

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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**LG ELECTRONICS INC.,**

Petitioner,

v.

**PANTECH WIRELESS, LLC,**

Patent Owner.

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Case IPR2023-01270

U.S. Patent No. 10,869,247

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**PETITIONER'S UPDATED LIST OF EXHIBITS**

**UPDATED LIST OF EXHIBITS**

| <b>Exhibit<br/>("Ex.")</b> | <b>Description</b>                                                                                                                    |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1001                       | U.S. Patent No. 10,869,247 ("247")                                                                                                    |
| 1002                       | File History of U.S. Application No. 17/008,439 ("247FH")                                                                             |
| 1003                       | Declaration of Dr. Daniel van der Weide in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 10,869,247 ("Weide") |
| 1004                       | Declaration of Friedhelm Rodermund in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 9,854,545 ("Rodermund")   |
| 1005                       | R1-03-0285, <i>Signalling for H-ARQ Operation</i> ("Lucent")                                                                          |
| 1006                       | U.S. Patent Application Publication No. 2004/0223507<br>("Kuchibhotla")                                                               |
| 1007                       | U.S. Patent Application Publication No. 2005/0048920 ("Liu")                                                                          |
| 1008                       | U.S. Patent No. 6,359,877 ("Rathonyi")                                                                                                |
| 1009                       | U.S. Patent Application Publication No. 2003/0076783 ("Das")                                                                          |
| 1010                       | U.S. Patent Application Publication No. 2004/109433 ("Khan")                                                                          |
| 1011                       | U.S. Patent Application Publication No. 2003/210669 ("Vayanos")                                                                       |
| 1012                       | File History of U.S. Application No. 10/962,720                                                                                       |
| 1013                       | File History of U.S. Application No. 11/434,330                                                                                       |
| 1014                       | File History of U.S. Application No. 13/308,950                                                                                       |
| 1015                       | File History of U.S. Application No. 13/908,242                                                                                       |
| 1016                       | File History of U.S. Application No. 14/869,313                                                                                       |
| 1017                       | File History of U.S. Application No. 15/699,418                                                                                       |
| 1018                       | File History of U.S. Application No. 16/283,407                                                                                       |

| Exhibit<br>("Ex.") | Description                                                                                                                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1019               | File History of U.S. Application No. 16/545,398                                                                                                                                                                  |
| 1020               | Joint Claim Construction and Prehearing Statement, <i>Pantech Corp. et al. v. LG Electronics Inc. et al.</i> , Case 5:22-cv-00113-RWS-JBB (E.D. Texas), Dkt. No. 118.                                            |
| 1021               | Claim Construction Expert Report of Peter Rysavy Concerning U.S. Patent No. 9,854,545, <i>Pantech Corp. et al. v. LG Electronics Inc. et al.</i> , Case 5:22-cv-00113-RWS-JBB (E.D. Texas) (June 23, 2023).      |
| 1022               | Pantech's Preliminary Infringement Contentions of U.S. Patent No. 10,869,247                                                                                                                                     |
| 1023               | Third Amended Docket Control Order, <i>Pantech Corp. et al. v. LG Electronics Inc. et al.</i> , Case 5:22-cv-00113-RWS-JBB (E.D. Texas), Dkt. No. 98                                                             |
| 1024               | Docket Navigator "Time to Trial" report for Judge Robert W. Schroeder                                                                                                                                            |
| 1025               | USCourts.gov "U.S. District Court – Judicial Caseload Profile" for Eastern District of Texas                                                                                                                     |
| 1026               | Claim Construction Memorandum Opinion and Order, <i>Pantech Corp. v. OnePlus Tech. (Shenzhen) Co., Ltd.</i> , No. 22-cv-00069-RWS-JBB, Dkt. No. 51 (E.D. Tex. Aug. 8, 2023)                                      |
| 1027               | Declaration of Jonathan Bradford in Support of Petition for <i>Inter Partes</i> Review of United States Patent No. 10,869,247                                                                                    |
| 1028–50            | [Reserved]                                                                                                                                                                                                       |
| 1051               | Webpage, available at <a href="https://archive.org/legal/affidavit.php">https://archive.org/legal/affidavit.php</a>                                                                                              |
| 1052               | Internet Archive Capture, available at <a href="https://web.archive.org/web/20020126155238/http://www.3gpp.org:80/TB/home.htm">https://web.archive.org/web/20020126155238/http://www.3gpp.org:80/TB/home.htm</a> |
| 1053               | Internet Archive Capture, available at <a href="https://web.archive.org/web/20021201115542/http://www.3gpp.org/">https://web.archive.org/web/20021201115542/http://www.3gpp.org/</a>                             |

