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Chu

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(54) **INTELLIGENT FORMATTING OF VOIP TELEPHONE NUMBERS**

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(58) **Field of Classification Search** 379/220.01, 379/219, 355.01, 355.05
See application file for complete search history.

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(57) **ABSTRACT**

A system and method are disclosed for intelligent formatting of VoIP telephone numbers. The intelligent VoIP formatting system includes a presentation and user interface layer, an E.164 formatting engine, a location routine, and a database of telephone number data which are used to deconstruct input telephone numbers and reconstruct them as E.164 compliant telephone numbers.

16 Claims, 11 Drawing Sheets

Fig. 1

Fig. 2

110

Launch Application

114

Launch Origin Setup UI

112

Set Up New Call Origin Location?

Yes

No

116

Change Call Origin Location?

Yes

No

118

Set New Call Origen Location

120

Enter Telephone Number

122

Initiate Call Session

124

E.164 Formatting

128

Try Call Again?

Yes

No

126

Call Goes Through?

No

Yes

130

Pass Information

132
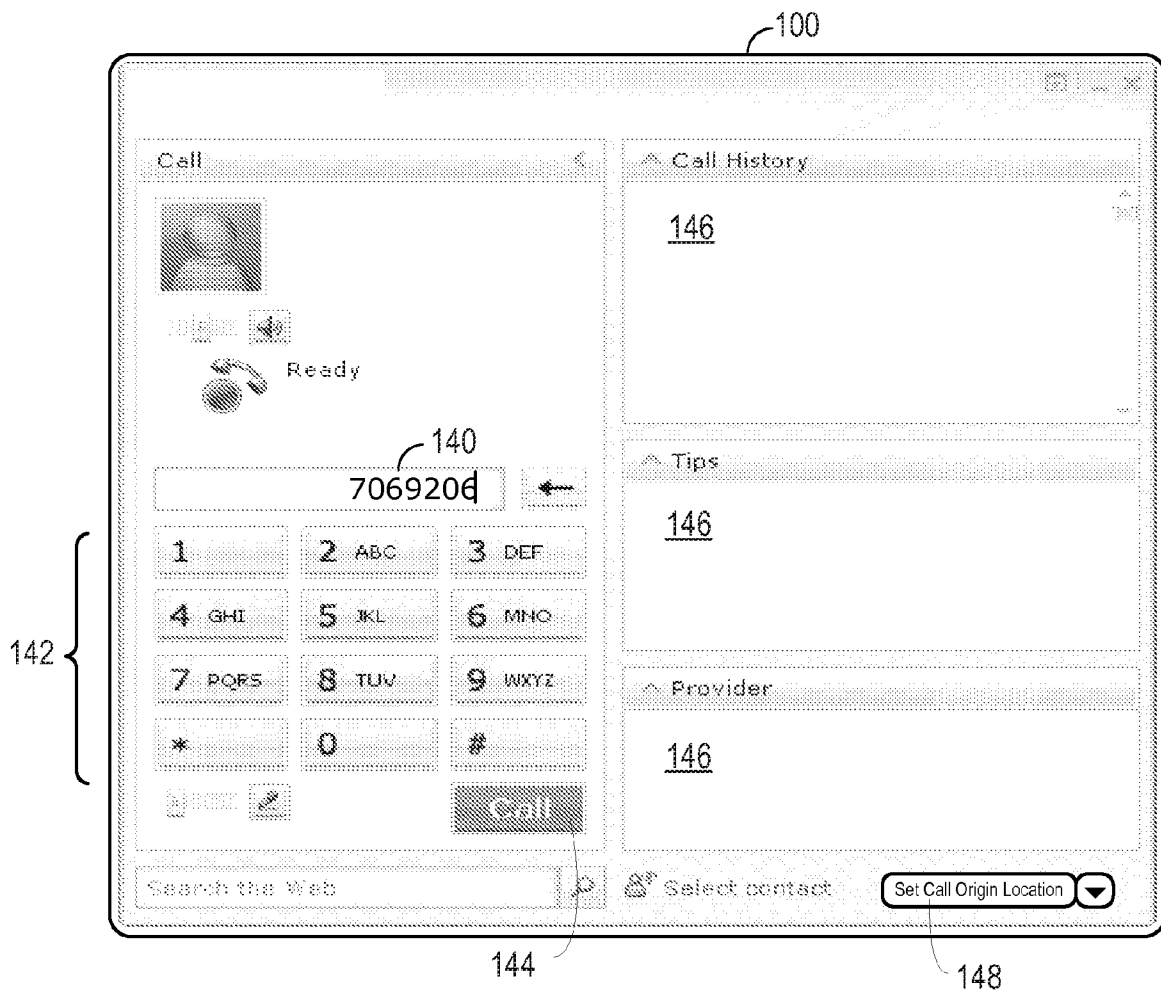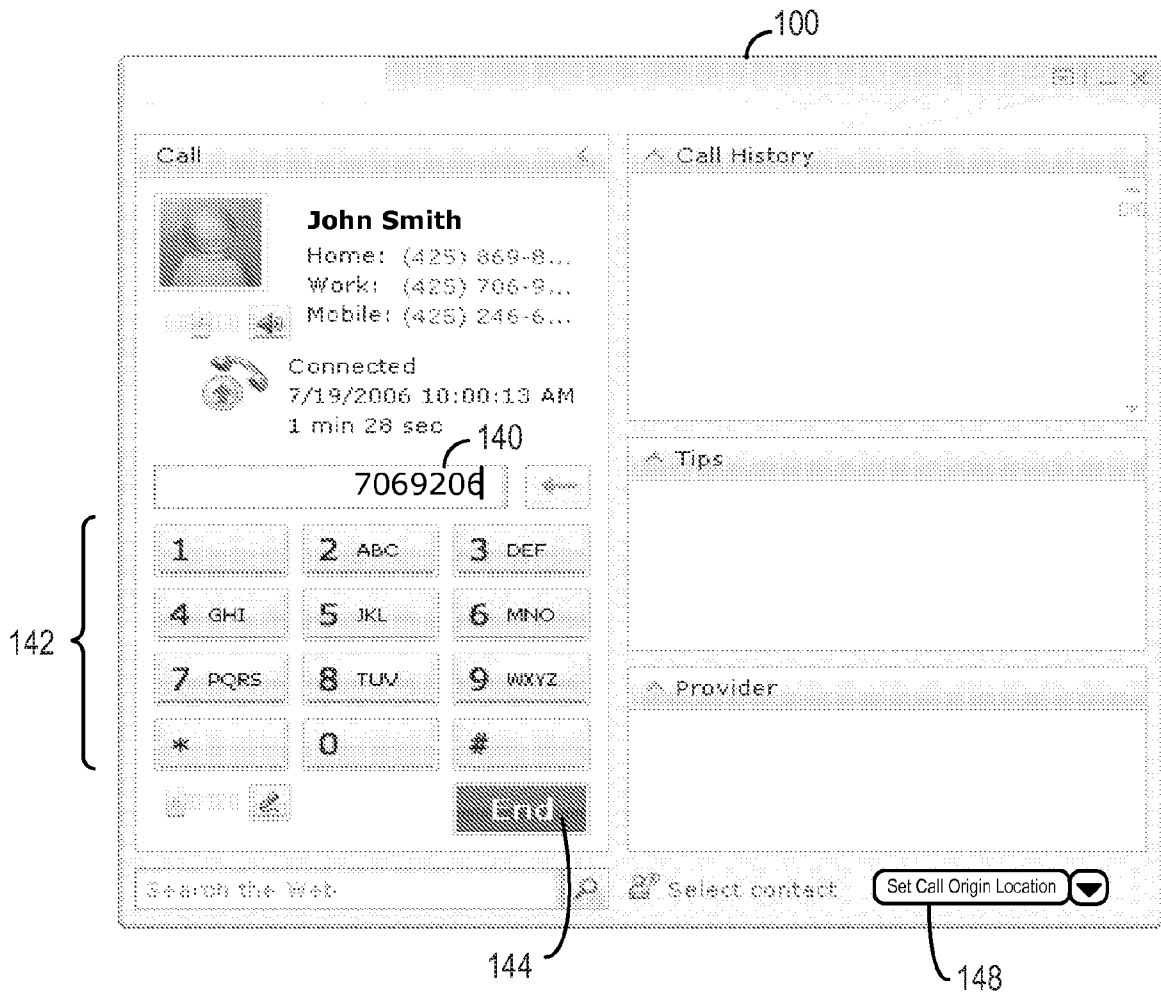
End Call Session

