UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC., HTC CORPORATION, and HTC AMERICA, INC. Petitioners,

v.

PARTHENON UNIFIED MEMORY ARCHITECTURE LLC, Patent Owner

> Case IPR2016-00923¹ U.S. Patent 5,812,789

PATENT OWNER'S NOTICE OF APPEAL 35 U.S. § 142 & 37 C.F.R. § 90.2

¹Case IPR2016-00847 has been joined with this proceeding.

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Pursuant to 37 C.F. R. § 90.2(a), Patent Owner, PARTHENON UNIFIED MEMORY ARCHITECTURE LLC, hereby provides notice of its appeal to the United States Court of Appeals for the Federal Circuit for review of the Final Written Decision of the United States Patent and Trademark Office ("USPTO") Patent Trial and Appeals Board ("PTAB") in Inter Partes Review 2016-00923, concerning U.S. Patent 5,812,789 ("the '789 patent"), entered on August 4, 2017, attached hereto as Appendix A.

ISSUES TO BE ADDRESSED ON APPEAL

- A. Whether the PTAB erred in finding that claims 1, 3, 5, 11, and 13 of the '789 patent are unpatentable as anticipated by Lambrecht under §102(e)?
- B. Whether the PTAB erred in picking, choosing, and combining various disclosures of Lambrecht that are not directly related to each other to support its anticipation finding?
- C. Whether the PTAB erred in concluding that claims 4 and 6 of the '789 patent would have been obvious under 35 U.S.C. § 103(a)?
- D. Whether the PTAB in its final written decision improperly relied upon arguments that were raised for the first time at the oral argument and/or in the Petitioner's reply?

Simultaneous with submission of this Notice of Appeal to the Director of the United States Patent and Trademark Office, this Notice of Appeal is being filed with the Patent Trial and Appeal Board. In addition, this Notice of Appeal, along with the required docketing fees, is being filed with the United States Court of Appeals for the Federal Circuit.

Respectfully submitted,

Dated: September 28, 2017

<u>/s/ Gregory J. Gonsalves</u> Dr. Gregory Gonsalves Reg. No. 43,639 2216 Beacon Lane Falls Church, Virginia 22043 (571) 419-7252 gonsalves@gonsalveslawfirm.com

Masood Anjom Reg. No. 62,167 AHMAD, ZAVITSANOS, ANAIPAKOS, ALAVI &MENSING, P.C. 1221 McKinney Street, Suite 2500 Houston, TX 77010 Telephone: 713-655-1101 manjom@azalaw.com

CERTIFICATE OF SERVICE

The undersigned certifies that in addition to being filed electronically through the Patent Trial and Appeal Board's Patent Review Processing System the foregoing PATENT OWNER'S NOTICE OF APPEAL was served on the Director of the United States Patent and Trademark Office, at the following address (in accordance with 37 C.F.R. §§ 90.2(a), 104.2):

Director of the United States Patent and Trademark Office

c/o Office of the General Counsel

United States Patent and Trademark Office

P.O. Box 1450 Alexandria, Virginia 22313-1450

CERTIFICATE OF FILING

The undersigned certifies that on September 28, 2017, a true and correct copy of the foregoing PATENT OWNER'S NOTICE OF APPEAL was filed electronically with the Clerk's Office of the United States Court of Appeals for the Federal Circuit at the following address:

Clerk of Court

United States Court of Appeals for the Federal Circuit

717 Madison Place NW

Washington, DC 20005

CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing PATENT OWNER'S NOTICE OF APPEAL was served on September 28, 2017, by filing this document though the PTAB's E2E system as well as by delivering a copy via electronic mail to the attorneys of record for the Petitioners as follows:

Lead Counsel for Apple, Inc.	Back-up Counsel for Apple, Inc.
Andrew S. Ehmke	David W. O'Brien
HAYNES AND BOONE, LLP	Michael S. Parsons
2323 Victory Avenue, Suite 700	HAYNES AND BOONE, LLP
Dallas, TX 75219	2323 Victory Avenue, Suite 700
Email:	Dallas, TX 75219
andy.ehmke.ipr@haynesboone.com	Email:
	david.obrien.ipr@haynesboone.com
	michael.parsons.ipr@haynesboone.com
	David L. Alberti
	Feinberg Day Alberti & Thompson
	LLP
	1600 El Camino Real, Suite 280
	Menlo Park, CA 94025
	Email: dalberti@feinday.com
Lead Counsel for HTC Corporation	Back-up Counsel for HTC Corporation
Joseph A. Micallef	Samuel A. Dillon
Sidley Austin LLP	Sidley Austin LLP
1501 K Street, N.W.	1501 K Street, N.W.
Washington, DC 20005	Washington, DC 20005
Tel: (202) 736-8492	Email: samuel.dillon@sidley.com
Email: jmicallef@sidley.com	
	Curt Holbreich
	Sidley Austin LLP
	555 California Street, Suite 2000
	San Francisco, CA 94104
	Email: cholbreich@sidley.com

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