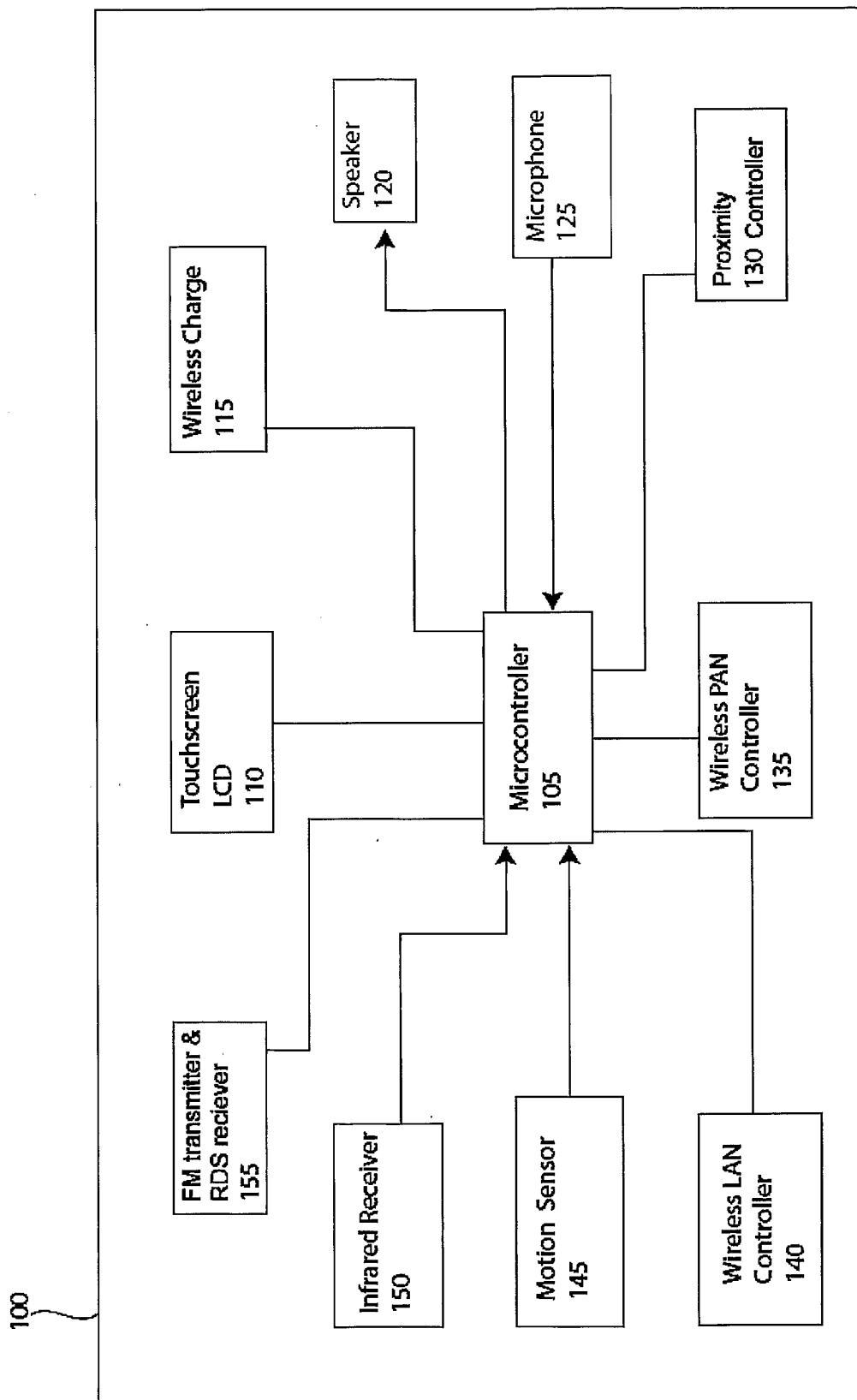


Figure 16

