UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC., Petitioner

v.

IMMERSION CORPORATION, Patent Owner

U.S. Patent No. 8,659,571 Filing Date: February 21, 2013 Issue Date: February 25, 2014

Title: Interactivity Model for Shared Feedback on Mobile Devices

Inter Partes Review No.: (Unassigned)

DECLARATION OF DR. V. MICHAEL BOVE IN SUPPORT OF APPLE INC.'S PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,659,571



I, Dr. V. Michael Bove, Jr., do hereby declare and state, that all statements made

herein of my own knowledge are true, and that all statements made on information

and belief are believed to be true; and further that these statements were made with

the knowledge that willful false statements and the like so made are punishable by

fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code.

Dated: Feb. _12___, 2017

Dr. V. Michael Bove, Jr.

V. Michael Bore, /.

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EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 8,659,571.
1002	Declaration of expert Dr. V. Michael Bove Jr. ("Bove Decl.").
1003	File history of U.S. Patent No. 8,659,571.
1004	U.S. Patent No. 5,734,373 to Rosenberg et al. ("Rosenberg '373").
1005	Reserved.
1006	U.S. Patent No. 6,429,846 to Rosenberg et al. ("Rosenberg '846").
1007	File history of U.S. Patent App. No. 13/472,698 (the "'698 application").
1008	Excerpts from Barron's Dictionary of Mathematics Terms, 3 rd ed. (2009).
1009	Excerpts from The American Heritage Dictionary of the English Language, 5 th ed. (2011).
1010	Reserved.
1011	Reserved.
1012	Reserved.
1013	U.S. Patent No. 7,952,566 to Poupyrev et al. ("Poupyrev").
1014	U.S. Patent No. 6,281,651 to Hanpaa et al.
1015	Canadian Pat. App. 2,059,893 to Tecot ("Tecot").
1016	Excerpt from Canadian Patent Office Record (Vol. 127, No. 18, May 1999).



1017	A FORCE FEEDBACK PROGRAMMING PRIMER, Louis Rosenberg (1997).
1018	"Synaptics TouchPad Interfacing Guide" (Document No. 510-
	000080-A; Rev. 2.5) ("Synaptics")
1019	Internet Archive Affidavit for Synaptics Web Page
	http://www.synaptics.com/support/dev_support.cfm



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