

## 11 Documents

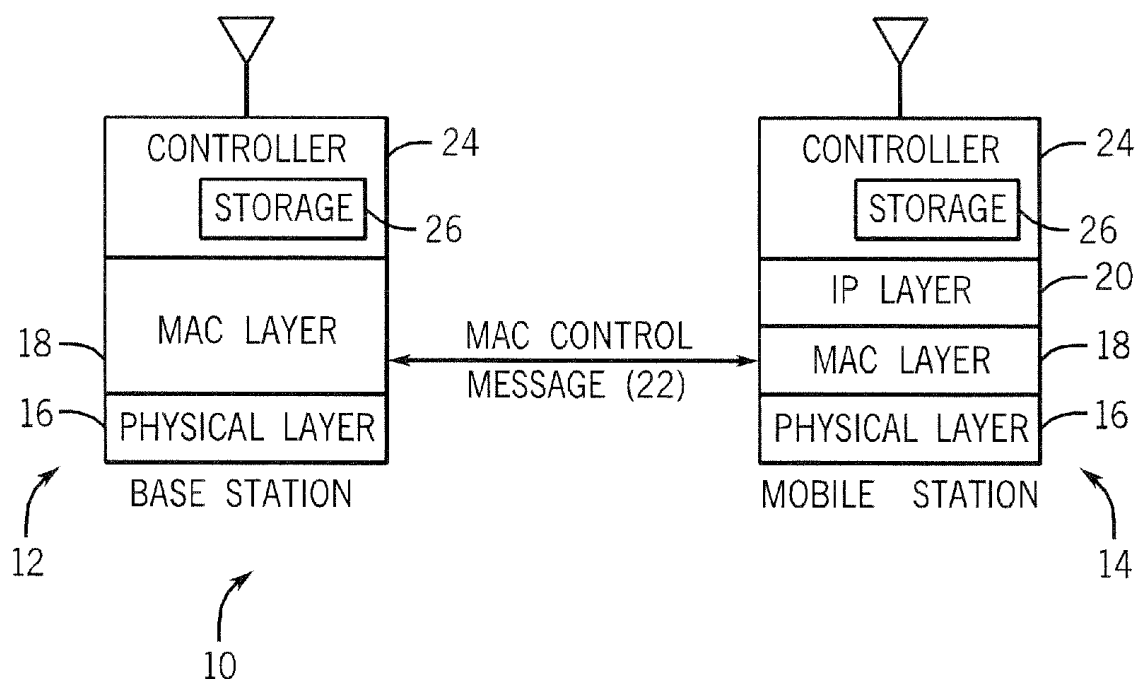
| Publication numbers              | Title                                                                                                                            | Current assignees  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <a href="#">US20110044286 A1</a> | Allocating group resources for wireless communications                                                                           | INTEL              |
| <a href="#">FI201206147 A</a>    | Small data techniques and configurations in a wireless communication network                                                     | INTEL              |
| <a href="#">WO2015105248 A1</a>  | Method and apparatus for transmitting and receiving frame supporting short mac header in wireless lan system                     | LG ELECTRONICS     |
| <a href="#">FI201306094 A</a>    | Systems and methods for enhanced user equipment assistance information in wireless communication systems                         | INTEL              |
| <a href="#">CA2931664 A1</a>     | Techniques for communication between interworking function and short message service nodes for device trigger replacement/recall | INTEL              |
| <a href="#">WO2009114629 A1</a>  | Techniques enabling dynamic bandwidth reservation in a wireless personal area network                                            | INTEL              |
| <a href="#">US20090312073 A1</a> | Methods and systems for <b>power</b> savings using a message indication header                                                   | QUALCOMM           |
| <a href="#">US20160359913 A1</a> | System for monitoring and managing datacenters                                                                                   | CISCO TECHNOLOGY   |
| <a href="#">ZA9703612 B</a>      | Broadcast and reception system, and conditional access system therefor                                                           | NAGRA FRANCE       |
| <a href="#">US20140236365 A1</a> | Methods for analyzing and optimizing the performance of a data collection network of an electrical distribution grid             | ASTROLINK INT, ... |
| <a href="#">US20140208004 A1</a> | Translation layer partitioned between host and controller                                                                        | AGERE SYSTEMS, ... |

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**Title**

(EP2471325)

Allocating group resources for wireless communications

**Images****Abstract**

(EP2471325)

A single format of MAC control message may be used for the addition, deletion, or rearrangement of users in a group within a wireless network. In some cases, a change in the nature of the group may be implemented immediately upon receipt of a positive acknowledgement. A mobile station may determine its ACID without maintaining information about the previous ACID or startup frame.