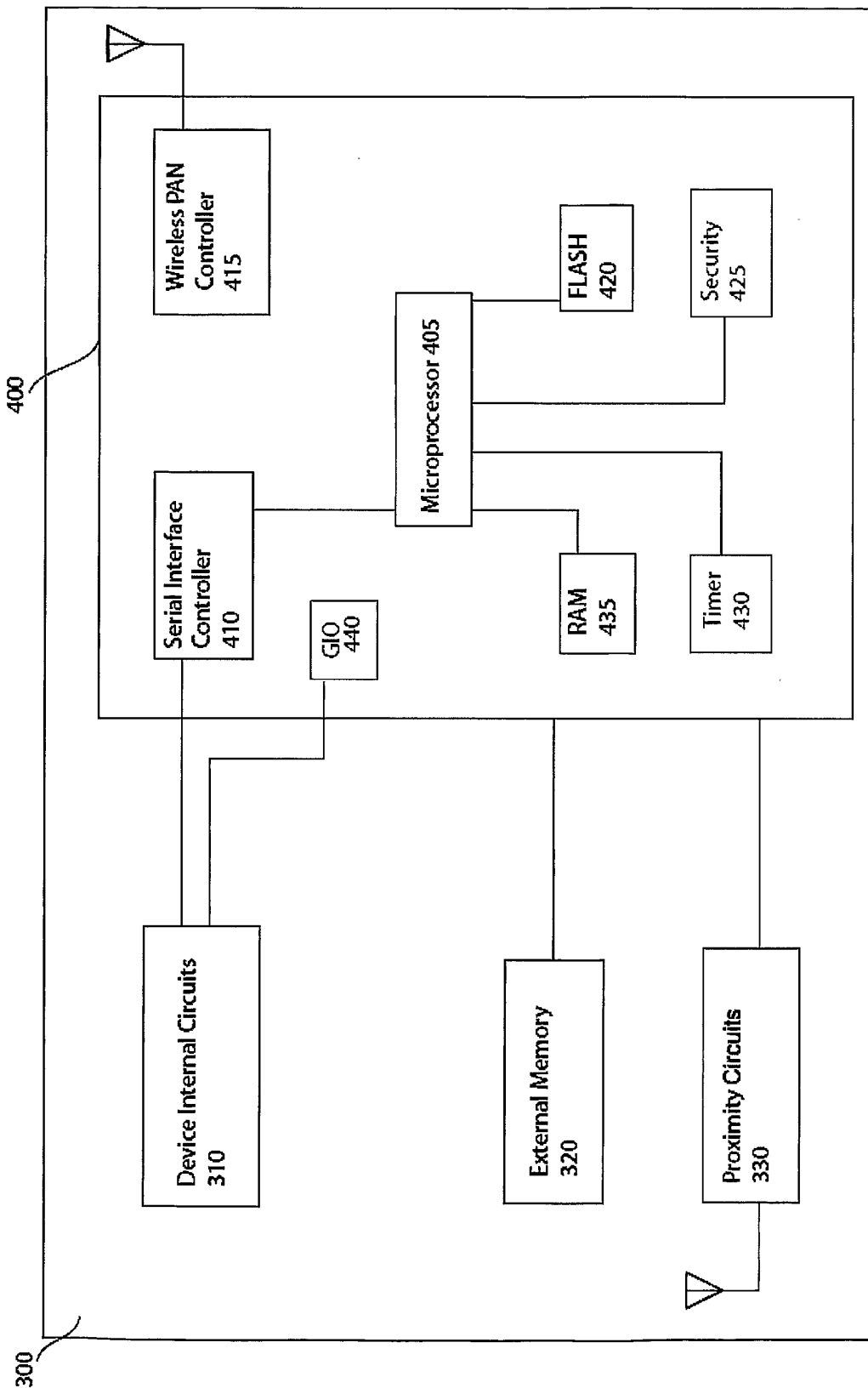
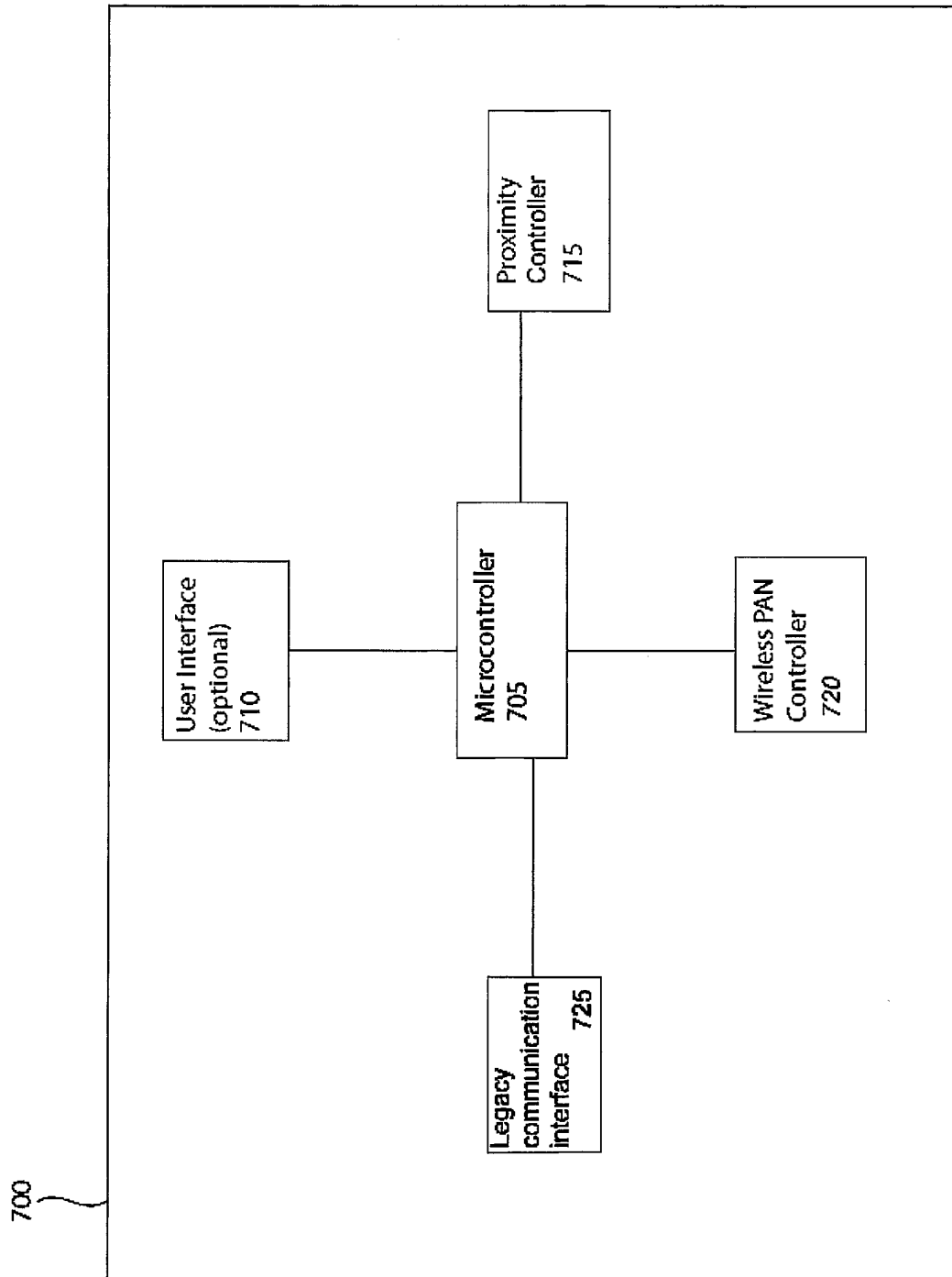


