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(54) **CONTENT BROKER ASSISTING DISTRIBUTION OF CONTENT**

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   CPC *H04L 67/10* (2013.01); *H04L 67/2809* (2013.01); *H04L 67/1097* (2013.01); *H04L 67/26* (2013.01); *H04L 67/306* (2013.01)
   USPC **709/202**; 709/217; 709/241; 705/14.53

(58) **Field of Classification Search**
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   See application file for complete search history.

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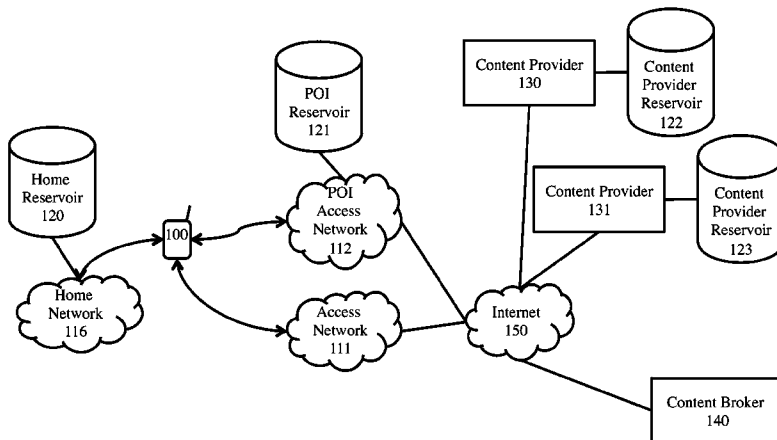|		
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(57)   **ABSTRACT**

Embodiments of methods, systems and apparatuses for a content broker assisting distribution of content, are disclosed. One method includes obtaining, by one or more content distribution servers, at least one of user device parameter information or storage element parameter information of a user device and one or more storage elements associated with the user device, and assisting, by the one or more content distribution servers, at least one content provider in preloading at least a portion of a content onto at least one of the one or more storage elements associated with the user device based on the at least one of the user device parameter information or the storage element parameter information.

