

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.  
Petitioner

v.

UNILOC LUXEMBOURG S.A.  
Patent Owner

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Case IPR2017-00222  
Patent 8,243,723

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**DECLARATION OF LEONARD J. FORYS, PH.D.**

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U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**I. Introduction**

I, Dr. Leonard J. Forys, declare as follows:

1. I have been retained as an expert witness by Sterne, Kessler, Goldstein & Fox PLLC to provide testimony on behalf of Apple Inc. (“Apple” or “Petitioner”) for the above-captioned *inter partes* review proceeding. This Declaration concerns technical subject matter relevant to the *inter partes* review petition (“Petition”) concerning U.S. Patent No. 8,243,723 (“the ’723 Patent”) titled “System and method for instant VoIP messaging” by Michael J. Rojas. It is my understanding that ’723 Patent is currently assigned to Uniloc Luxembourg S.A.

2. I am over 18 years of age. I have personal knowledge of the facts stated in this Declaration and would testify competently to them if asked to do so.

3. I have reviewed and am familiar with the specification, claims, and prosecution history of the ’723 Patent. I will cite to the specification using the following format: (’723 Patent, 1:1-10). This example citation points to the ’723 patent specification at column 1, lines 1-10.

4. I have reviewed and am familiar with the following documents and materials:

<b>Exhibit</b>	<b>Description</b>
<b>1001</b>	Rojas, U.S. Patent No. 8,243,723 (earliest priority date December 18, 2003; filed March 4, 2009; issued August 14, 2012).
<b>1002</b>	File History for U.S. Patent No. 8,243,723.
<b>1005</b>	Vuori, U.S. Patent Application Publication No. 2002/0146097 (filed July 23, 2001, published October 10, 2002).
<b>1006</b>	SMSS, Universal Mobile Telecommunications System (UTMS); Technical realization of the Short Message Service (SMS) (3G TS 23.040 version 3.5.0 Release 1999) (published on August 16, 2000).
<b>1007</b>	Holtzberg, U.S. Patent No. 6,625,261 (filed December 20, 2000, issued September 23, 2003).
<b>1008</b>	Väänänen, U.S. Patent No. 7,218,919 (filed August 8, 2001, issued May 15, 2007).
<b>1009</b>	Dahod et al., U.S. Patent Application Publication No. 2004/0022208 (filed on August 1, 2002, published February 5, 2004).
<b>1010</b>	Hogan et al., U.S. Patent No. 5,619,554 (filed June 8, 1994, issued April 8, 1997).
<b>1011</b>	Logan et al., U.S. Patent No. 5,732,216 (filed October 2, 1996, issued March 24, 1998).
<b>1012</b>	Peersman et al., The Global System for Mobile Communications Short Message Service, IEEE Personal Communications (June 2000).
<b>1013</b>	SMS Forum, SMPP v3.4 Protocol Implementation guide for GSM / UMTS, Version 1.0 (May 30, 2002).
<b>1014</b>	Clarke et al., Experiments with packet switching of voice traffic, IEE Proceedings G - Electronic Circuits and Systems, Vol.130, Pt. G, No. 4, pp. 105-13 (August 1983).

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