**Inventors**

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**Latest standardized assignees - inventors removed**

INTEL

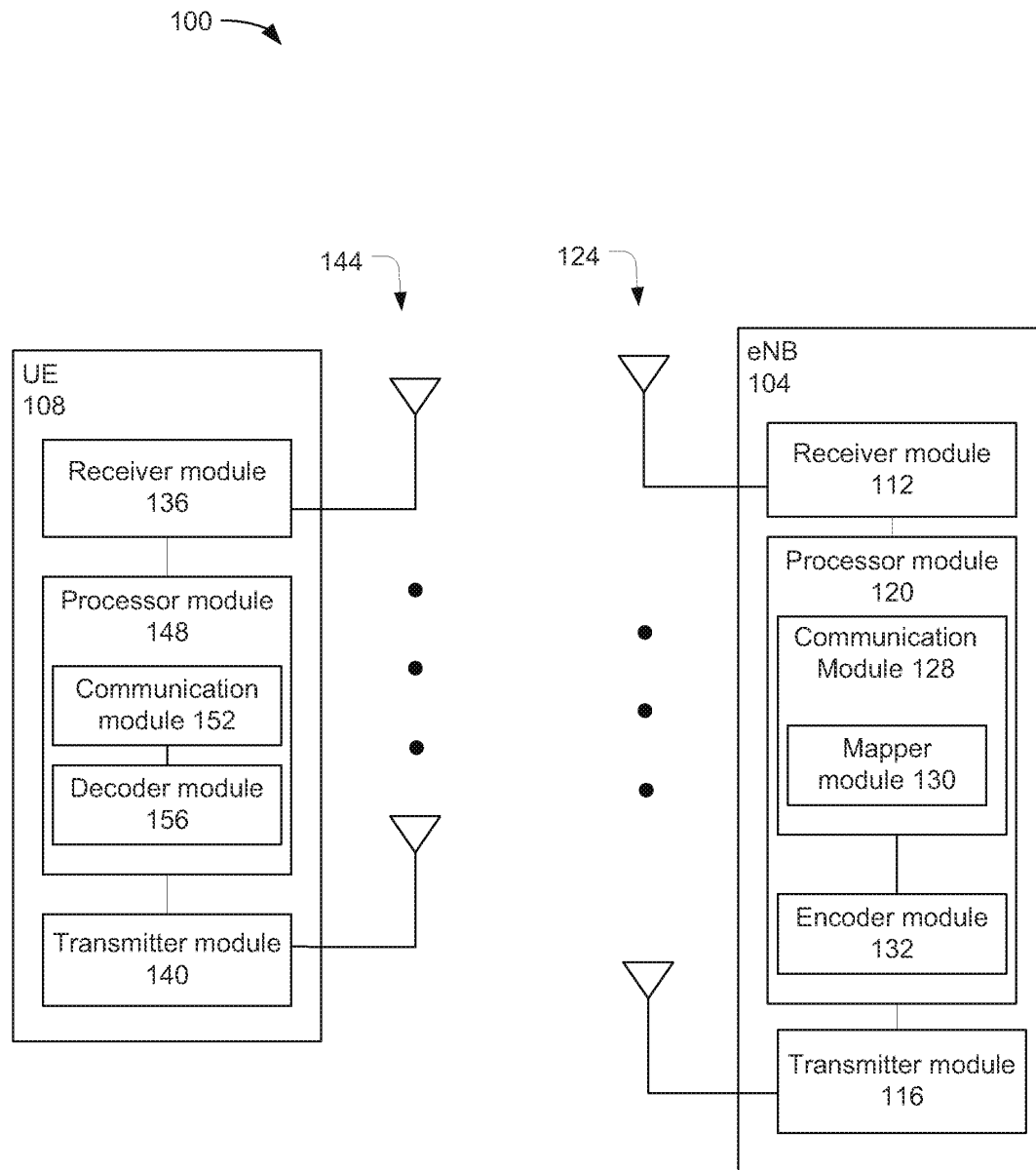
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**Title**

(EP3319347)

Small data techniques and configurations in a wireless communication network

**Images**



## Abstract

(EP3319347)

Embodiments of the present disclosure describe techniques and configurations for triggering transmission of data payloads in a wireless communication network. An apparatus may include one or more computer-readable media having instructions and one or more processors coupled with the one or more computer-readable media and configured to execute the instructions to implement an interworking function (IWF) to receive, from a Machine Type Communication (MTC) server, a trigger request to trigger sending of a data payload over a wireless communication network, the data payload being smaller than a preconfigured threshold, and send, in response to the trigger request over a reference point to a module including a Mobility Management Entity (MME) or a Serving GPRS (General Packet Radio Service) Support Node (SGSN), a trigger notification to trigger sending of the data payload over the wireless communication network.