| Exhibit<br>("Ex.") | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1054               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20021225100542/http://www.3gpp.org/TB/RAN/RAN1/RAN1.htm">https://web.archive.org/web/20021225100542/http://www.3gpp.org/TB/RAN/RAN1/RAN1.htm</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1055               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20021225085437/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/">https://web.archive.org/web/20021225085437/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1056               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20030310074828/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/">https://web.archive.org/web/20030310074828/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1057               | Excel file "work_plan_3gpp_020926.xls," retrieved from<br><a href="https://web.archive.org/web/20060625054352/http://www.3gpp.org/ftp/Information/WORK_PLAN/older_versions/work_plan_3gpp_020926.zip">https://web.archive.org/web/20060625054352/http://www.3gpp.org/ftp/Information/WORK_PLAN/older_versions/work_plan_3gpp_020926.zip</a>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1058               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20051103081215/http://list.3gpp.org/scripts/wa.exe?SUBED1=3gpp_tsg_ran_wg1&amp;A=1">https://web.archive.org/web/20051103081215/http://list.3gpp.org/scripts/wa.exe?SUBED1=3gpp_tsg_ran_wg1&amp;A=1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1059               | Webpage, available at<br><a href="https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Docs/Zips">https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Docs/Zips</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1060               | R1-03-0285, retrieved from<br><a href="https://list.etsi.org/scripts/wa.exe?A3=ind0302&amp;L=3GPP_TSG_RAN_WG1&amp;E=base64&amp;P=13236608&amp;B=-----090504090304090107000407&amp;T=application%2Fzip;%20name=%22R1-03-0285-signaling%20for%20HARQ.zip%22&amp;N=R1-03-0285-signaling%20for%20HARQ.zip&amp;X=OD369BF41AE3BADE7C1&amp;Y=friedhelm.rodermund%40iotecc.com">https://list.etsi.org/scripts/wa.exe?A3=ind0302&amp;L=3GPP_TSG_RAN_WG1&amp;E=base64&amp;P=13236608&amp;B=-----090504090304090107000407&amp;T=application%2Fzip;%20name=%22R1-03-0285-signaling%20for%20HARQ.zip%22&amp;N=R1-03-0285-signaling%20for%20HARQ.zip&amp;X=OD369BF41AE3BADE7C1&amp;Y=friedhelm.rodermund%40iotecc.com</a> (R1-03-0285-signaling for HARQ.doc in R1-03-0285-signaling for HARQ.zip) |
| 1061               | Webpage, available at<br><a href="https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_RAN_WG1;db5ce98d.0302&amp;S=">https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_RAN_WG1;db5ce98d.0302&amp;S=</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1062               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20021129231250/http://list.etsi.org/">https://web.archive.org/web/20021129231250/http://list.etsi.org/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Exhibit<br>("Ex.") | Description                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1063               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20030326234439/http://list.etsi.org/">https://web.archive.org/web/20030326234439/http://list.etsi.org/</a>                                                                                    |
| 1064               | Webpage, available at<br><a href="https://web.archive.org/web/20030926220033/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Docs/Zips/">https://web.archive.org/web/20030926220033/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Docs/Zips/</a>                         |
| 1065               | R1-03-0285, retrieved from<br><a href="http://3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/docs/ZIPS/R1-030285.zip">http://3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/docs/ZIPS/R1-030285.zip</a> (R1-03-0285-signaling for HARQ.doc in R1-030285.zip)                                   |
| 1066               | Tdoc R1-030396, retrieved from<br><a href="https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Report/R1-030396.zip">https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Report/R1-030396.zip</a> (R1-030396_minutes_31.doc in R1-030396.zip)                                    |
| 1067               | Webpage, available at<br><a href="https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Report">https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_31/Report</a>                                                                                                                     |
| 1068               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20030626230505/http://www.3gpp.org:80/ftp/tsg_ran/WG1_RL1/">https://web.archive.org/web/20030626230505/http://www.3gpp.org:80/ftp/tsg_ran/WG1_RL1/</a>                                        |
| 1069               | Excel file "R1_Index(2003).xls," retrieved from<br><a href="https://web.archive.org/web/20070213231840/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/R1_Index(2003).zip">https://web.archive.org/web/20070213231840/http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/R1_Index(2003).zip</a> |
| 1070               | Internet Archive Capture, available at<br><a href="https://web.archive.org/web/20030114054451/http://www.3gpp.org:80/tb/home.htm">https://web.archive.org/web/20030114054451/http://www.3gpp.org:80/tb/home.htm</a>                                                          |
| 1071               | Transcript of November 1, 2023 Call with the Board                                                                                                                                                                                                                           |
| 1072-1199          | (Reserved)                                                                                                                                                                                                                                                                   |
| 1200               | Proposed Protective Order                                                                                                                                                                                                                                                    |
| 1201               | Declaration of Hojun Suh (Confidential)                                                                                                                                                                                                                                      |
| 1202               | Declaration of Soo Hong (Confidential)                                                                                                                                                                                                                                       |