Figure 17

20/29

**Figure 18**

21/29

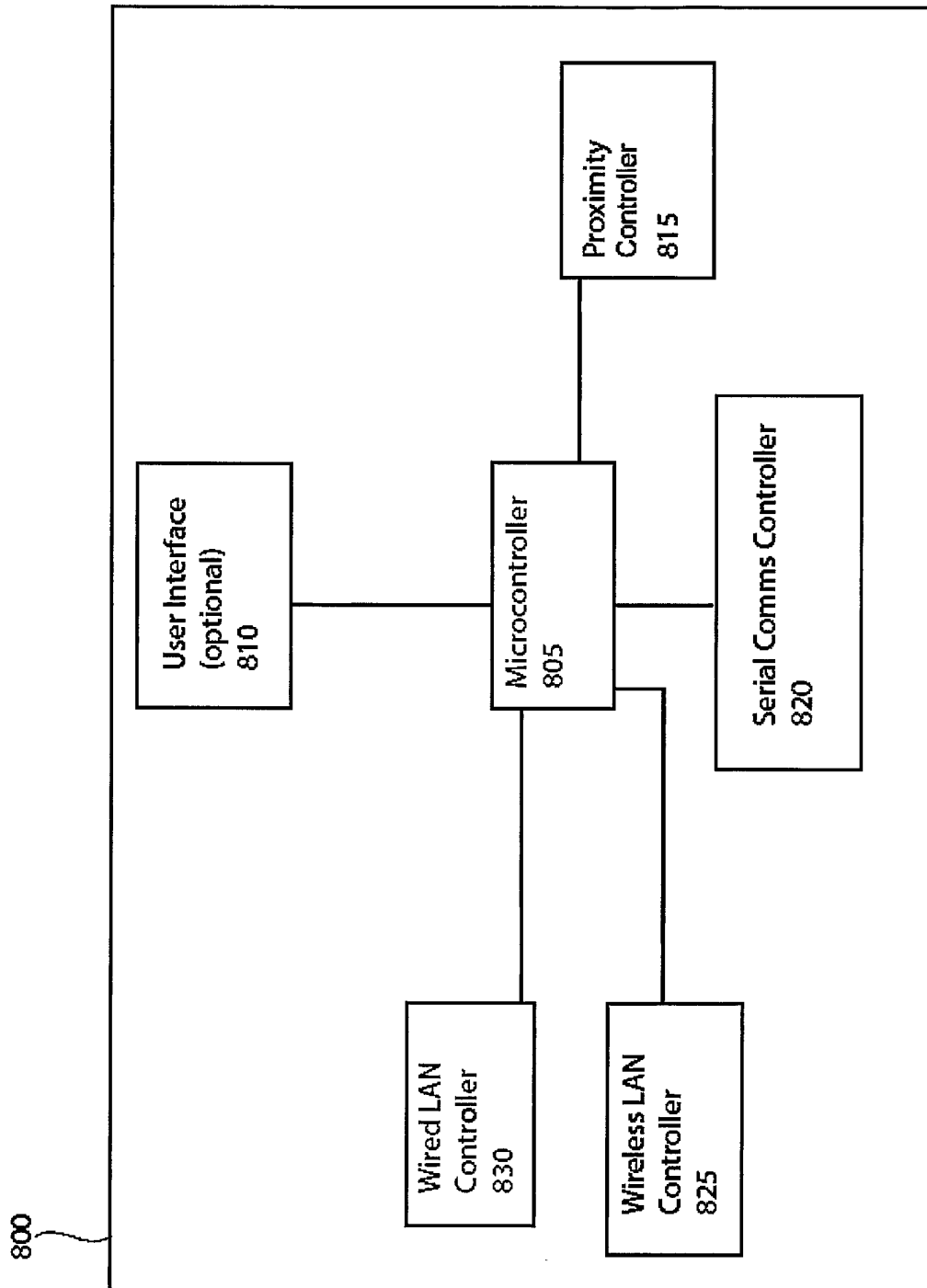