## Inventors

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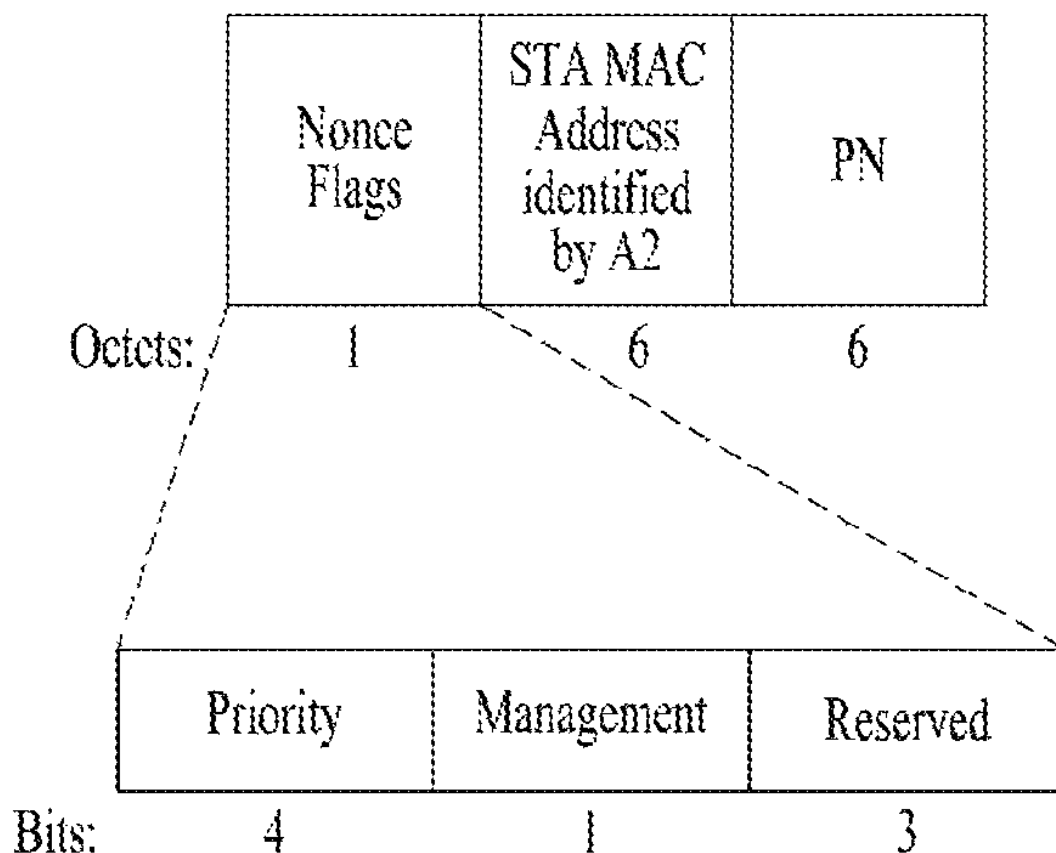
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INTEL

**Title**

(EP3096467)

Method and apparatus for transmitting and receiving frame supporting short mac header in wireless lan system

**Images****Abstract**

(EP3096467)

The present invention relates to a wireless communication system and, more particularly, to a method and an apparatus for transmitting and receiving a frame supporting a short MAC header in a wireless LAN system. A method for receiving a frame by a station (STA) in a wireless communication system in accordance with one embodiment of the present invention may comprise the steps of: receiving the frame including a sequence control (SC) field; determining a packet number (PN) using the value of the SC field and a partial PN value stored in the STA; and performing decryption for the frame using the PN. When the decryption is performed after reordering a block ACK for the frame, an operation can be performed to increase the partial PN value stored in the STA by 1 if the sequence number value of the SC field of the received frame is less than the previous sequence number value.

**Inventors**

SEOK YONGHO

**Latest standardized assignees - inventors removed**

LG ELECTRONICS

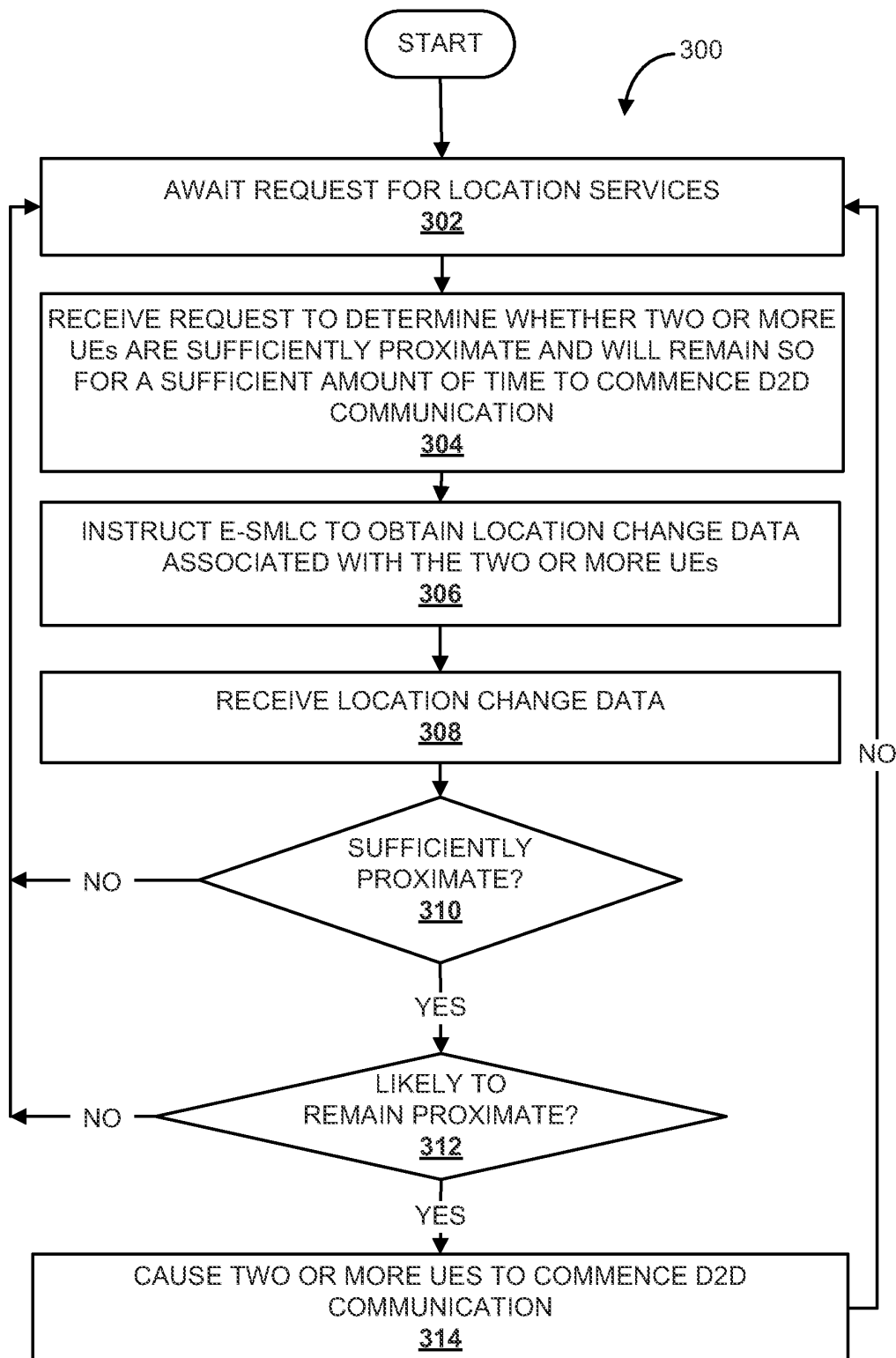
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**Title**

