

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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HANWHA SOLUTIONS CORPORATION,  
Petitioner

v.

MAXEON SOLAR PTE. LTD.,  
Patent Owner

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Case IPR2024-01198  
U.S. Patent No. 11,251,315

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**PATENT OWNER'S UPDATED EXHIBIT LIST**

**PATENT OWNER'S EXHIBIT LIST**

| <b>Exhibit</b> | <b>Description</b>                                                                                                                                                                                                                                                                                            |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2001           | Declaration of David Carroll, Ph.D. in Support of Patent Owner Preliminary Response                                                                                                                                                                                                                           |
| 2002           | Lamers et al., "Towards 21% Efficient N-CZ IBC based on Screen Printing," <i>26th European Photovoltaic Solar Energy Conference and Exhibition</i> , (2011)                                                                                                                                                   |
| 2003           | Desa et al., "Optimization of p-type Screen Printed Interdigitated Back Contact Silicon Solar Cell with Aluminum Back Surface Field," <i>International Journal of Engineering &amp; Technology IJET-IJENS</i> , 14(2) (2014)                                                                                  |
| 2004           | Pham et al., "Dopant-grading proposal for polysilicon passivating contact in crystalline silicon solar cells," <i>Journal of Power Sources</i> , 522, 2022                                                                                                                                                    |
| 2005           | Procel et al., "Analysis of the Impact of Doping Levels on Performance of Back Contact – Back Junction Solar Cells," 4th International Conference on Silicon Photovoltaics, SiliconPV 2014, Italy, 2014, pp 128-132, ScienceDirect                                                                            |
| 2006           | Federal Court Management Statistics (September 30, 2024)                                                                                                                                                                                                                                                      |
| 2007           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2008           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2009           | Invalidity Contentions, <i>Maxeon Solar Pte. Ltd. v. Canadian Solar Inc.</i> , Case No. 2:24-cv-00210-JRG (E.D. Tex. Sept. 6, 2024)                                                                                                                                                                           |
| 2010           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2011           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2012           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2013           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2014           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2015           | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                               |
| 2016           | "Nanotechnology improves solar cell efficiency," <i>EarthSky</i> , August 28, 2007 (accessible at <a href="https://earthsky.org/humanworld/nanotechnology-improves-solar-cell-efficiency">https://earthsky.org/humanworld/nanotechnology-improves-solar-cell-efficiency</a> ; last accessed October 14, 2024) |
| 2017           | "New Plastic Solar Cell Breaks Efficiency Record," <i>ScienceDaily</i> , April 20, 2007 (accessible at <a href="https://www.sciencedaily.com/releases/2007/04/070419140902.htm">https://www.sciencedaily.com/releases/2007/04/070419140902.htm</a> ), last accessed October 14, 2024)                         |

| Exhibit            | Description                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2018               | Capshaw-Mack, C., "Power Games: Project seeks to improve methods of harnessing solar energy," <i>Winston-Salem Journal</i> , August 4, 2013 (accessible at <a href="https://journalnow.com/news/local/article_1d243ff0-fc9e-11e2-b607-001a4bcf6878.html">https://journalnow.com/news/local/article_1d243ff0-fc9e-11e2-b607-001a4bcf6878.html</a> ; last accessed October 15, 2024) |
| 2019               | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                                                                                                    |
| 2020               | <i>Intentionally Left Blank</i>                                                                                                                                                                                                                                                                                                                                                    |
| 2021               | Docket Sheet, <i>Maxeon Solar Pte. Ltd. v. Canadian Solar, Inc.</i> , Case No. 2:24-cv-00210-JRG (E.D. Tex.)                                                                                                                                                                                                                                                                       |
| 2022               | Docket Sheet, <i>Maxeon Solar Pte. Ltd. v. Hanwha Solutions Corp.</i> , Case No. 2:24-cv-00262-JRG (E.D. Tex.)                                                                                                                                                                                                                                                                     |
| 2023               | Docket Sheet, <i>Maxeon Solar Pte. Ltd. v. REC Solar Holdings AS</i> , Case No. 2:24-cv-00260-JRG (E.D. Tex.)                                                                                                                                                                                                                                                                      |
| 2024               | Counterclaims, <i>Maxeon Solar Pte. Ltd. v. Hanwha Solutions Corp.</i> , Case No. 2:24-cv-00262-JRG (E.D. Tex. Nov. 15, 2024)                                                                                                                                                                                                                                                      |
| 2025               | Petition for <i>Inter Partes</i> Review, Paper 1, <i>Canadian Solar, Inc. v. Maxeon Solar Pte. Ltd.</i> , Case No. IPR2024-01038 (PTAB June 25, 2024)                                                                                                                                                                                                                              |
| 2026               | Petition for <i>Inter Partes</i> Review, Paper 1, <i>Canadian Solar, Inc. v. Maxeon Solar Pte. Ltd.</i> , Case No. IPR2024-01194 (PTAB July 19, 2024)                                                                                                                                                                                                                              |
| 2027<br><i>New</i> | Declaration of Dr. Mary K. Bolin<br><b><i>Served and Not Filed</i></b>                                                                                                                                                                                                                                                                                                             |

Respectfully submitted,

Date: March 25, 2025

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**CERTIFICATE OF SERVICE**

I certify that the foregoing Patent Owner's Updated Exhibit List was served on Petitioner's counsel of record by electronic notification through P-TACTS and email to:

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