

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SEG MANUFACTURING INC., NEW ENERGY IMPORTS INC., SEG SOLAR
INC., PT. SEG SOLAR MANUFAKTUR INDONESIA, and SEG ENERGY
SINGAPORE PTE. LTD.

Petitioners,

v.

SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO.,
LTD. and ZHEJIANG JINKO SOLAR CO., LTD.

Patent Owners.

Case No. IPR2026-00230

U.S. Patent No. 11,824,136

PATENT OWNERS' UPDATED EXHIBIT LIST

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Exhibit No.	Description
2001	Non-Final Office Action mailed Aug. 19, 2025, in U.S. Patent Application No. 18/888,868.
2002	Non-Final Office Action mailed Apr. 10, 2024, in U.S. Patent Application No. 18/367,235.
2003	Non-Final Office Action mailed Nov. 13, 2023, in U.S. Patent Application No. 18/132,796.
2004	Non-Final Office Action mailed June 30, 2023, in U.S. Patent Application No. 18/071,430.
2005	Non-Final Office Action mailed May 12, 2023, in U.S. Patent Application No. 17/964,190.
2006	PDF printout of SunHub, “HJT Vs. TOPCon Solar Panels: Key Differences Explained,” https://www.sunhub.com/blog/hjt-vs-topcon-solar-panels-whats-the-difference/ .
2007	Order, Arc Medical Design Ltd. v. Medivators Inc., No. 4:21-CV-929, Dkt. 36 (S.D. Tex. June 24, 2021) (Bennett, J.).
2008	Order, Sandbox Logistics LLC v. Grit Energy Solutions LLC, No. 3:16-CV-012, Dkt. 147 (S.D. Tex. Feb. 23, 2018) (Hanks, J.).
2009	Joint Stipulation of Dismissal, Shanghai Jinko Green Energy Enterprise Management Co. v. Vietnam Sunergy Joint Stock Co., No. 3:24-cv-08828, Dkt. 81 (N.D. Cal.).
2010	JinkoSolar (U.S.) Industries Inc., “Jacksonville,” https://jinkosolar.us/jax .
2011	JinkoSolar Holding Co., Ltd., First Quarter 2024 Financial Results (Apr. 2024).

Exhibit No.	Description
2012	https://www.solarpowerworldonline.com/2022/09/seraphim-division-seg-solar-says-its-opening-a-2-gw-module-manufacturing-plant-in-houston/
2013	Declaration attaching complaint in RG19022089.
2014	Declaration of Dr. Miltiadis Hatalis in Support of Patent Owner's Preliminary Response.
2015	Choi et al., Structural evolution of tunneling oxide passivating contact upon thermal annealing, Sci. Rep. 7:12853 (2017).
2016	Glunz et al., Silicon-based passivating contacts: The TOPCon route, Prog. Photovolt. Res. Appl. 31:341-359 (2023).
2017	Tan, Boudreau & Reed, Anisotropic Etching of Silicon on {111} and Near {111} Planes, Sensors & Materials 13(5):303-313 (2001).
2018	Fields, Ahmad et al., The formation mechanism for printed silver-contacts for silicon solar cells, Nat. Commun. 7:11143 (2016).

Dated: May 26, 2026

Respectfully submitted,

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that a true copy of the foregoing Patent Owners' Updated Exhibit List and Exhibit 2013 pursuant to 37 C.F.R. § 42.8 have been served electronically via email on counsel for Petitioner at the following addresses:

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