(EP3171528)

Systems and methods for enhanced user equipment assistance information in wireless communication systems

**Images**

**Abstract**

(EP3171528)

Systems and methods are disclosed for communicating enhanced user equipment (UE) assistance information between nodes in wireless communication systems. The UE achieves **power** savings and latency requirements more effectively by communicating its preferences, constraints and/or requirements to an evolved Node B (eNodeB) in the form of UE assistance information. The UE assistance information may include, for example, an indication of a preferred set of discontinuous reception (DRX) settings, current data traffic conditions, expected data traffic conditions, **power** or performance preferences, and/or an indication of the UE's mobility between cells.

**Inventors**

KOC ALI T

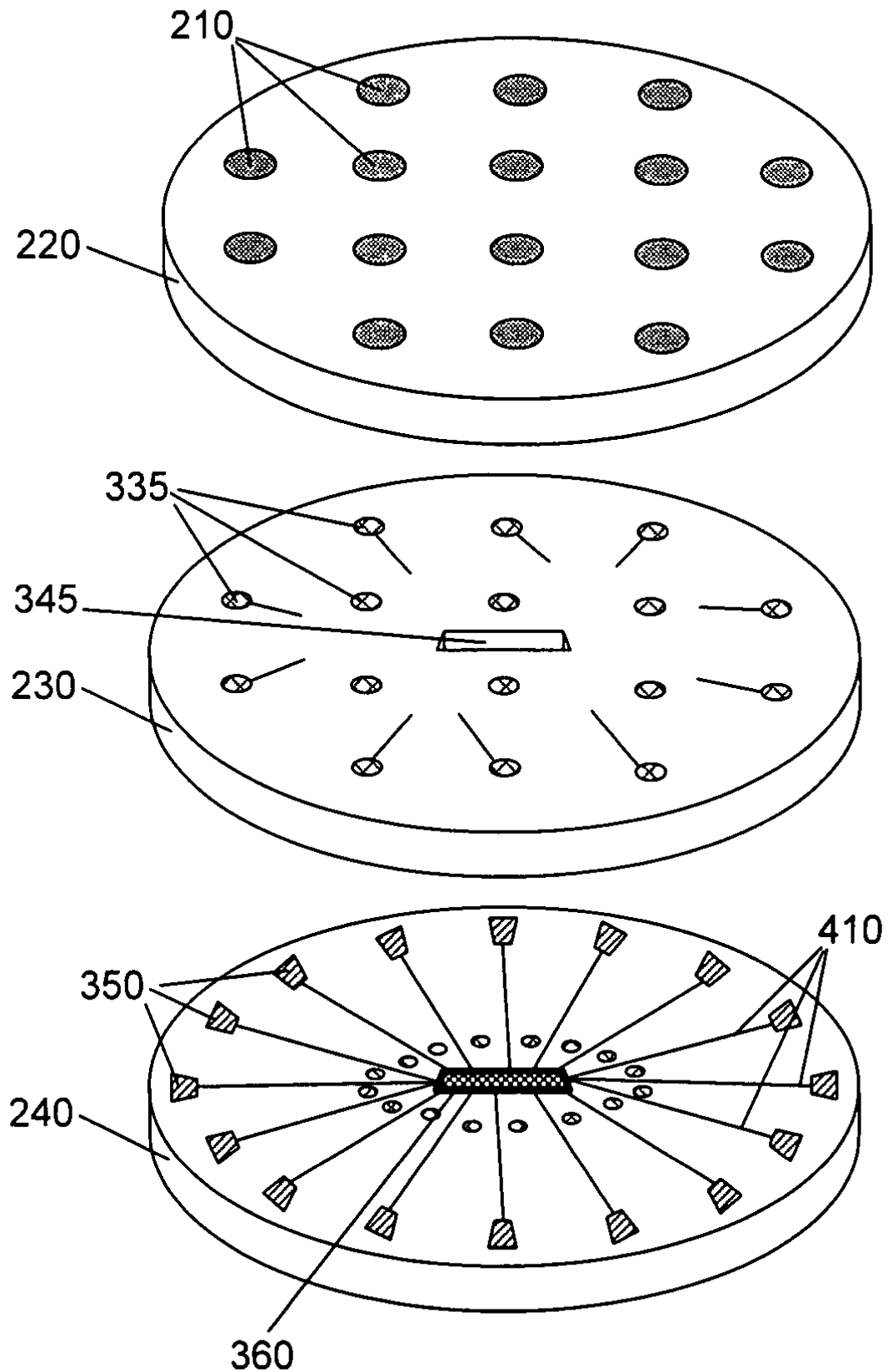


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**Title**

(EP2790452)

