

NOTE: This order is nonprecedential.

**United States Court of Appeals
for the Federal Circuit**

**SAMSUNG ELECTRONICS CO., LTD., MICRON
TECHNOLOGY, INC., SK HYNIX INC.,**
Appellants

v.

ELM 3DS INNOVATIONS, LLC,
Appellee

2017-2474, 2017-2475, 2017-2476, 2017-2478, 2017-2479,
2017-2480, 2017-2482, 2017-2483, 2018-1050, 2018-1079,
2018-1080, 2018-1081, 2018-1082

Appeals from the United States Patent and Trademark
Office, Patent Trial and Appeal Board in Nos. IPR2016-
00386, IPR2016-00387, IPR2016-00388, IPR2016-00390,
IPR2016-00391, IPR2016-00393, IPR2016-00394,
IPR2016-00395, IPR2016-00687, IPR2016-00691,
IPR2016-00708, IPR2016-00770, IPR2016-00786.

**ON PETITION FOR PANEL REHEARING AND
REHEARING EN BANC**

Before PROST, *Chief Judge*, NEWMAN, LOURIE, DYK,
MOORE, O'MALLEY, REYNA, WALLACH, TARANTO, CHEN,
HUGHES, and STOLL, *Circuit Judges*.

PER CURIAM.

O R D E R

Appellee Elm 3DS Innovations, LLC filed a combined petition for panel rehearing and rehearing en banc. The petition was referred to the panel that heard the appeal, and thereafter the petition for rehearing en banc was referred to the circuit judges who are in regular active service.

Upon consideration thereof,

IT IS ORDERED THAT:

The petition for panel rehearing is denied.

The petition for rehearing en banc is denied.

The mandate of the court will issue on August 21, 2019.

FOR THE COURT

August 14, 2019
Date

/s/ Peter R. Marksteiner
Peter R. Marksteiner
Clerk of Court