Figure 19

22/29

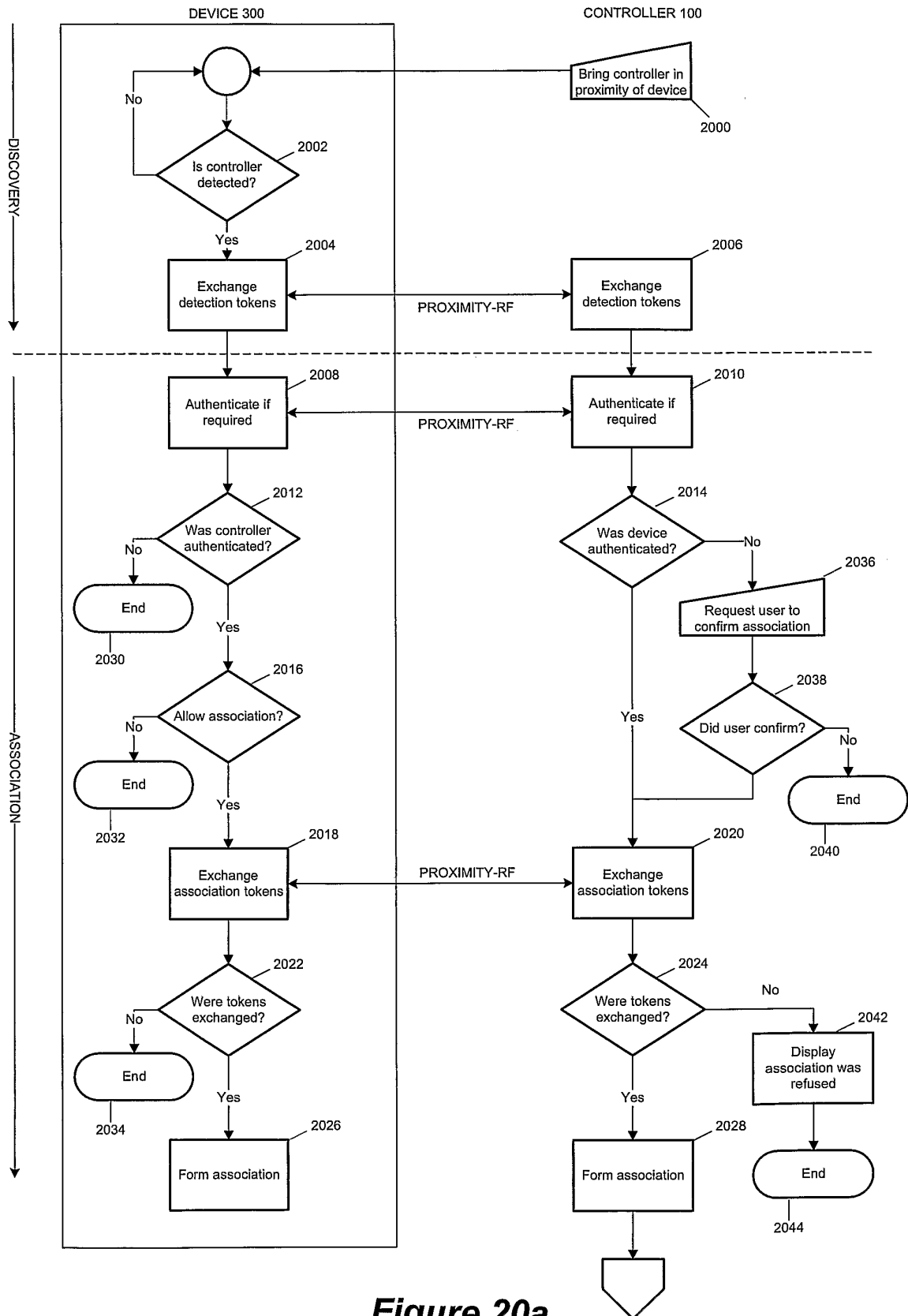