| Exhibit<br>("Ex.") | Description                                                                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1203               | U.S. Patent No. 9,313,809                                                                                                                                                                                                               |
| 1204               | U.S. Patent No. 9,575,631                                                                                                                                                                                                               |
| 1205               | U.S. Patent No. 9,854,545                                                                                                                                                                                                               |
| 1206               | (Reserved—See Ex. 1001)                                                                                                                                                                                                                 |
| 1207               | U.S. Patent No. 9,065,486                                                                                                                                                                                                               |
| 1208               | U.S. Patent No. 9,136,924                                                                                                                                                                                                               |
| 1209               | <i>Pantech Corp. v. LG Electronics Inc.</i> , Case No. 5:22-cv-00113 (E.D. Tex.), Dkt. 182 (Order Regarding LGE’s Motion for Disqualification) (Public Version)                                                                         |
| 1210               | <i>Pantech Corp. v. LG Electronics Inc.</i> , Case No. 5:22-cv-00113 (E.D. Tex.), Dkt. 1 ( <i>Pantech</i> Complaint)                                                                                                                    |
| 1211               | <i>Pantech Corp. v. LG Electronics Inc.</i> , Case No. 5:22-cv-00113 (E.D. Tex.), Dkt. 60-1 (Second Declaration of Jamie B. Beaber in Support of Plaintiff’s Opposition to Defendants’ Motion to Disqualify Mayer Brown) (Confidential) |
| 1212               | <i>Pantech Corp. v. LG Electronics Inc.</i> , Case No. 5:22-cv-00113 (E.D. Tex.), Dkt. 40 (Defendants’ Motion to Disqualify Mayer Brown LLP) (Public Version)                                                                           |
| 1213               | <i>Pantech Corp. v. LG Electronics Inc.</i> , Case No. 5:22-cv-00113 (E.D. Tex.), Dkt. 40 (Magistrate Order Regarding LGE’s Motion for Disqualification) (Public Version)                                                               |
| 1214               | <i>In re LG Electronics Inc. and LG Electronics U.S.A., Inc.</i> , Case No. 23-148 (Fed. Cir.), Dkt. 8-1 (LG Electronics Inc. and LG Electronics U.S.A., Inc.’s Petition For Writ Of Mandamus) (Public Version)                         |
| 1215               | <i>Pantech Corp. v. LG Electronics Inc.</i> , Case No. 5:22-cv-00113 (E.D. Tex.), Dkt. 15-28 ( <i>Jenam</i> Agreement) (Confidential)                                                                                                   |