Techniques enabling dynamic bandwidth reservation in a wireless personal area network

**Images**

**Abstract**

(EP2790452)

An embodiment of the present invention provides a method, comprising dynamically reserving free channel time blocks for directional transmissions in a wireless personal area network (WPAN) by a transceiver communicating with a Coordinator and the Coordinator allocating a part or a whole of unreserved channel time blocks for a directional link during a handshake with the transceiver.

**Inventors**

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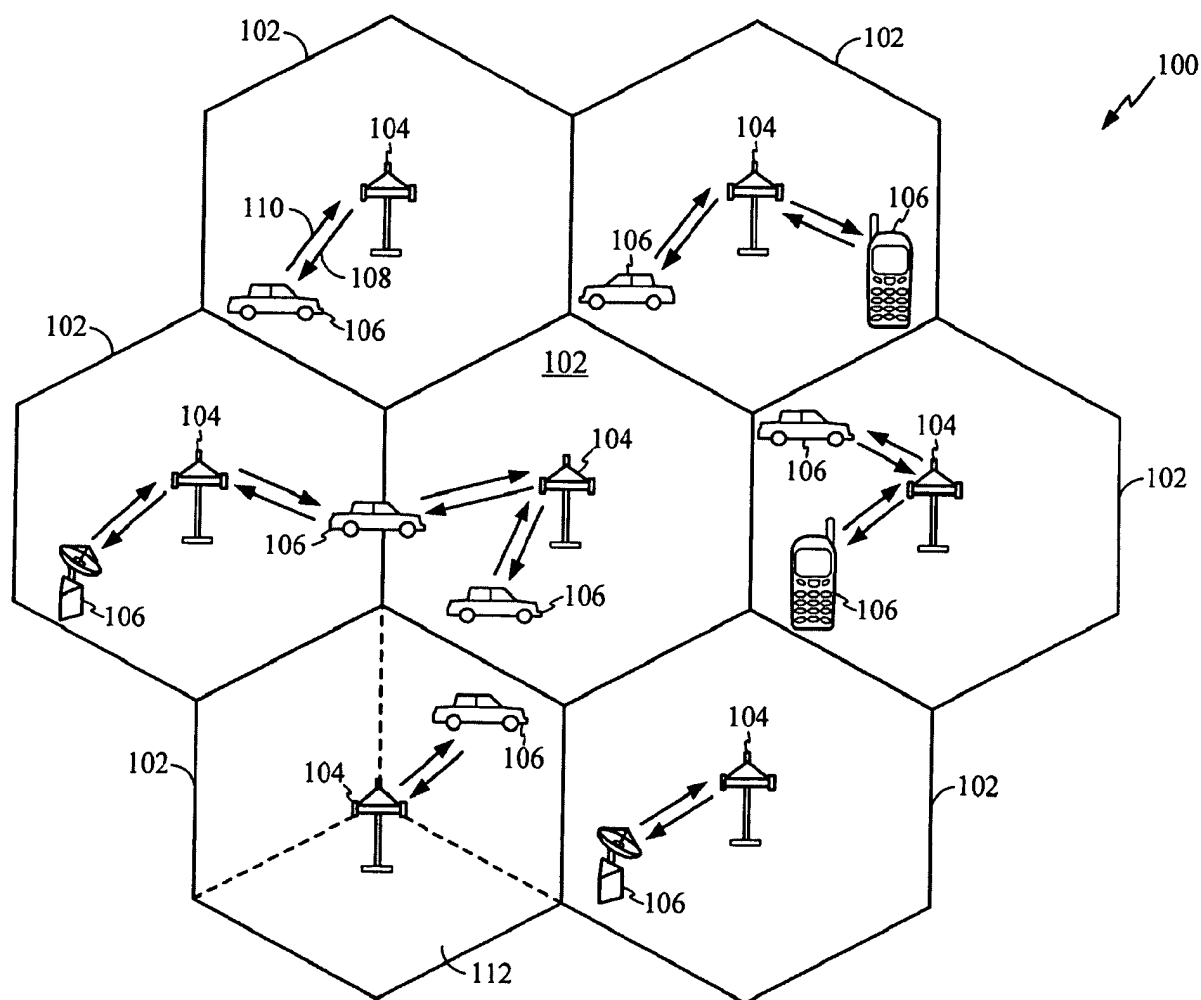
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INTEL

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**Title**

(EP2314106)

Methods and systems for **power** savings using a message indication header**Images****Abstract**

(EP2314106)

Techniques for signaling a mobile communications device in a special operating state that data bursts contain messages relevant to the special operating state. The signaling may be implemented using one or more bits in a frame control header (FCH). As a result, the mobile communication device may decode the FCH first and decode data bursts only if there is an indication the data bursts contain a relevant message. **Power** savings may be achieved at the mobile communications device by avoiding decoding data bursts with no relevant messages.

