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Zhidov et al.

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(54) **TELEPHONE NETWORK SYSTEM AND METHOD**

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H04M 1/7243 (2021.01)
H04M 3/42 (2006.01)
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(52) **U.S. Cl.**
CPC **H04M 1/7243** (2021.01); **H04M 3/42042** (2013.01); **H04M 3/42263** (2013.01);
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CPC H04M 1/72547; H04M 3/42272; H04M 3/42042; H04M 3/565; H04M 2203/5054; H04M 3/436; H04L 65/1069; H04W 76/10

See application file for complete search history.

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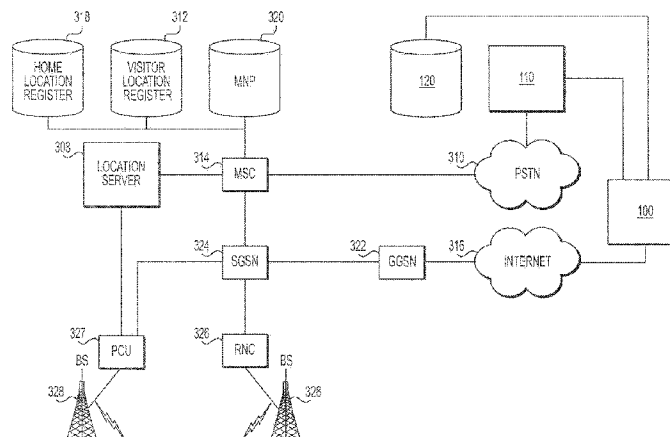
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(57) **ABSTRACT**

Systems for and methods of delivering telephone calls using the combination of a data channel and a voice channel are disclosed. A data channel connection with the telephone handset may provide pre-call information used to set up incoming and outgoing calls which are ultimately connected using a voice channel. Use of the pre-call information may permit the same handset to be associated with multiple secondary telephone numbers from which calls appear to have been made and to which calls appear to have been placed.

12 Claims, 6 Drawing Sheets



Related U.S. Application Data

division of application No. 16/444,753, filed on Jun. 18, 2019, now abandoned, which is a division of application No. 16/031,806, filed on Jul. 10, 2018, now Pat. No. 10,334,094, which is a continuation of application No. 15/582,091, filed on Apr. 28, 2017, now Pat. No. 10,051,105, which is a continuation of application No. 14/307,052, filed on Jun. 17, 2014, now Pat. No. 9,667,770, which is a continuation-in-part of application No. 13/944,853, filed on Jul. 17, 2013, now abandoned.