| Exhibit<br>("Ex.") | Description                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1216               | <i>Pantech Corp. v. LG Electronics Inc.</i> , Case No. 5:22-cv-00113 (E.D. Tex.), Dkt. 56 (Plaintiffs' Opposition to Defendants' Motion to Disqualify Mayer Brown LLP) (Public Version) |
| 1217               | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:14-cv-00982 (E.D. Tex.), Dkt. 1 (CCE 982 Complaint)                                                                          |
| 1218               | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:13-cv-00508 (E.D. Tex.), Dkt. 1 (CCE 508 Complaint)                                                                          |
| 1219               | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:13-cv-00507 (E.D. Tex.), Dkt. 442-6 (CCE Infringement Contentions for U.S. Patent No. 6,819,923)                             |
| 1220               | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:14-cv-00982 (E.D. Tex.), Dkt. 147-9 (CCE Infringement Contentions for U.S. Patent No. 8,848,556)                             |
| 1221               | <i>Core Wireless Licensing v. LG Electronics, Inc.</i> , No. 2:14-cv-00911 (E.D. Tex.), Dkt. 1 (Core Wireless 911 Complaint)                                                            |
| 1222               | <i>Core Wireless Licensing v. LG Electronics, Inc.</i> , No. 2:14-cv-00912 (E.D. Tex.), Dkt. 1 (Core Wireless 912 Complaint)                                                            |
| 1223               | <i>Core Wireless Licensing v. LG Electronics, Inc.</i> , No. 2:14-cv-00911 (E.D. Tex.), Dkt. 13 (Core Wireless 911/912 Consolidation Order)                                             |
| 1224               | <i>Core Wireless Licensing v. LG Electronics, Inc.</i> , No. 2:14-cv-00911 (E.D. Tex.), Dkt. 363 (Core Wireless Proposed Joint Pretrial Order)                                          |
| 1225               | <i>Core Wireless Licensing v. LG Electronics, Inc.</i> , No. 2:14-cv-00911 (E.D. Tex.), Dkt. 232 (Core Wireless Appearance of Jamie B. Beaber)                                          |
| 1226               | <i>Mobile Tele. Tech. v. LG Electronics, Inc.</i> , No. 2:13-cv-00947 (E.D. Tex.), Dkt. 20 (MTT Complaint)                                                                              |
| 1227               | U.S. Patent No. 8,713,476                                                                                                                                                               |
| 1228               | U.S. Patent No. 6,978,143                                                                                                                                                               |

| <b>Exhibit<br/>("Ex.")</b> | <b>Description</b>                                                                                                            |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1229                       | U.S. Patent No. 6,477,151                                                                                                     |
| 1230                       | U.S. Patent No. 8,848,556                                                                                                     |
| 1231                       | U.S. Patent No. 6,091,717                                                                                                     |
| 1232                       | U.S. Patent No. 8,055,820                                                                                                     |
| 1233                       | U.S. Patent No. 7,764,966                                                                                                     |
| 1234                       | U.S. Patent No. 7,804,850                                                                                                     |
| 1235                       | U.S. Patent No. 8,434,020                                                                                                     |
| 1236                       | U.S. Patent No. 6,094,426                                                                                                     |
| 1237                       | U.S. Patent No. 7,215,962                                                                                                     |
| 1238                       | U.S. Patent No. 5,809,428                                                                                                     |
| 1239                       | U.S. Patent No. 6,266,321                                                                                                     |
| 1240                       | U.S. Patent No. 6,778,521                                                                                                     |
| 1241                       | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:13-cv-00507 (E.D. Tex.), Dkt. 442-1 (CCE Infringement Contentions) |
| 1242                       | <i>Mobile Tele. Tech. v. LG Electronics, Inc.</i> , No. 2:13-cv-00947 (E.D. Tex.) Docket Sheet                                |
| 1243                       | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:16-cv-00365 (E.D. Tex.), Dkt. 2 (CCE 365 Complaint)                |
| 1244                       | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:13-cv-00508 (E.D. Tex.) Docket Sheet Excerpt                       |
| 1245                       | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:14-cv-00982 (E.D. Tex.) Docket Sheet Excerpt                       |
| 1246                       | <i>Cellular Comm's. Equip. v. LG Electronics, Inc.</i> , 6:16-cv-00365 (E.D. Tex.), Docket Sheet Excerpt                      |