End
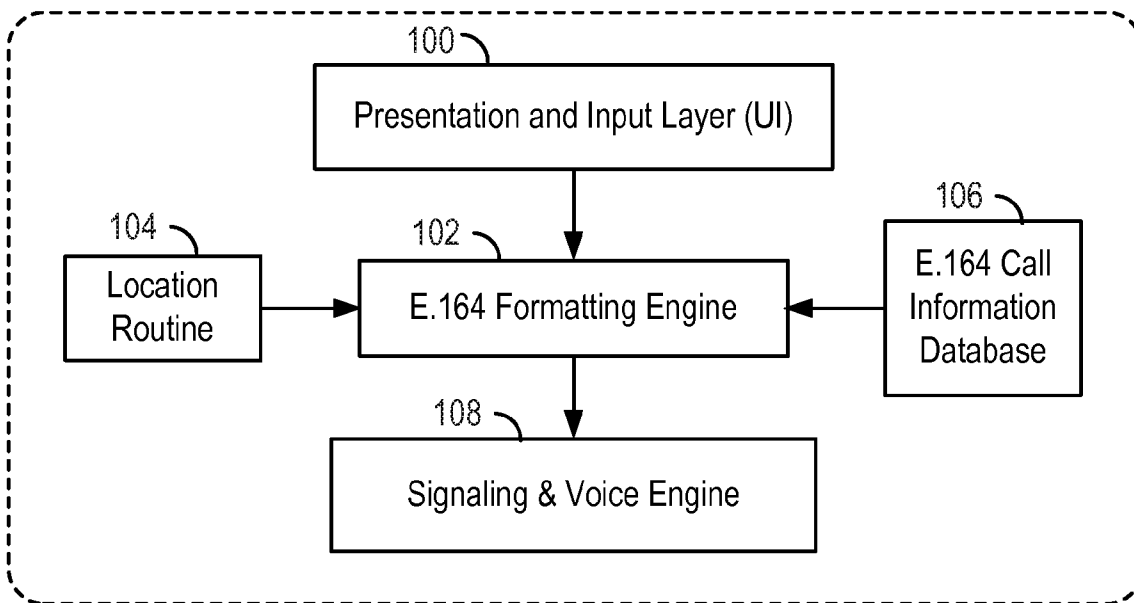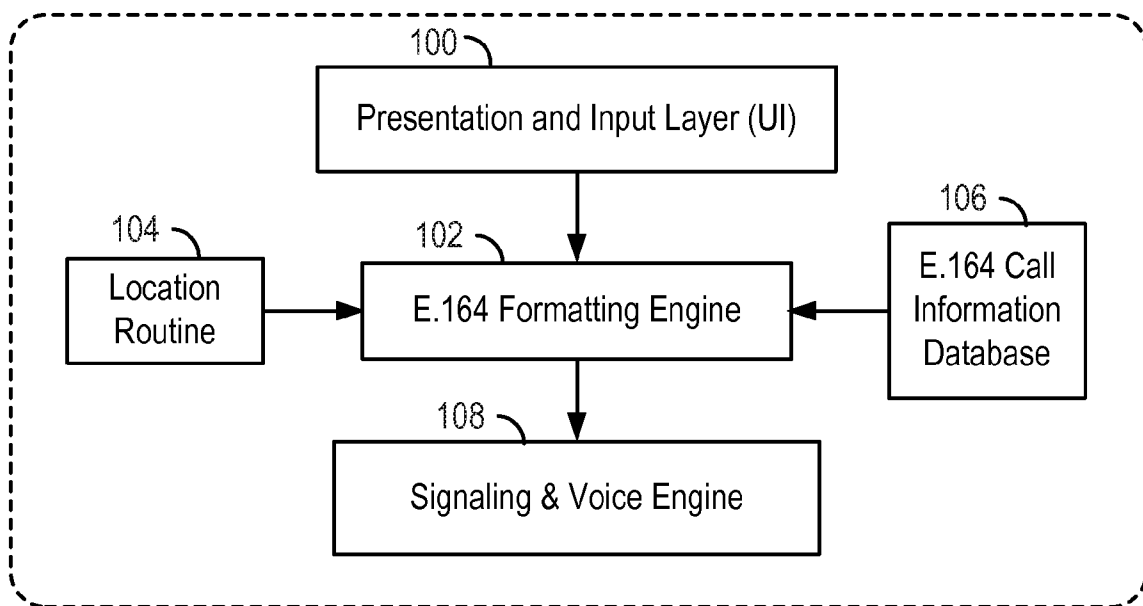