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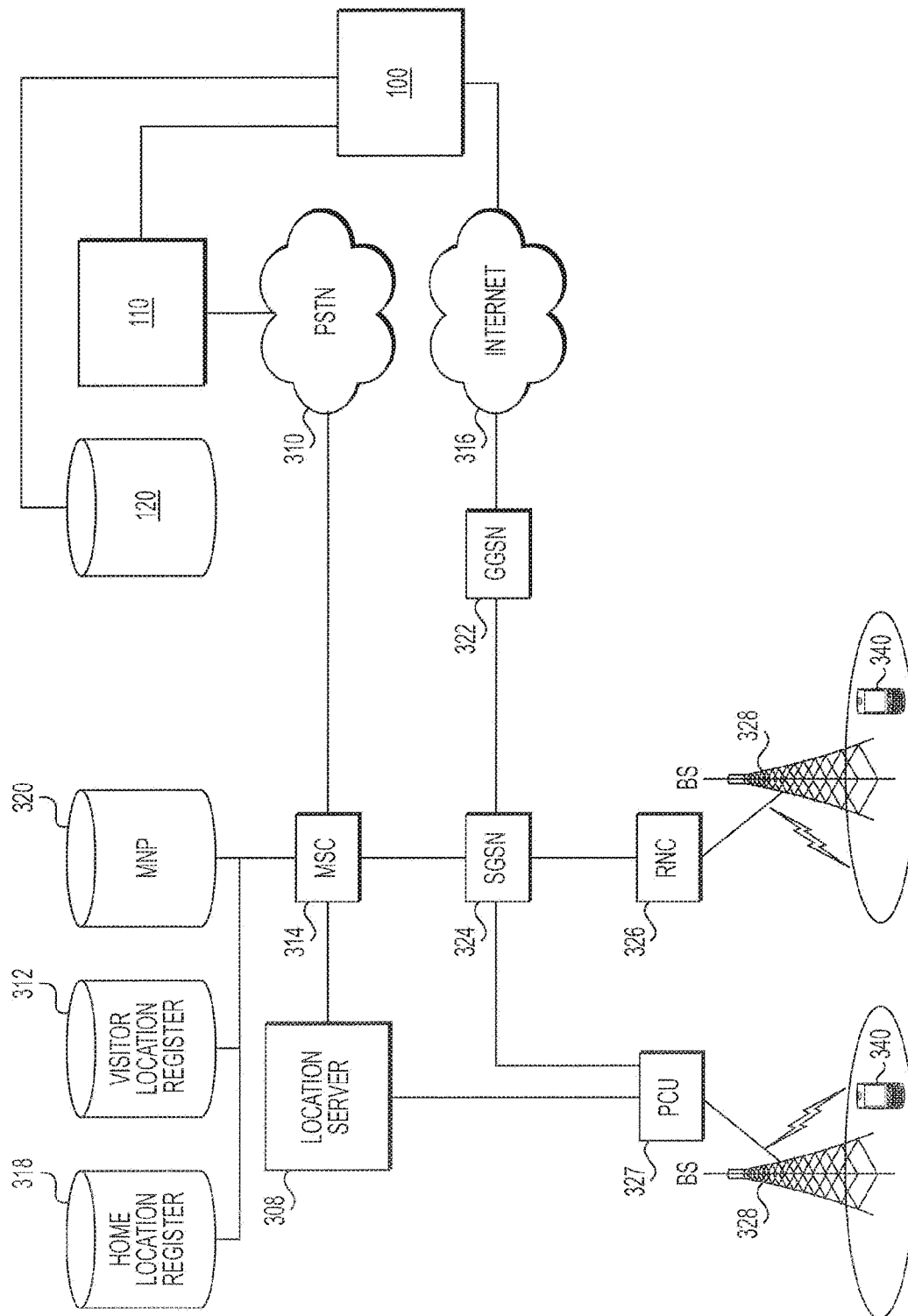
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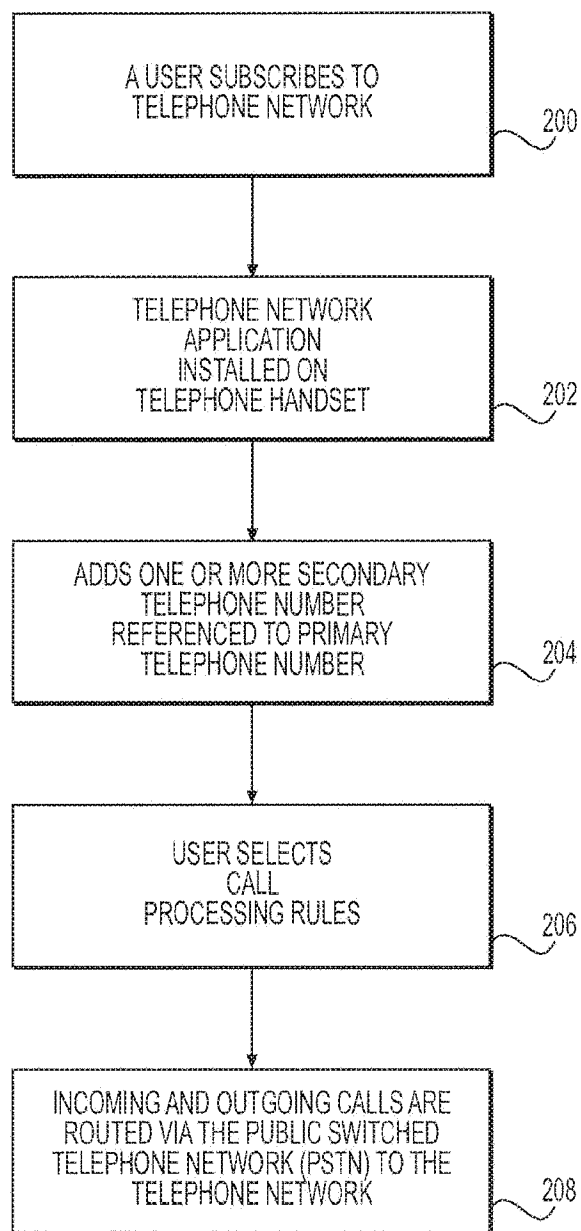
