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**VIA CM/ECF & HAND DELIVERY**

The Honorable Christopher J. Burke  
United States District Court  
District of Delaware  
844 King Street  
Wilmington, DE 19801

**Re: *ELM 3DS Innovations, LLC v. Samsung Electronics Co., Ltd., et al.,***  
***(C.A. No. 14-1430-LPS-CJB)***  
***ELM 3DS Innovations, LLC v. Micron Technology, Inc., et al.,***  
***(C.A. No. 14-1431-LPS-CJB)***  
***ELM 3DS Innovations, LLC v. SK Hynix Inc., et al.,***  
***(C.A. No. 14-1432-LPS-CJB)***

Dear Judge Burke:

Pursuant to the Court's Oral Order dated October 12, 2016, the parties in the above-referenced matters write to inform the Court of recent developments relevant to the 14 IPR proceedings pending for 12 of the patents-in-suit. Since the parties' last joint letter, which was submitted April 10, 2017 (D.I. 153; 129; 157), Final Written Decisions were issued for IPR2016-00386, IPR2016-00387, IPR2016-00388, IPR2016-00389, IPR2016-00390, IPR2016-00391, IPR2016-00393, IPR2016-00394, and IPR2016-00395 on June 23, 2017. The PTAB determined that, with the exception of Claims 33 and 34 of U.S. Patent No. 8,035,233, Petitioner has not demonstrated by a preponderance of the evidence that the subject matter of any of the challenged claims would have been obvious under 35 U.S.C. § 103. The parties have not yet received Final Written Decisions for IPR2016-00687, IPR2016-00691, IPR2016-00708, IPR2016-00770, IPR2016-00786.

Should the Court have any questions, counsel is available at the Court's convenience.

Respectfully,

/s/ Frederick L. Cottrell, III

Frederick L. Cottrell, III (#2555)

cc: All Counsel of Record (via CM/ECF)