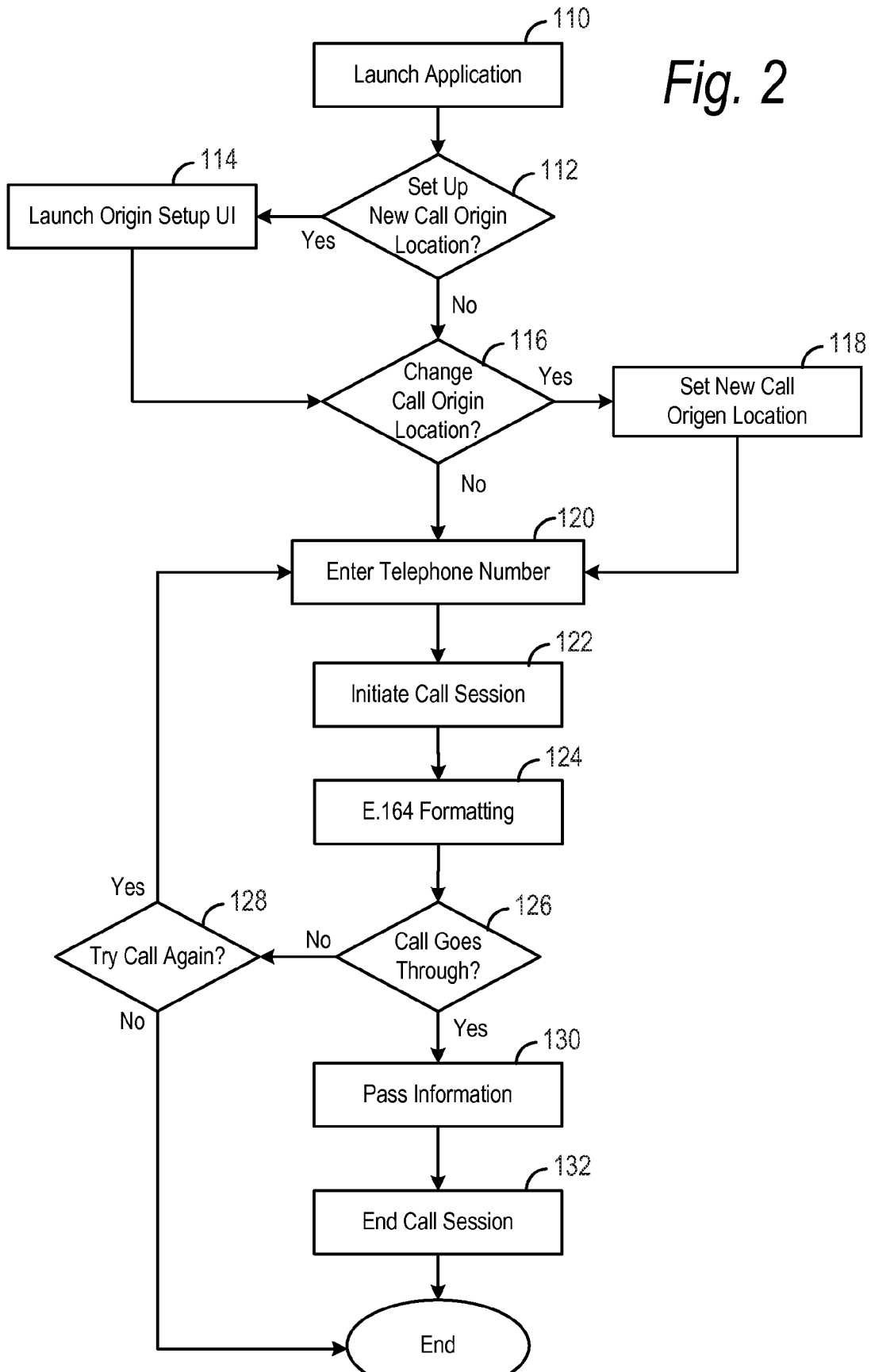
Fig. 3

Fig. 4

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