

Apple Inc., Facebook, Inc., and Whatsapp  
Inc.,  
v.  
Uniloc USA, Inc. and Uniloc Luxembourg S

IPR2017-00222  
U.S. Patent No. 8,243,723


**PETITIONER APPLE INC'S DEMONSTRATIVE  
EXHIBITS**

IPR2017-00222

# Background of USP 8,243,723

# The '723 Patent

The '723 patent claims the application of known instant VoIP messaging systems and methods.



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(12) **United States Patent** (10) **Patent No.:** **US 8,243,723 B2**  
**Rojas** (45) **Date of Patent:** **\*Aug. 14, 2012**

(54) **SYSTEM AND METHOD FOR INSTANT VOIP MESSAGING**  
 (75) **Inventor:** **Michael J. Rojas**, North Canton, OH (US)  
 (73) **Assignee:** **Ayalgic Inc**  
 (\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 693 days.  
 This patent is subject to a terminal disclaimer.

(21) **Appl. No.:** **12/398,063**  
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**Related U.S. Application Data**  
 (63) Continuation of application No. 10/740,030, filed on Dec. 18, 2003, now Pat. No. 7,535,890.

(51) **Int. Cl.** (2006.01) **H04L 12/66**  
 (52) **U.S. Cl.** (2006.01) **370/352; 709/206**  
 (58) **Field of Classification Search** ..... 370/352; 709/206  
 See application file for complete search history.

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**ABSTRACT**  
 (57) There is provided an instant voice messaging system (and method) for delivering instant messages over a packet-switched network, the system comprising: a client connected to the network, the client selecting one or more recipients, generating an instant voice message therefor, and transmitting the selected recipients and the instant voice message therefor over the network; and a server connected to the network, the server receiving the selected recipients and the instant voice message therefor, and delivering the instant voice message to the selected recipients over the network, the selected recipients being enabled to audibly play the instant voice message.

**8 Claims, 9 Drawing Sheets**

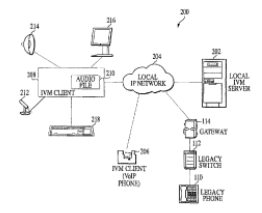
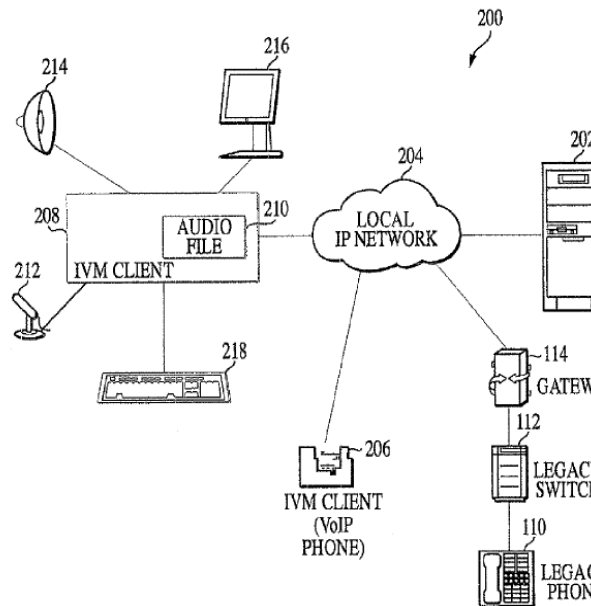



FIG. 2

## The '723 Patent – Claim 1

1. A method for instant voice messaging over a packet-switched network, the method comprising:
  - monitoring a connectivity status of nodes within the packet-switched network, said connectivity status being available and unavailable;
  - recording the connectivity status for each of the nodes;
  - associating a sub-set of the nodes with a client;
  - transmitting a signal to a client including a list of the recorded connectivity status for each of the nodes in the sub-set corresponding to the client;
  - receiving an instant voice message having one or more recipients;
  - delivering the instant voice message to the one or more recipients over a packet-switched network;
  - temporarily storing the instant voice message if a recipient is unavailable; and
  - delivering the stored instant voice message to the recipient once the recipient becomes available.



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