UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CANADIAN SOLAR INC.,
Petitioner,

v.

MAXEON SOLAR PTE. LTD.,
Patent Owner.

IPR2024-01039
Patent No. 8,222,516

PETITIONER'S UPDATED EXHIBIT LIST

Exhibit #	Reference Name
1001	U.S. Patent No. 8,222,516 ("516 Patent")
1002	File History of U.S. Patent No. 8,222,516
1003	Declaration of Sanjay Banerjee
1004	Curriculum Vitae of Sanjay Banerjee
1005	File History of U.S. Patent Application No. 14/504,771 ("771 Application")
1006	EP1732142A1 to Armin Froitzheim ("Froitzheim")
1007	J.Y. Gan et al., "Polysilicon Emitters for Silicon Concentrator Solar cells," May 1990, Proceedings of the 21st IEEE-PVSC ("Gan")
1008	Kwark, Y. H. et al. "SIPOS Heterojunction contacts to silicon." 1984 International Electron Devices Meeting (1984): 742-745 ("Kwark")
1009	WO2009/094578 to Borden ("Borden")
1010	U.S. Provisional Patent Application No. 61/023,342 (EX1010) ("Borden Provisional"), filed January 24, 2008.
1011	U.S. Patent No. 6,262,359 to Meier ("Meier")
1012	JP07-106611 to Okayasu ("Okayasu") (Human Translation)
1013	JP07-106611 to Okayasu ("Okayasu") (Japanese Original)
1014	U.S. Patent Pub. No. 2002/0142500 to Foglietti
1015	U.S. Patent Pub. No. 2005/0268963 to Jordan ("Jordan")
1016	Yablonovitch, Eli et al., "A Study of n^+-SIPOA:p-Si Heterojunction Emitters." Nov. 1985, IEEE Election Device Letters, Vol. EDL-6, No. 11 ("Yablonovitch")
1017	Sinton, R. A. et al., "Design Criteria for Si Point-Contact Concentrator Solar Cells." Oct. 1987, IEEE Trans. on Electron Devices, Vol. ED-34, No. 10

Exhibit #	Reference Name
1018	File History of U.S. Patent Application No. 16/460,035 ("035 Application")
1019	Luque, A. et al., "Handbook of Photovoltaic Science and Engineering." Wiley (2003)
1020	Lindholm, F.A., et al., "Heavily Doped Polysilicon-Contact Solar Cells." July 1985, IEEE Electron Device Letters, Vol. EDL-6, No. 7
1021	Silvestre, S. et al., "Series Resistance in Double-Polysilicon-Contacted Silicon Solar Cells." May 13-17, 1996, IEEE 25th PVSC
1022	Duerinckx, F. et al., "Defect passivation of industrial multicrystalline solar cells based on PECVD silicon nitride." 2002, Elsevier, Solar Energy Materials & Solar Cells
1023	Ashburn, P. et al., "Comparison of Experimental and Theoretical Results on Polysilicon Emitter Bipolar Transistors." July 1984, IEEE Trans. on Electron Devices, Vol. ED-31, No. 7
1024	Declaration of Sylvia Hall-Ellis
1025	Curriculum Vitae of Sylvia Hall-Ellis
1026	June 21, 2022 Director Memo
1027	DocketNavigator Report
1028	Kass, D., "Fintiv Fails: PTAB Uses 'Remarkably Inaccurate' Trial Dates." (Fintiv study) https://www.law360.com/articles/1436071/print?section=ip
1029	Letter from Senator Thom Tillis to Andrew Hirshfeld, dated Nov. 2, 2021 (Senator Tillis Letter)
1030	Press Release, SunPower and Maxeon Solar Technologies Close Spin-Off Transaction, dated Aug. 27, 2020 https://newsroom.sunpower.com/2020-08-27-SunPower-and-Maxeon-Solar-Technologies-Close-Spin-Off-Transaction

