

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

GOOGLE LLC,  
Petitioner

v.

GEOSCOPE TECHNOLOGIES PTE. LTD.  
Patent Owner

---

Case No. IPR2023-01210  
Patent 8,400,358

---

**PETITIONER'S EXHIBIT LIST**  
**(November 15, 2024)**

Pursuant to 37 C.F.R. §42.63(e), below is a current listing of Petitioner's exhibits.

| <b>Exhibit No.</b> | <b>Description</b>                                                                                                                                                                                                                                       |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1001               | U.S. Patent No. 8,400,358, issued on March 19, 2013 (“the ’358 Patent”)                                                                                                                                                                                  |
| 1002               | File History of U.S. Patent Application No. 12/424,320, filed on April 15, 2009 (“the ’320 Application”)                                                                                                                                                 |
| 1003               | File History of Reexamination Control No. 90/012,694 (“the ’694 Reexam”)                                                                                                                                                                                 |
| 1004               | Reexamination Certificate issued on August 18, 2014 (Reexamination Control No. 90/012,694)                                                                                                                                                               |
| 1005               | U.S. Provisional Application No. 60/899,379, filed on February 5, 2007 (“the ’379 Provisional”)                                                                                                                                                          |
| 1006               | U.S. Patent No. 7,706,811 (“Shkedi”)                                                                                                                                                                                                                     |
| 1007               | U.S. Patent No. 9,097,784, issued on August 4, 2015 (“the ’784 Patent”)                                                                                                                                                                                  |
| 1008               | U.S. Patent No. 8,406,753, issued on March 26, 2013 (“the ’753 Patent”)                                                                                                                                                                                  |
| 1009               | U.S. Patent Application Publication No. 2003/0064735, published on April 3, 2003 (“Spain”)                                                                                                                                                               |
| 1010               | Jian Zhu and G. D. Durgin, “Indoor/outdoor location of cellular handsets based on received signal strength,” <i>2005 IEEE 61st Vehicular Technology Conference</i> , Stockholm, Sweden, 2005, pp.92-96, Vol. 1, doi: 10.1109/VETECS.2005.1543256 (“Zhu”) |
| 1011               | Heikki Laitinen, Jaakko Lähteenmäki, Tero Nordström, “Database Correlation Method for GSM Location”, VTT Information Technology, IEEE, 2001. (“Laitinen”)                                                                                                |
| 1012               | Declaration of David Hilliard Williams                                                                                                                                                                                                                   |

| <b>Exhibit No.</b> | <b>Description</b>                                                                                                                                                                                                                                           |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1013               | <i>Curriculum Vitae</i> of David Hilliard Williams                                                                                                                                                                                                           |
| 1014               | Declaration of Dr. Sylvia Hall-Ellis                                                                                                                                                                                                                         |
| 1015               | <i>Curriculum Vitae</i> of Dr. Sylvia Hall-Ellis                                                                                                                                                                                                             |
| 1016               | Complaint dated November 22, 2022, <i>Geoscope Technologies Pte. Ltd. v. Google LLC f/k/a Google Inc.</i> , Civ. Action No. 1:22-cv-01331 (EDVA) filed on November 22, 2022 (“the Related Litigation”)                                                       |
| 1017               | <i>Not Assigned</i>                                                                                                                                                                                                                                          |
| 1018               | U.S. Patent No. 7,561,104 (“the ’104 Patent”)                                                                                                                                                                                                                |
| 1019               | File History of U.S. Patent Application No. 12/026,333, filed on February 5, 2008 (“the ’333 Application”)                                                                                                                                                   |
| 1020-1023          | <i>Not Assigned</i>                                                                                                                                                                                                                                          |
| 1024               | Plaintiff Geoscope Technologies PTE. LTD.’s Opening Claim Construction Brief dated May 26, 2023, <i>Geoscope Technologies Pte. Ltd. v. Google LLC f/k/a Google Inc.</i> , Civ. Action No. 1:22-cv-01331 (EDVA) filed on November 22, 2022                    |
| 1025               | Google LLC’s Opening Claim Construction Brief dated May 26, 2023, <i>Geoscope Technologies Pte. Ltd. v. Google LLC f/k/a Google Inc.</i> , Civ. Action No. 1:22-cv-01331 (EDVA) filed on November 22, 2022                                                   |
| 1026               | <i>Not Assigned</i>                                                                                                                                                                                                                                          |
| 1027               | Appendix B to Plaintiff Geoscope Technologies Pte. Ltd.’s Preliminary Infringement Contentions dated April 7, 2023, <i>Geoscope Technologies Pte. Ltd. v. Google LLC f/k/a Google Inc.</i> , Civ. Action No. 1:22-cv-01331 (EDVA) filed on November 22, 2022 |

