



US007245612B2

(12) **United States Patent**  
**Petty et al.**

(10) **Patent No.:** **US 7,245,612 B2**  
(45) **Date of Patent:** **Jul. 17, 2007**

(54) **INTERNET CALL WAITING WITH VOICEMAIL SYSTEM THAT PROVIDES MONITORING DURING RECORDING**

(58) **Field of Classification Search** ..... None  
See application file for complete search history.

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1015 days.

(Continued)

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(21) Appl. No.: **10/240,212**

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(22) PCT Filed: **Mar. 21, 2001**

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(86) PCT No.: **PCT/CA01/00370**

§ 371 (c)(1),  
(2), (4) Date: **Sep. 30, 2002**

(57) **ABSTRACT**

(87) PCT Pub. No.: **WO01/76210**

An Internet Call Waiting (ICW) service provides single-line subscribers (100) connected to the Internet with incoming call information, call screening and voice messaging capabilities. An incoming call is terminated at an ICW server (154). The caller is prompted to leave a voice message and the voice message is relayed in real-time over the Internet connection (138) to permit the subscriber to monitor the message. The subscriber can choose to answer the call at any time before the caller disconnects. Subscriber profile options specify how calls are treated. Calls may be forwarded to a second directory number, directed to a Voice-over-IP (VoIP) connection, or the Internet connection may be dropped and the call completed to the subscriber's directory number. The subscriber benefits from being able to screen voice messages in real-time, which assists the subscriber in determining how the call should be terminated.

PCT Pub. Date: **Oct. 11, 2001**

(65) **Prior Publication Data**

US 2003/0108172 A1 Jun. 12, 2003

(51) **Int. Cl.**

<b>H04L 12/66</b>	(2006.01)
<b>H04L 12/56</b>	(2006.01)
<b>H04M 1/64</b>	(2006.01)
<b>H04M 11/00</b>	(2006.01)
<b>H04M 1/56</b>	(2006.01)
<b>H04M 3/42</b>	(2006.01)

(52) **U.S. Cl.** ..... **370/356; 370/392; 379/88.17; 379/88.18; 379/88.21; 379/93.35; 379/142.08; 379/201.07; 379/201.08; 379/215.01**

**23 Claims, 6 Drawing Sheets**