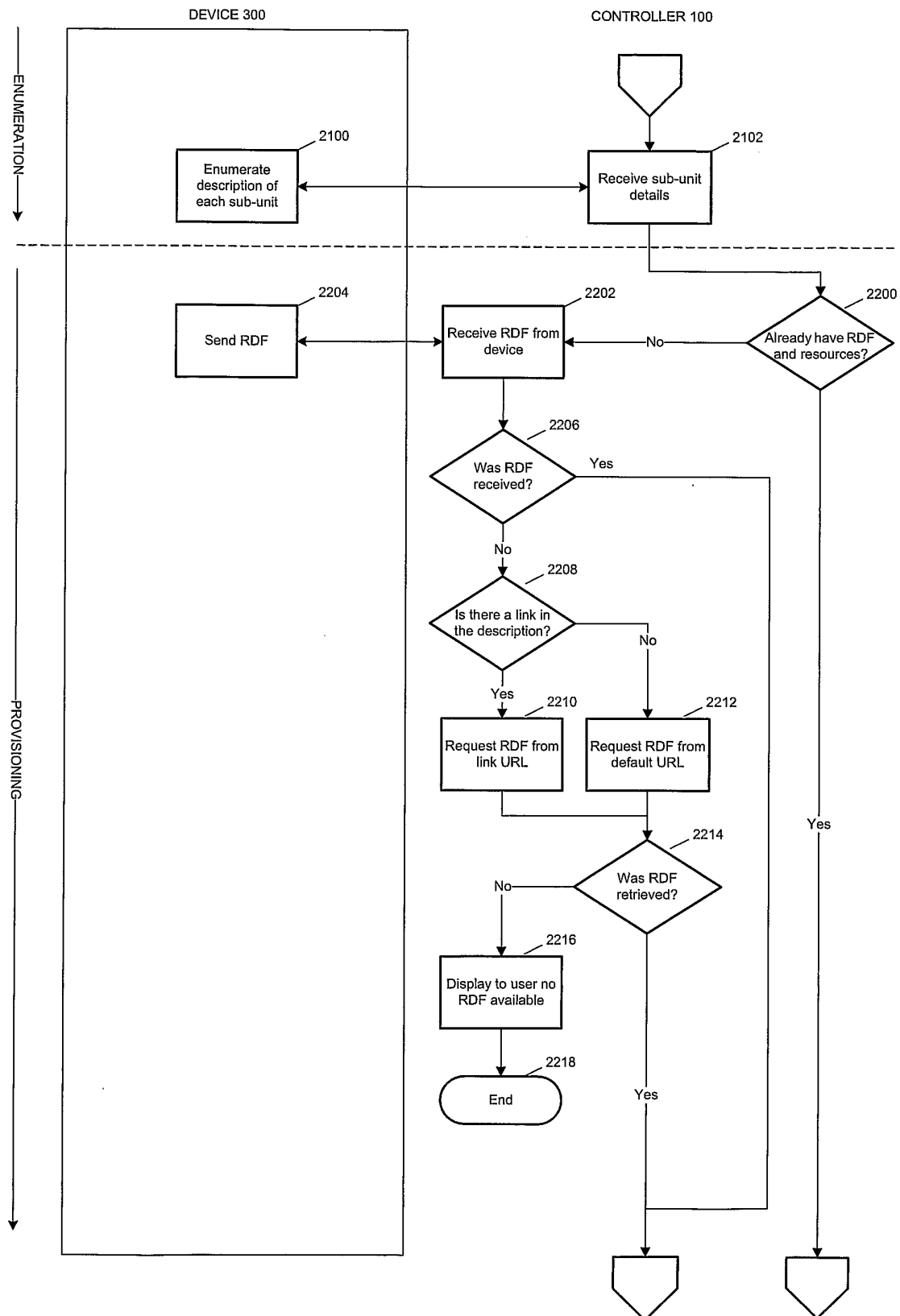