**Inventors**

PARK JONG RO

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Latest standardized assignees - inventors removed

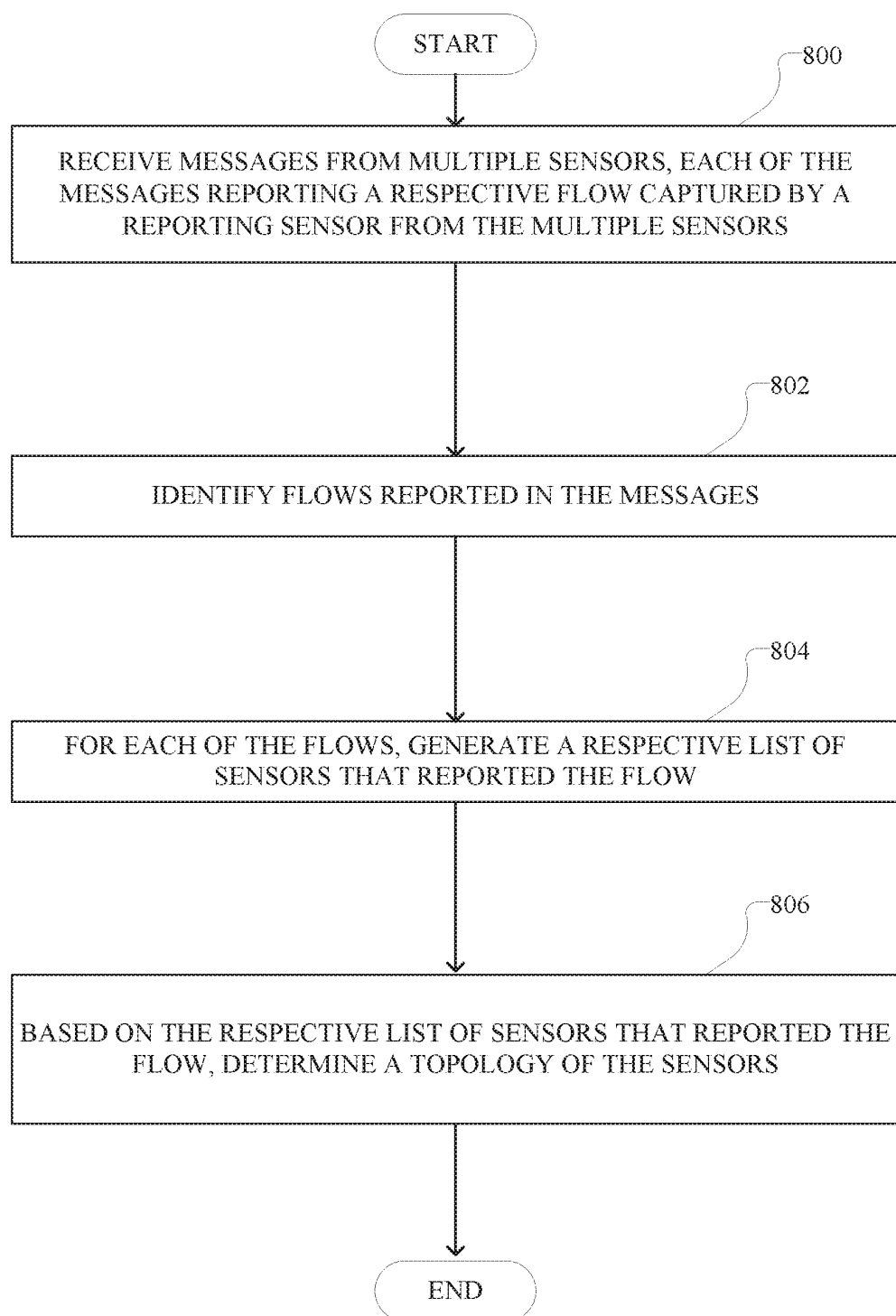
QUALCOMM

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**Title**

(EP3304858)

System for monitoring and managing datacenters

**Images**

**Abstract**

(EP3304858)

An example method includes detecting, using sensors, packets throughout a datacenter. The sensors can then send packet logs to various collectors which can then identify and summarize data flows in the datacenter. The collectors can then send flow logs to an analytics module which can identify the status of the datacenter and detect an attack.

**Inventors**

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**Latest standardized assignees - inventors removed**

