

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

IPR2017-00221  
U.S. Patent No. 7,535,890

**PETITIONER APPLE INC.'S DEMONSTRATIVE  
EXHIBITS**

IPR2017-00221

# Background of USP 7,535,890

# The '890 Patent

The '890 patent claims the known instant voice by combining well-known instant messaging features in a voice messaging system.



(12) **United States Patent**  
**Rojas**

(10) **Patent No.:** US 7,535,890 B2  
(45) **Date of Patent:** May 19, 2009

(54) **SYSTEM AND METHOD FOR INSTANT VOIP MESSAGING**

2007/0112925 A1\* 5/2007 Malik ..... 709/206  
2007/0174403 A1\* 7/2007 Bury ..... 709/207

(75) **Inventor:** Michael J. Rojas, North Canton, OH (US)

(73) **Assignee:** Ayalogic, Inc., Akron, OH (US)

(\* ) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 799 days.

(21) **Appl. No.:** 10/740,030

(22) **Filed:** Dec. 18, 2003

(65) **Prior Publication Data**

US 2005/0135333 A1 Jun. 23, 2005

(51) **Int. Cl.** H04L 12/06 (2006.01)

(52) **U.S. Cl.** 370/352; 709/206

(58) **Field of Classification Search** 370/354; 370/352

See application file for complete search history.

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**Primary Examiner**—Creighton Smith  
**(74) Attorney, Agent, or Firm**—Scully, Scott, Murphy & Presser, P.C.

(57) **ABSTRACT**

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.

70 Claims, 9 Drawing Sheets

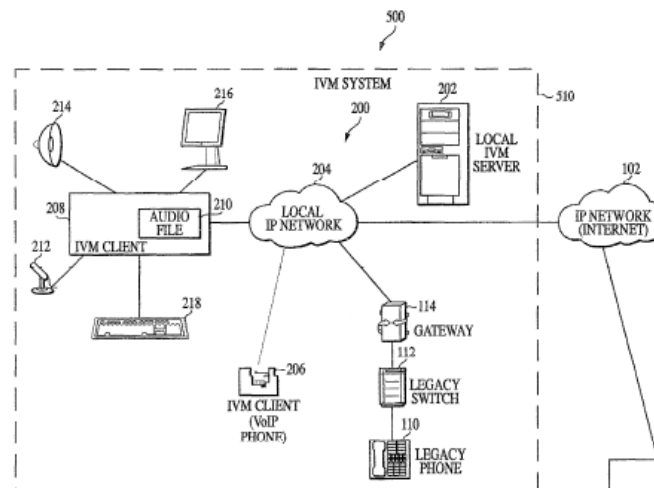
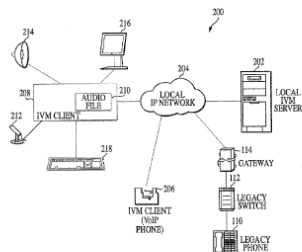


FIG. 5

('890 Patent, FIG. 5.)



0001

Apple 1001  
U.S. Pat. 7,535,890

## Instituted Grounds

Ground	Claims	Type	Primary Reference	Secondary Reference
<b>'890 Patent</b>				
5	1–3, 5, 6, 14, 15, 17, 19, 20, 28, 29, 31, 33, 34, 40, 42, 43, 51, 53, 54, 62, 64, and 65	§ 103	Malik	Väänänen
6	4, 18, 32, 41, 52, and 63	§ 103	Malik	Väänänen and Deshpande
7	6, 20, 34, 43, 54, and 65	§ 103	Malik	Väänänen and Abbur
8	68	§ 103	Malik	Väänänen and Daniell
8	68	§ 103	Malik	Väänänen, Abbur, Daniell

# PO Seeks An Overly Narrow Claim Construction

**Patent Owner's overly narrow proposed claim constructions do not comport with the claim language.**

	<i>“external network”</i>
<b>Petitioner</b> (Source: Petition, p. 9)	<b>“external network” means “a network that is outside another network.”</b>
<b>Patent Owner</b> (Source: POR, p. 8)	<b>The “local network” and “external network” are distinguishable from one another and the words “local” and “external” refer to distinct types of networks.</b>
	<i>“recipient”</i>
<b>Petitioner</b> (Source: Petitioner Reply, pp. 4-5)	<b>Plain and ordinary meaning; no explicit construction necessary. If the Board needs to construe the term, “recipient” under BRI is merely “a recipient client device.”</b>
<b>Patent Owner</b> (Source: POR, p. 11)	<b>“‘recipient’ in the context of the challenged claims refers to a specific client device.”</b>

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