Figure 20a

23/29

**Figure 20b**

24/29

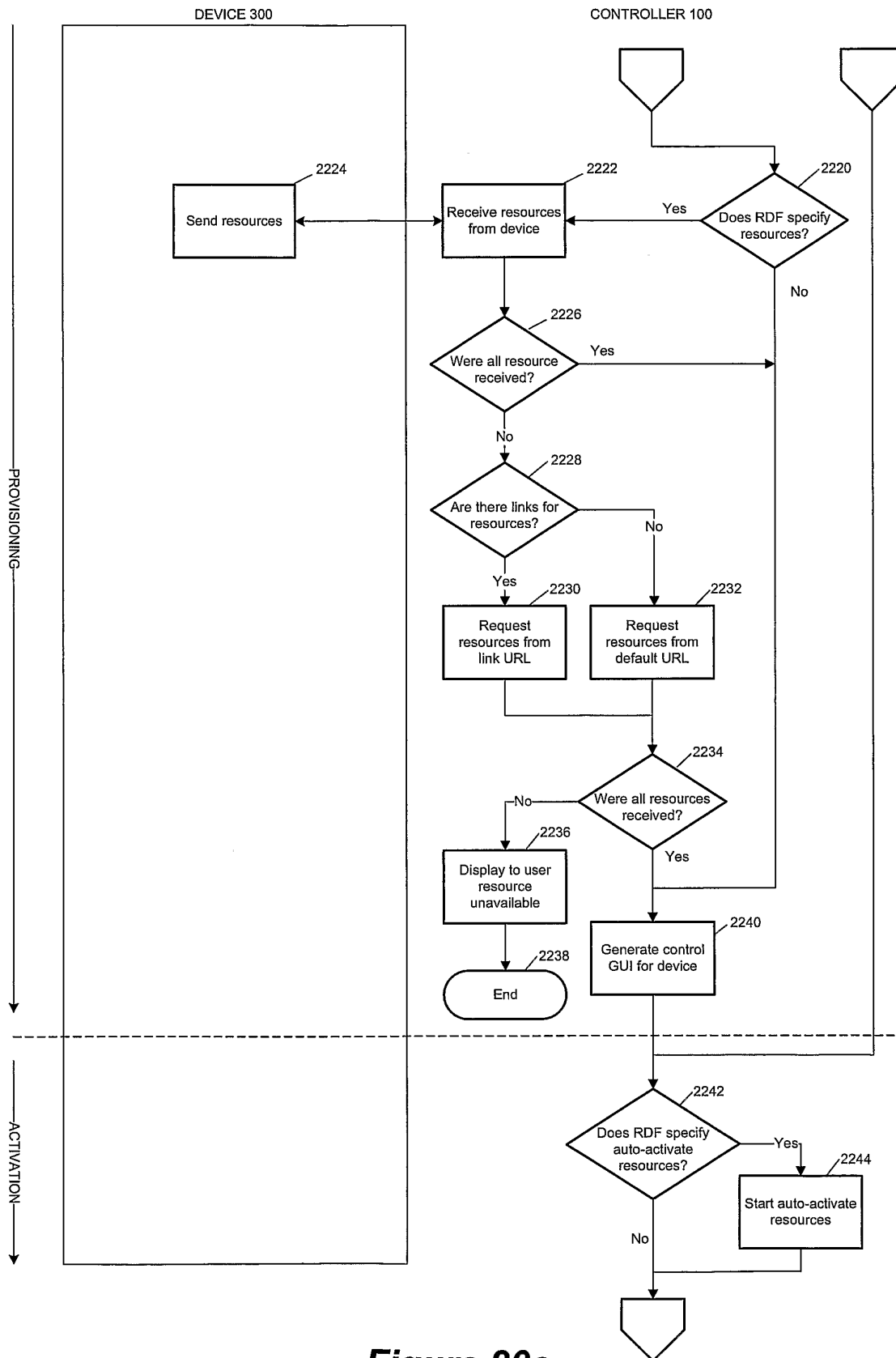
