Filed on behalf of: LG Electronics, Inc. and

LG Electronics U.S.A., Inc.

Paper \_\_\_\_

Date filed: July 15, 2016

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## UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

LG ELECTRONICS, INC., and LG ELECTRONICS U.S.A., INC., Petitioner

v.

TOSHIBA SAMSUNG STORAGE TECHNOLOGY KOREA CORPORATION, Patent Owner

Case IPR2015-01653 Patent RE43,106

PETITIONER EXHIBIT LIST (as of July 15, 2016)

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Patent Trial and Appeal Board
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313–1450

Pursuant to 37 C.F.R. § 42.63(e), Petitioners LG Electronics, Inc, and LG Electronics U.S.A., Inc. ("Petitioner") hereby furnishes below a current listing of Petitioner's Exhibits to the Board and counsel for Patent Owner Toshiba Samsung Storage Technology Korea Corporation ("Patent Owner"). Petitioner hereby certifies that copies of the exhibits listed below have been served on counsel for Patent Owner.

## **EXHIBIT LIST**

Ex.	Reference
1001	U.S. Patent No. RE43,106 to Yoo et al. (filed Sept. 4, 2007) (issued on Jan. 7, 2012) (the "'106 patent").
1002	U.S. Patent No. 5,696,750 to Katayama (filed Jun. 5, 1996) (issued Dec. 9, 1997) ("Katayama").
1003	"Optical Pick-Up for DVD," by Shinoda et al., <i>IEEE Transactions on Consumer Electronics</i> , Vol. 42, No. 3 (August 1996) ("Shinoda").
1004	"Impact of Diffractive Optics on the Design of Optical Pick Up," by Lehureau, <i>Proc. SPIE 2783, Micro-Optical Technologies for Measurement, Sensors, and Microsystems</i> , 22-29 (August 26, 1996) ("Lehureau").
1005	"Dual Focus Optical Head for 0.6mm and 1.2mm Disks," by Komma et al., <i>SPIE Vol. 2338 Optical Data Storage</i> , 282-288 (1994) ("Komma Article").



Ex.	Reference
1006	U.S. Patent No. 5,446,565 to Komma et al. (filed Feb. 1, 1994) (issued Aug. 29, 1995) ("Komma Patent").
1007	U.S. Patent No. 5,526,338 to Hasman et al. (filed Mar. 10, 1995) (issued Jun. 11, 1996) ("Hasman").
1008	"Effect of Aberrations and Apodization on the Performance of Coherent Optical Systems," by J.P. Mills and B. J. Thompson, <i>J. Opt. Soc. Am. A/Vol. 3, No. 5</i> (May 1986) ("Mills Article").
1009	Fundamentals of Optics, by F. Jenkins & H. White, Fourth Edition (1976) ("Jenkins & White").
1010	Handbook of Optics – Devices, Measurements, & Properties Volume II, by Michael Bass, Second Edition (1995) ("Bass").
1011	U.S. Patent No. 5,349,471 to Morris et al. (filed Feb. 16, 1993) (issued Sep. 20, 1994) ("Morris").
1012	Declaration of Masud Mansuripur, Ph.D.
1013	Application No. 09/930,964 Preliminary Amendment, June 16, 2003.
1014	Application No. 09/930,964 Non-Final Office Action, June 4, 2004.
1015	Application No. 09/930,964 Amendment, September 1, 2004.
1016	Application No. 09/930,964 Notice of Allowability, November 18, 2004.
1017	Application No. 11/849,609 Preliminary Amendment, November 7, 2008.
1018	Application No. 11/849,609 Non-Final Office Action, February 17, 2011.
1019	Application No. 11/849,609 Notice of Allowance and Fees Due, August 30, 2011.



Ex.	Reference
1020	U.S. Patent No. 6,556,990 to Kajiyama et al. (PCT filed Sept. 1997) (Issued April 22, 2003) ("Kajiyama").
1021	Deposition Transcript of Michael S. Lebby, Ph.D., June 30, 2016.
1022	<i>Cuozzo Speed Technologies, LLC v. Lee</i> , 2016 U.S. LEXIS 3927, 579 U.S (U.S. June 20, 2016).

## Respectfully submitted,

Date: July 15, 2016 By: / Brian A. Tollefson /

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## **CERTIFICATE OF SERVICE**

I hereby certify that on this 15th day of July, 2016, a true and correct copy of the foregoing PETITIONER EXHIBIT LIST was served, via electronic mail upon the following counsel for Patent Owner Toshiba Samsung Storage Technology Korea Corporation:

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