| Exhibit<br>("Ex.") | Description                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| 1247               | <i>Core Wireless Licensing v. LG Electronics, Inc.</i> , No. 2:14-cv-00911 (E.D. Tex.) Docket Sheet Excerpt        |
| 1248               | LGE Emails (Confidential – Privileged)                                                                             |
| 1249               | <i>Jenam Tech, L.L.C. v. LG Electronics, Inc.</i> , No. 4:19-cv-00249 (E.D. Tex.), Dkt 1 ( <i>Jenam</i> Complaint) |
| 1250               | <i>Jenam Tech, L.L.C. v. LG Electronics, Inc.</i> , No. 4:19-cv-00249 (E.D. Tex.) Docket Sheet Excerpt             |
| 1251               | LGE-Pantech Emails from 2021-04-01 to 2021-05-06 (Translated) (Confidential)                                       |
| 1252               | LGE-Mayer Brown Emails on 2015-06-04 (Confidential)                                                                |
| 1253               | CCE Production Metadata (Confidential)                                                                             |
| 1254               | LGE-Mayer Brown Emails from 2015-09-09 to 2015-11-06 (Confidential)                                                |
| 1255               | CCE Source Code Production Data (Confidential)                                                                     |
| 1256               | LGE-Mayer Brown Emails from 2020-01-24 to 2020-01-29 (Confidential)                                                |
| 1257               | <i>Jenam</i> Production Metadata (Confidential)                                                                    |
| 1258               | <i>Pantech</i> Preliminary Infringement Contentions of U.S. Patent No. 9,575,631                                   |
| 1259               | <i>Pantech</i> Preliminary Infringement Contentions of U.S. Patent No. 9,854,545                                   |
| 1260               | <i>Pantech</i> Preliminary Infringement Contentions of U.S. Patent No. 9,313,809                                   |
| 1261               | <i>Pantech</i> Preliminary Infringement Contentions of U.S. Patent No. 9,065,486                                   |

| <b>Exhibit<br/>("Ex.")</b> | <b>Description</b>                                                               |
|----------------------------|----------------------------------------------------------------------------------|
| 1262                       | <i>Pantech</i> Preliminary Infringement Contentions of U.S. Patent No. 9,136,924 |
| 1263                       | U.S. Patent No. 6,775,548                                                        |
| 1264                       | U.S. Patent No. 5,946,320                                                        |
| 1265                       | IPR2023-01271 – Request for Extension                                            |
| 1266                       | 2023-12-26 Dkt. 30 Mandamus Order                                                |
| 1267-<br>1299              | (Reserved)                                                                       |
| 1300                       | Petitioner's Offered Sotera Stipulation                                          |

Respectfully submitted,

Dated: February 21, 2024

By: /James. L. Davis, Jr./  
Name: James. L. Davis, Jr.  
Counsel for Petitioner  
LG ELECTRONICS INC.

**CERTIFICATE OF SERVICE**

The undersigned certifies that the foregoing PETITIONER'S UPDATED LIST OF EXHIBITS and EXHIBIT 1300 was served in its entirety by filing through the Patent Trial and Appeal Case Tracking System (P-TACTS), as well as providing a courtesy copy via e-mail to the following attorneys of record for the Patent Owner listed below:

|                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Lead Counsel</u><br>Amanda S. Bonner<br>Registration No. 65,224<br>Mayer Brown LLP<br>71 S. Wacker Drive<br>Chicago, IL 60606<br>Telephone: 312-782-0600<br>Facsimile: 312-706-8157<br><a href="mailto:asbonner@mayerbrown.com">asbonner@mayerbrown.com</a><br><br><a href="mailto:Pantech-LGE-IPR-Service@mayerbrown.com">Pantech-LGE-IPR-Service@mayerbrown.com</a> | <u>Back-Up Counsel</u><br>James A. Fussell, III<br>Registration No. 54,885<br>Clark S. Bakewell<br>Registration No. 71,615<br>Baldine B. Paul<br>Registration No. 54,369<br>Mayer Brown LLP<br>1999 K Street NW<br>Washington, D.C. 20006<br>Telephone: 202-263-3000<br>Facsimile: 202-263-3300<br><a href="mailto:jfussell@mayerbrown.com">jfussell@mayerbrown.com</a><br><a href="mailto:cbakewell@mayerbrown.com">cbakewell@mayerbrown.com</a><br><a href="mailto:bpaul@mayerbrown.com">bpaul@mayerbrown.com</a> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Dated: February 21, 2024

By: /Jonathan Bradford/  
Name: Jonathan Bradford  
**ROPES & GRAY LLP**