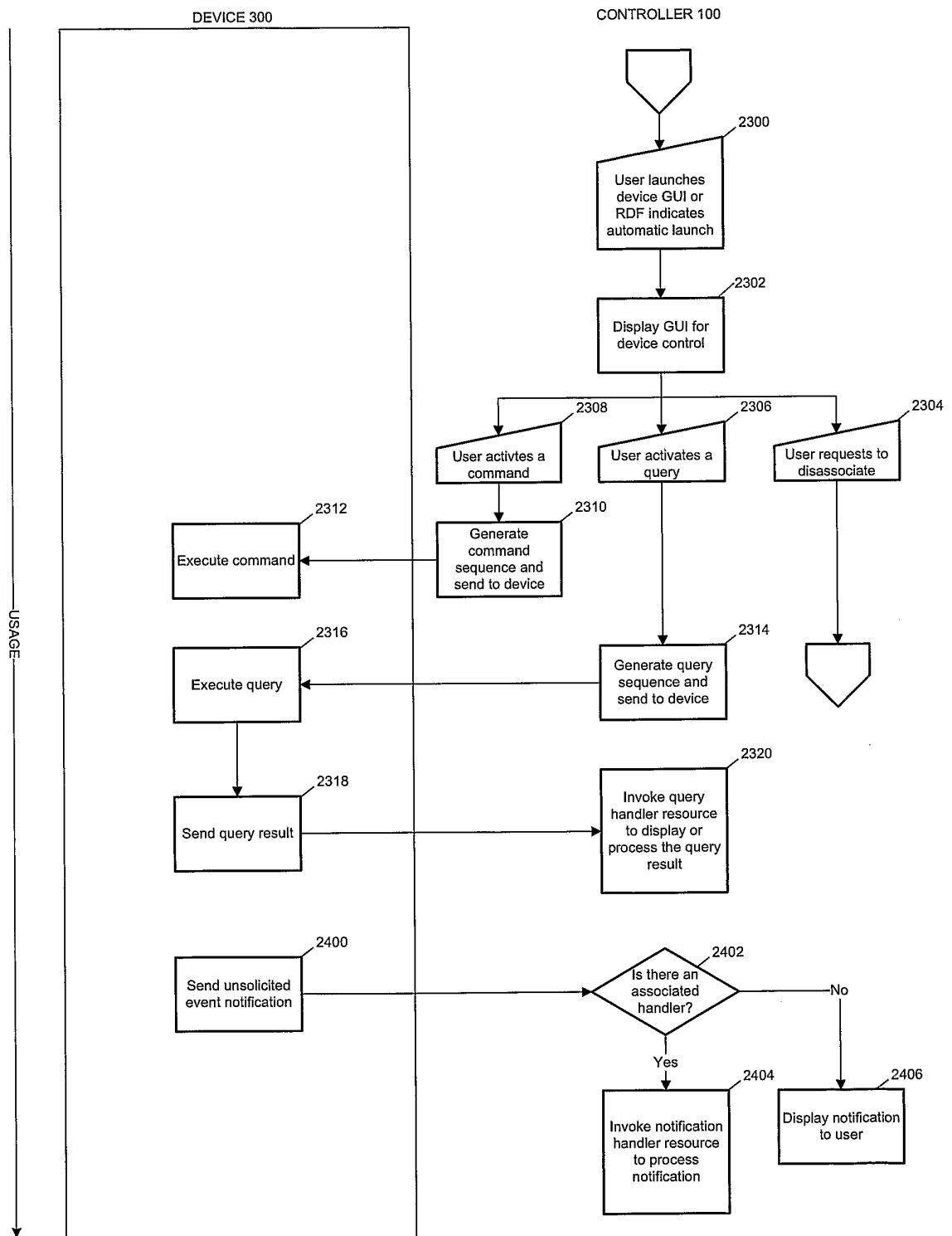
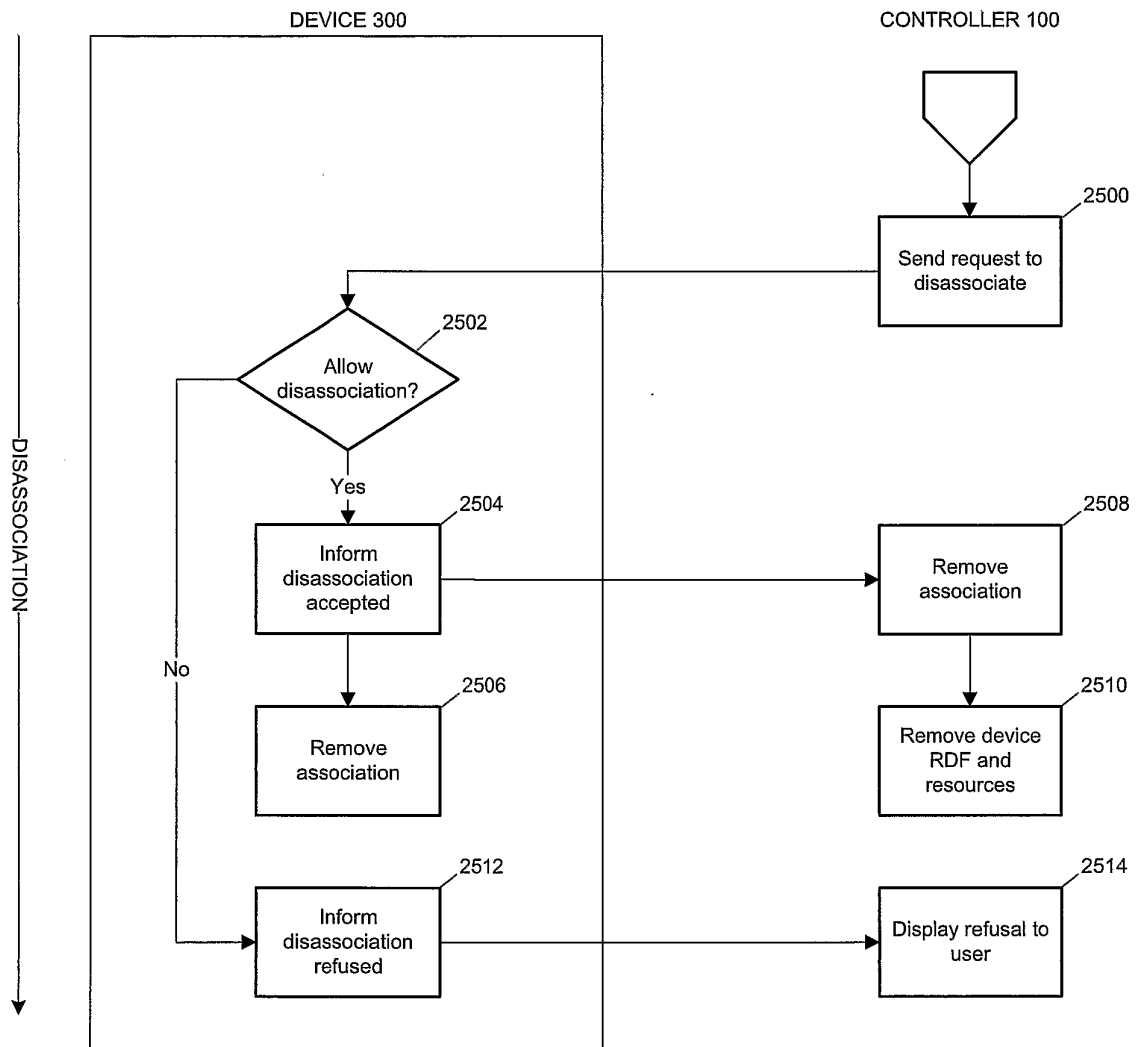