| <b>Exhibit No.</b> | <b>Description</b>                                                                                                                                                                                          |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1028               | Claim Construction Memorandum Opinion & Order dated July 19, 2023, <i>Geoscope Technologies Pte. Ltd. v. Google LLC f/k/a Google Inc.</i> , Civ. Action No. 1:22-cv-01331 (EDVA) filed on November 22, 2022 |
| 1029               | Email from Board granting Petitioner's Request for Authorization to file Replies to Patent Owner's Preliminary Responses dated December 22, 2023                                                            |
| 1030               | <i>Not Assigned</i>                                                                                                                                                                                         |
| 1031               | Deposition Transcript of Mark Sturza in IPR2023-01209, -01210, -01211 (August 27, 2024)                                                                                                                     |
| 1032               | Deposition Transcript of Mark Sturza in IPR2023-01212 (August 27, 2024)                                                                                                                                     |
| 1033               | Petitioner's Demonstratives                                                                                                                                                                                 |

Respectfully submitted,

Date: November 15, 2024

/Patrick C. Keane/  
Patrick C. Keane, Esq. (Reg. No. 32,858)  
BUCHANAN INGERSOLL & ROONEY PC  
1737 King Street, Suite 500  
Alexandria, Virginia 22314  
Direct Telephone (703) 838-6522  
Main Facsimile (703) 836-2021  
patrick.keane@bipc.com  
*Counsel for Petitioner*

CERTIFICATE OF SERVICE

The undersigned hereby certifies that on this 15th day of November, 2024, a true and correct copy of the foregoing **PETITIONER'S EXHIBIT LIST as of November 15, 2024 together with EXHIBIT 1033** is being served by electronic mail to Patent Owner's counsel as follows:

|                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| James T. Carmichael<br>Stephen McBride<br>Stephen Schreiner<br>Minghui Yang<br>Christopher R. Abidin<br>CARMICHAEL IP, PLLC<br>8607 Westwood Center Drive, Suite 270<br>Tysons, VA 22182<br>jim@carmichaelip.com<br>stevemcbride@carmichaelip.com<br>schreiner@carmichaelip.com<br>mitch@carmichaelip.com<br>chris@carmichaelip.com<br>geoscopeIPRs@carmichaelip.com | Christopher M. Gerson ( <i>pro hac vice</i> )<br>Saunak K. Desai ( <i>pro hac vice</i> )<br>SCHULTE ROTH & ZABEL LLP<br>919 Third Avenue<br>New York, New York 10022<br>chris.gerson@srz.com<br>saunak.desai@srz.com<br>Patent@srz.com |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Date: November 15, 2024

/Patrick C. Keane/

Patrick C. Keane, Esq. (Reg. No. 32,858)  
BUCHANAN INGERSOLL & ROONEY PC  
1737 King Street, Suite 500  
Alexandria, Virginia 22314  
Direct Telephone (703) 838-6522  
Main Facsimile (703) 836-2021  
patrick.keane@bipc.com  
*Counsel for Petitioner*