Exhibit #	Reference Name
1031	Patent Assignment
1032	U.S. Patent No. 6,998,288 to Smith ("Smith288")
1033	SunPower Virtual Patent Marketing https://us.sunpower.com/solar-panels-technology/patents
1034	Patents | Maxeon Solar Technologies, Ltd. https://corp.maxeon.com/patents
1035	Press Release, SunPower and Maxeon Solar Technologies Close Spin-Off Transaction, dated Aug. 27, 2020 https://mediaroom.maxeon.com/2020-08-27-SunPower-and-Maxeon-Solar-Technologies-Close-Spin-Off-Transaction
1036	SunPower Maxeon Solar Panels https://sunpower.maxeon.com/int/solar-panel-products/maxeon-solar-panels
1037	Feldman, et al., "A Passivated Rear Contact for High-Efficiency n-Type Silicon Solar Cells Enabling High VocS and FF > 82%" at 1 (28th European PV Solar Energy Conference & Exhibition, Paris, Sept. 30 – Oct. 4, 2013) ("Feldman Paper").
1038	File History of U.S. Patent No. 8,878,053
1039	Green, M.A. et al., "High Efficiency N-Silicon Solar Cells Using Rear Junction Structures." IEEE (1993)
1040	Reserved
1041	Reserved
1042	Reserved
1043	OSTI Kwark Entry, https://www.osti.gov/biblio/5905985
1044	IEEE Xplore Kwark Entry, https://ieeexplore.ieee.org/document/1484603

Exhibit #	Reference Name
1045	U.S. Patent No. 5,661,079
1046	IEEE Xplore Gan Entry, https://ieeexplore.ieee.org/document/111625
1047	IEEE Xplore Lemiti Entry, https://ieeexplore.ieee.org/abstract/document/520203/references#citations
1048	M. Lemiti, B. Semmache, Q. N. Le, D. Barbier and A. Laugier, "Physical properties of RT-LPCVD and LPCVD polysilicon thin films: application to emitter solar cell," Proceedings of 1994 IEEE 1st World Conference on Photovoltaic Energy Conversion – WCPEC (A Joint Conference of PVSC, PVSEC ands PSEC), Waikoloa, HI, USA, 1994, pp. 1375-1378 vol.2.
1049	*Maxeon Solar PTE. Ltd. v. Canadian Solar, Inc.*, No. 2:24-cv-210 (E.D. Tex. July 12, 2024), Plaintiff Maxeon Solar PTE. Ltd.'s Disclosure of Asserted Claims and Infringement Contentions
1050	E.D. Tex. Patent Rule 3-6
1051	Reserved
1052	Reserved
1053	Reserved
1054	Reserved

1055	Reserved
1056	Reserved
1057	Reserved
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1060	Reserved
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1062 [NEW]	Merabet, A. et. al. "Dopant Redistribution During Rapid Thermal Annealing In A Self-Aligned Polysilicon Emitter Bipolar Structure Compatible With A Complementary Metal-Oxide-Semiconductor Technology," phys. stat. sol. (a) 145, 77-88 (1994)
1063 [NEW]	Kermani, A. et al., "Single-Wafer Rapid Thermal CVD Technology For Fabrication Of MOS And Bipolar Devices," in Proceedings Of The Third International Symposium On Ultra Large Scale Integration Science And Technology, 566-573 (1991)
1064 [NEW]	Petitdidier, S. et al., "Growth Mechanism And Characterization Of Chemical Oxide Films Produced In Peroxide Mixtures On Si(100) Surfaces," Thin Solid Films 476 (2005) 51-58
1065 [NEW]	Wolf, M. & Rauschenbach, H., "Series Resistance Effects On Solar Cell Measurements," Advanced Energy Conversion, Vol. 3, pp. 455-479 (1963)
1066 [NEW]	June 24, 2025 Deposition Transcript of Douglas S. Ruby, Ph.D.
1067 [NEW]	Supplemental Declaration of Sanjay Banerjee, Ph.D. in Support of Petitioner's Reply to Patent Owner's Response

Dated: July 1, 2025

Respectfully submitted,

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CERTIFICATE OF SERVICE

I hereby certify that on this 1st day of July, 2025, a copy of the foregoing and accompanying exhibits, has been served in its entirety by electronic mail on the following counsel of record for patent owner:

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