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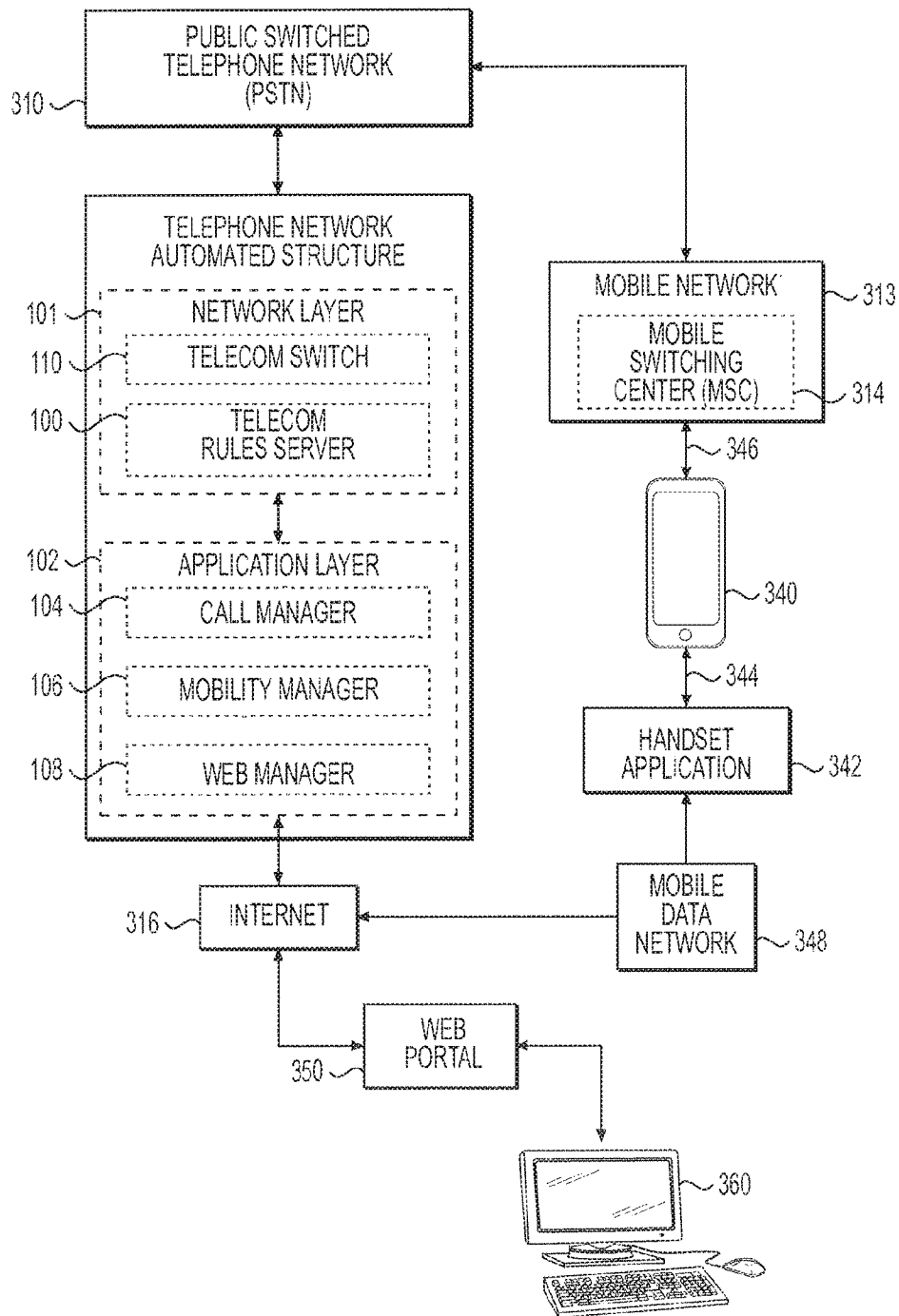
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**FIG. 1**

**FIG. 2**

**FIG. 3**



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