CISCO TECHNOLOGY

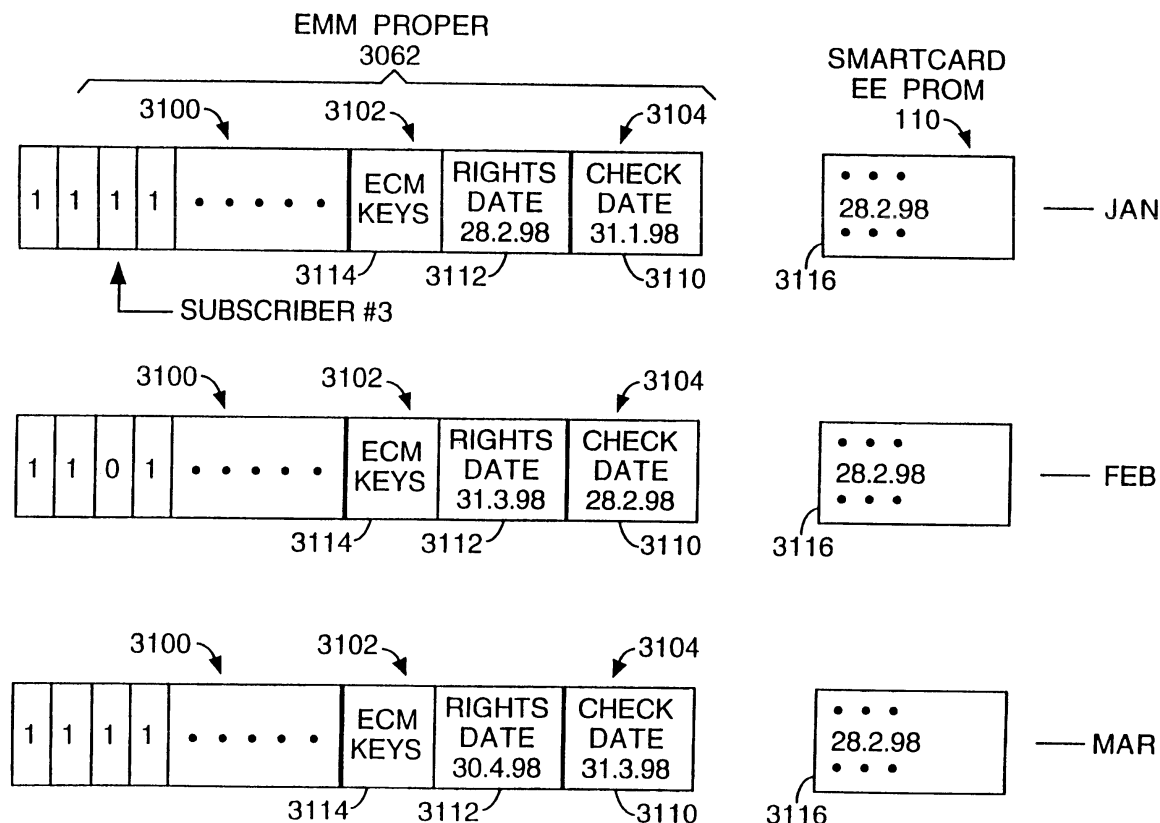
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**Title**

(EP1679894)

Broadcast and reception system, and conditional access system therefor

**Images**



### Abstract

(EP1679894)

There is disclosed a broadcast and reception system (100), comprising, at the broadcast end: a broadcast system (2008) including means for broadcasting a callback request, and at the reception end: a receiver (2020) including means for calling back the broadcast system in response to the callback request, wherein the broadcast system is arranged to validate said receiver via said callback request.

### Inventors

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### Latest standardized assignees - inventors removed

NAGRA FRANCE

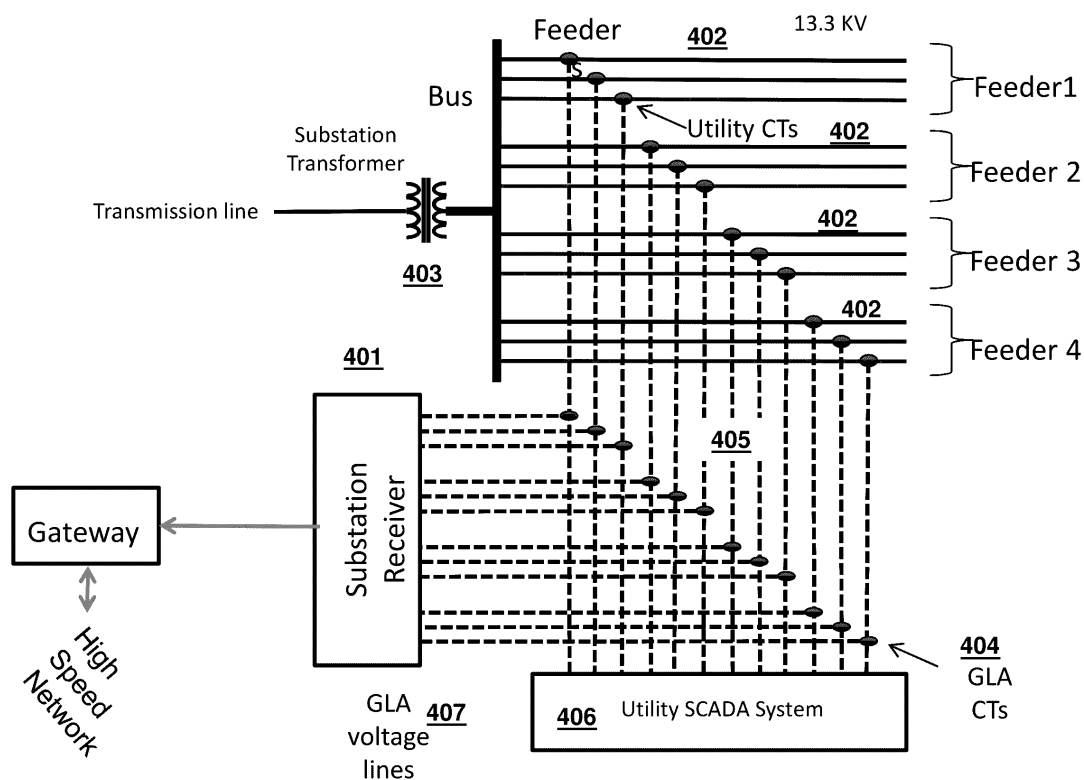
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### Title

(EP3327938)

Methods for analyzing and optimizing the performance of a data collection network of an electrical distribution grid

### Images



## Abstract

(EP3327938)

A system and methods for optimizing the performance of communication network utilizing an electrical distribution grid are disclosed. Optimization methods may include archiving historical message data and metrics from transmissions by Remote Hubs received on one or more Substation-to-Edge channels. Trends in the archived metrics over time are later analyzed to determine which combination of transmission variables such as frequency band, modulation method, drive voltage, and transmission time produce the highest message success rates overall. The results of such analysis may be used to provide feedback to the Remote Hubs or reveal necessary repairs to the network. Optimization may also be carried out locally by an individual Remote Hub by estimating the impedance of the transmission medium and adjusting either drive voltage or transmission band.

