IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.; SAMSUNG DISPLAY CO., LTD.; SONY CORPORATION, Petitioners,

 \mathbf{v}_{\bullet}

SURPASS TECH INNOVATION LLC, Patent Owner.

Case No. To Be Assigned Patent No. 7,420,550

POWERS OF ATTORNEY



Inter Partes Review of U.S. Patent No. 7,420,550

Pursuant to 37 C.F.R. § 42.10(b), Petitioner Samsung Electronics Co., Ltd. hereby appoints the practitioners associated with Customer Number 26853, including the following lead and backup counsel, as its attorneys to transact all business in the United States Patent & Trademark Office associated with the above-captioned *Inter Partes* Review:

Lead Counsel	Back-up Counsel
Jay I. Alexander (Reg. No. 32,678)	Andrea G. Reister (Reg. No. 36,253)
jalexander@cov.com	areister@cov.com
Covington & Burling LLP	Covington & Burling LLP
One CityCenter	One CityCenter
850 Tenth Street, NW	850 Tenth Street, NW
Washington, DC 20001	Washington, DC 20001
T: (202)662-5622; F: (202)778-5622	T: (202)662-5141; F: (202)778-5141
counsel for Samsung Electronics Co.,	counsel for Samsung Electronics Co.,
Ltd.	Ltd.
Additional Back-up Counsel	
Gregory S. Discher (Reg. No. 42,488)	
gdischer@cov.com	
Covington & Burling LLP	
One CityCenter	
850 Tenth Street, NW	
Washington, DC 200014	
T: (202)662-5485; F: (202)778-5485	
counsel for Samsung Electronics Co.,	
Ltd.	

The individual signing below has the authority to execute this document on

behalf of Petitioner Samsung E	Electronics C	o., Ltd.
Date: March 5, 2015		
	Name:	gang Goo Kim
	Title:	Legal Counse

Pursuant to 37 C.F.R. § 42.10(b), Petitioner Samsung Display Co., Ltd. hereby appoints the practitioners associated with Customer Number 26853, including the following lead and backup counsel, as its attorneys to transact all business in the United States Patent & Trademark Office associated with the above-captioned *Inter Partes* Review:

Lead Counsel	Back-up Counsel
Jay I. Alexander (Reg. No. 32,678)	Andrea G. Reister (Reg. No. 36,253)
jalexander@cov.com	areister@cov.com
Covington & Burling LLP	Covington & Burling LLP
One CityCenter	One CityCenter
850 Tenth Street, NW	850 Tenth Street, NW
Washington, DC 20001	Washington, DC 20001
T: (202)662-5622; F: (202)778-5622	T: (202)662-5141; F: (202)778-5141
counsel for Samsung Display Co., Ltd.	counsel for Samsung Display Co., Ltd.
Additional Back-up Counsel	
Gregory S. Discher (Reg. No. 42,488)	
gdischer@cov.com	
Covington & Burling LLP	
One CityCenter	
850 Tenth Street, NW	
Washington, DC 200014	
T: (202)662-5485; F: (202)778-5485	
counsel for Samsung Display Co., Ltd.	

The individual signing below has the authority to execute this document on

behalf of Petitioner Samsung Display Co., Ltd.

Date: 3/5/2015

Name:

Title:

VP, IP Team Head

Petitioner Sony Corporation's Power of Attorney

Pursuant to 37 C.F.R. § 42.10(b), Petitioner Sony Corporation hereby appoints Practitioner(s) associated with Customer Number 26646, including the following counsel, as its attorney(s) to act on its behalf in the *Inter Partes* Review of U.S. Patent No. 7,420,550, with full power to appoint an associate agent, and to transact all business in the United States Patent and Trademark Office connected therewith.

Michelle Carniaux (Reg. No. 36,098)
mcarniaux@kenyon.com
Lewis Popovski (Reg. No. 37,423)
lpoposvki@kenyon.com
Aaron Zakem (Reg. No. 72,521)
azakem@kenyon.com
Kenyon & Kenyon LLP
One Broadway
New York, NY 10004
Counsel for Sony Corporation

The individual signing below has the authority to execute this document on behalf of Petitioner Sony Corporation.

Date: March 10, 2015

By:

Name I

Fumihiko Moriva

Title:

VP, Senior General Manager Intellectual Property Division

Sony Corporation

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6, I hereby certify that on this 16th day of March 2015, the foregoing Powers of Attorney were served by FedEx, a means at least as fast and reliable as PRIORITY MAIL EXPRESSTM, on the following correspondence address of record for patent owner.

LOWE HAUPTMAN & HAM, LLP 2318 Mill Road Suite 1400 Alexandria, VA 22314

A courtesy copy was provided to Patent Owner's litigation counsel:

TechKnowledge Law Group LLP 100 Marine Parkway, Suite 200 Redwood City, CA 94065

Date: March 16, 2015

Jay I. Alexander

Registration No.: 32,678