Figure 20c

25/29

**Figure 20d**

26/29

**Figure 20e**

27/29

```

<?xml version="1.0" ?>
<!DOCTYPE rap SYSTEM "rdf.dtd">
<!-- Example RDF for ADRC compliant TV -->

<rdf>
  <device>
    <description>
      <manf>Virtucon</manf>
      <model>ATV1000</model>
      <class>TV</class>
      <version>1.2</version>
    </description>
    <controllable>
      <function id='power'>
        <label>Power</label>
        <cmd>807F</cmd>
        <voice>power on</voice>
      </function>
      <function id='volume'>
        <label>Volume</label>
        <cmd>58A7 $value$</cmd>
        <value>
          <range>
            <min>0</min>
            <max>100</max>
            <step>2</step>
          </range>
        </value>
        <voice>volume $range</voice>
      </function>
      <function id='inputs'>
        <label>Inputs</label>
        <cmd>FE7D $value$</cmd>
        <value>
          <list>
            <item>
              <label>HDMI1</label>
              <tag>hdm11</tag>
            </item>
            <item>
              <label>AV1</label>
              <tag>av1</tag>
            </item>
          </list>
        </value>
      </function>
      <group id='numeric-keys'>
        <!-- controls for 0..9, *, # -->
      </group>
      <voice>
        <attention>teevee</attention>
        <response>television command</response>
      </voice>
    </controllable>
  </device>
</rdf>

```

1000

1010

1011

1012

1013

Figure 21a

28/29

```

<automation>
  <resource type='text/javascript'>
    <implements>xert</implements>
    <script>
      function trigger(url)
      {
        var p=window.getFrame("upper");
        p.location = url;
        p.visible(true);
      }
    </script>
  </resource>

  <resource type='application/octet -stream'>
    <implements>epg</implements>
    <options>autoload, autostop</options>
    <platform name='SR1 '>
      <link ver='1.0' h ref='ftp://virtucon.com/apps/sr1 -epg-1.0/'>
    </platform>
  </resource>

  <interface id='xert'>
    <event id='trigger'>
      <document>
        <member>
          <name>address</name> <type>url</type>
        </member>
      </document>
    </event>
  </interface>

  <interface id='epg'>
    <document id='guide'>
      <array><struct>
        <member>
          <name>program-name</name> <type>string</type>
        </member>
        <member>
          <name>start-date</name> <type>dateTime.iso8601</type>
        </member>
      </struct></array>
    </document>

    <event id='changed' document='guide' />

    <method id='subscribe' >
      <call>
        <param><name>event</name><type>string</type></param>
      </call>
    </method>

    <method id='get-guide'>
      <return document='guide' />
    </method>
  </interface>
</automation>

```

1020

1021

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Figure 21b

29/29