29 Claims, 34 Drawing Sheets

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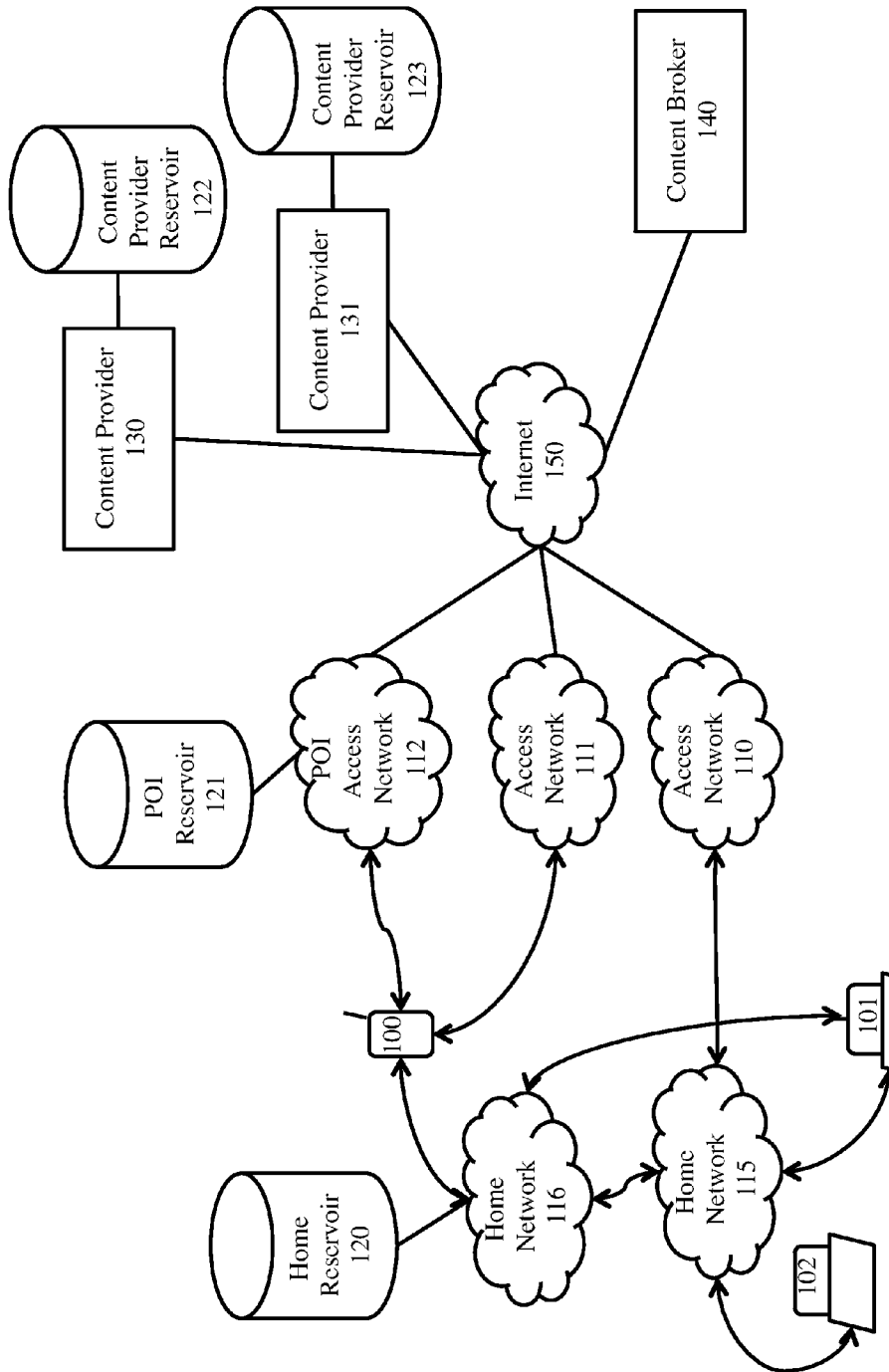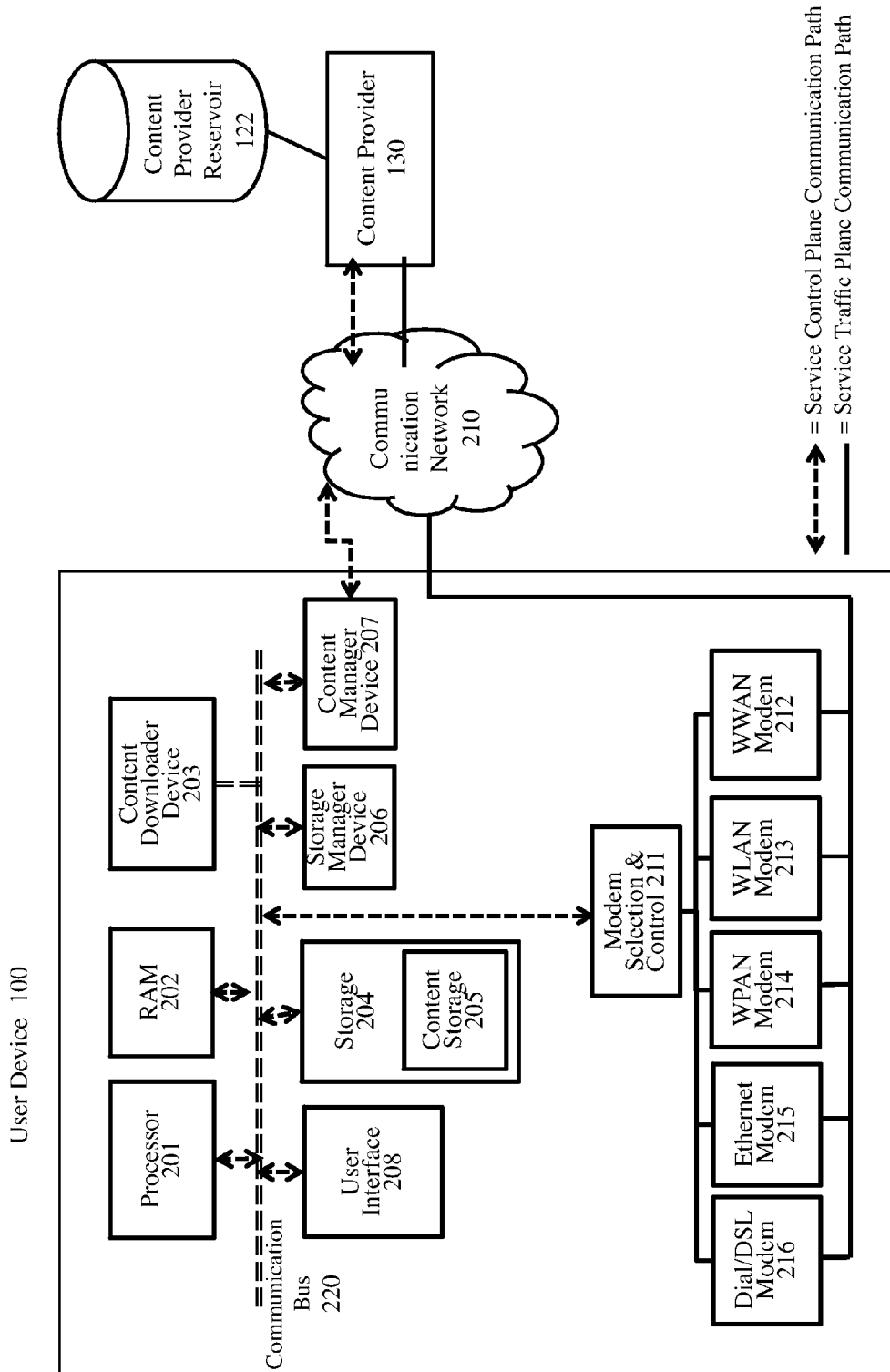
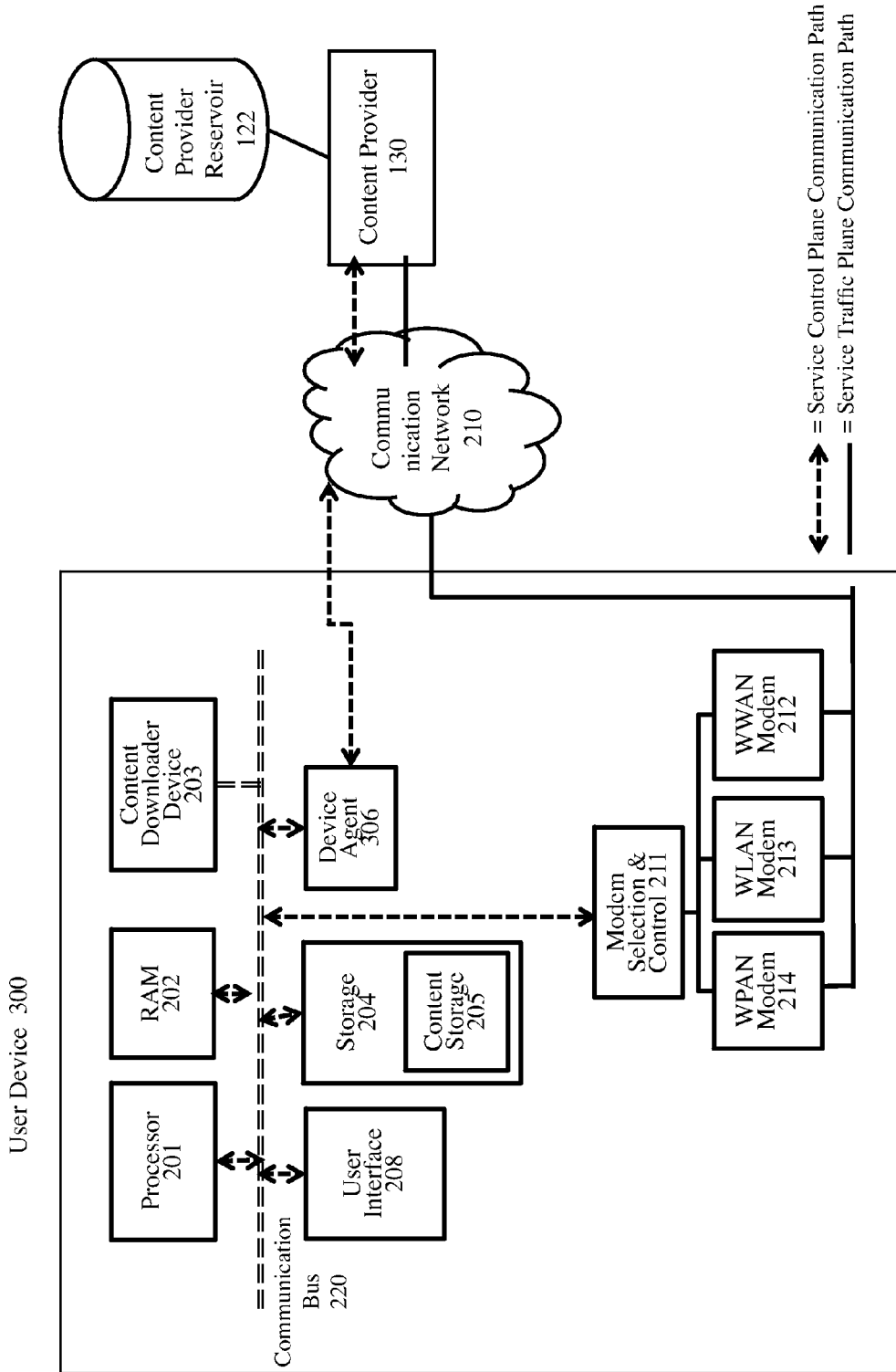* cited by examiner

FIG. 1

FIG. 2

FIG. 3

= Service Control Plane Communication Path

= Service Traffic Plane Communication Path

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