## Inventors

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## Latest standardized assignees - inventors removed

ASTROLINK INT

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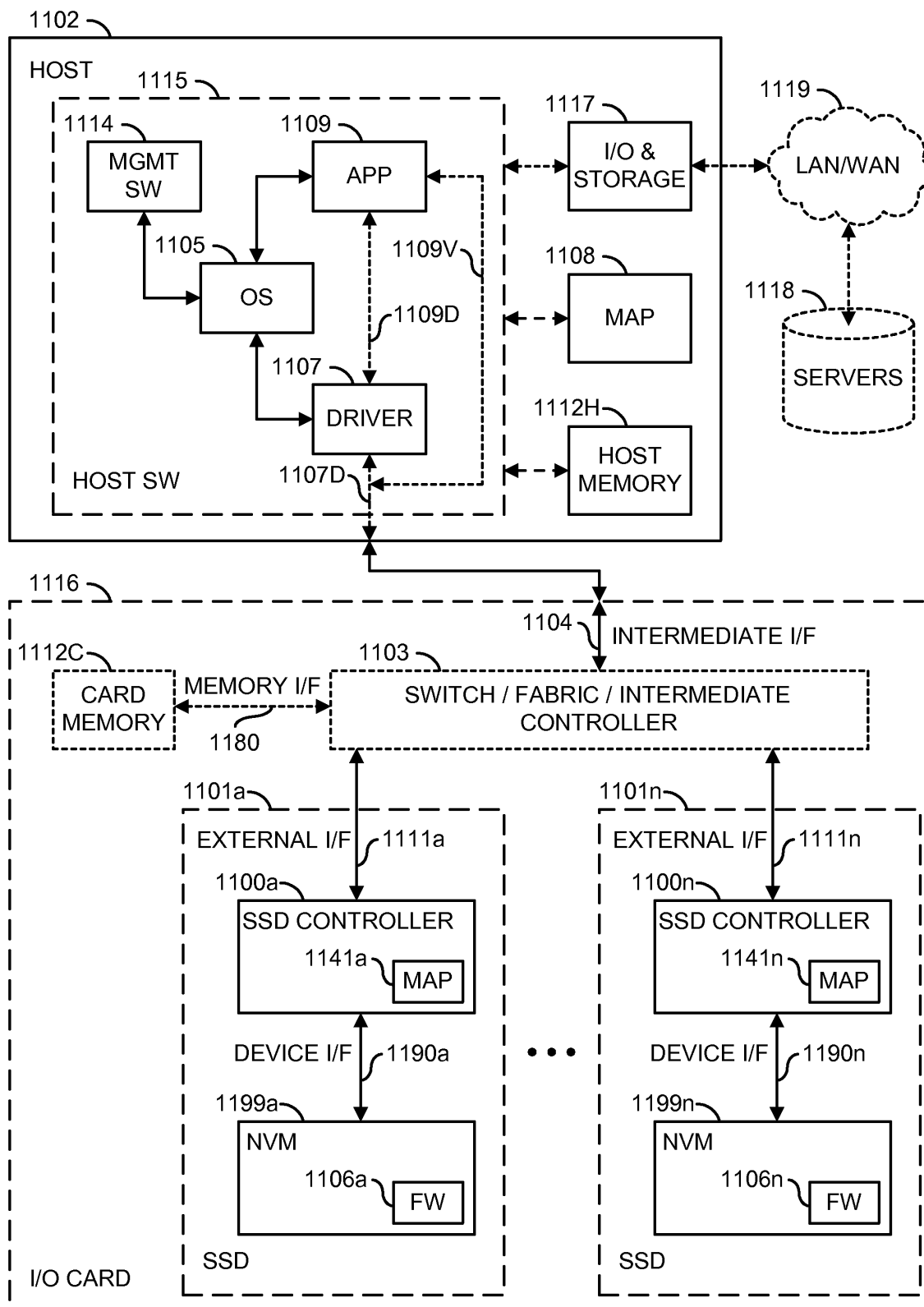
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## Title

(US9329991)

Translation layer partitioned between host and controller

## Images



## Abstract

(US9329991)

A method for using a partitioned flash transition layer is disclosed. Step (A) receives, at an apparatus from a host, a write command having first write data. Step (B) generates second write data by compressing the first write data in the apparatus. The second write data generally has a variable size. Step (C) stores the second write data at a physical location in a nonvolatile memory. The physical location is a next unwritten location. Step (D) returns, from the apparatus to the host in response to the write command, an indication of the physical location.

## Inventors

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**Latest standardized assignees - inventors removed**

AGERE SYSTEMS

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