

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GOOGLE LLC

Petitioner

v.

ECOFACITOR, INC.

(record) Patent Owner

IPR2022-00538
U.S. Patent No. 9,194,597

**PETITION FOR INTER PARTES REVIEW
UNDER 35 U.S.C. §§ 311-319 AND 37 C.F.R. § 42.100 ET. SEQ**

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TABLE OF EXHIBITS

Exhibit No.	Description
1001	U.S. Patent No. 9,194,597 (“ the 597 patent ”).
1002	Declaration of Rajendra Shah.
1003	C.V. of Rajendra Shah.
1004	U.S. Patent App. Pub. 2004/0117330 (“ Ehlers ’330 ”).
1005	U.S. Patent App. Pub. 2005/0040250 A1 (“ Wruck ”).
1006	Excerpt from <i>The Industrial Electronics Handbook</i> , Irwin, J.D. ed. CRC Press and IEEE Press, 1997, pp. 59-60.
1007	Horan, T, <i>Control Systems and Applications for HVAC/R</i> , Prentice-Hall, Inc., 1997.
1008	Levenhagen, J, <i>HVAC Control and Systems</i> , McGraw-Hill, Inc., 1993.
1009	File History of Application No. 14/082,675.
1010	U.S. Patent No. 8,751,186 B2 (“ the ’186 patent ”).
1011	<i>Exhibit number not used.</i>
1012	U.S. Patent No. 6,789,739 (“ Rosen ”).
1013	WO 2007/128783 A1 (“ McNulty ”).
1014	U.S. Pat. App. Pub. 2005/0171645 (“ Oswald ”).
1015	U.S. Patent No. 5,943,544 (“ Charles ”).
1016	U.S. Patent No. 6,029,092 (“ Stein ”).
1017	ITC Inv. No. 337-TA-1185, Public Version of April 20, 2021 Initial Determination

1018	<i>Google, LLC f/k/a Google Inc. v. EcoFactor, Inc.</i> , 4-21-cv-03220 (N.D. Cal.), Answer (July 13, 2021).
1019	<i>Google, LLC f/k/a Google Inc. v. EcoFactor, Inc.</i> , 4-21-cv-03220 (N.D. Cal.), Scheduling Order (August 11, 2021).
1020	<i>Security People, Inc. v. Ojmar US, LLC</i> , 14-cv-04968-HSG (N.D. Cal.), Order (May 29, 2015).

Patent No. 9,194,597

Petitioner respectfully requests *inter partes* review under 35 U.S.C. § 311 of claims 1-24 of U.S. Pat. No. 9,194,597 (“the ’597 patent”).

NOTICE OF LEAD AND BACKUP COUNSEL

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NOTICE OF THE REAL-PARTIES-IN-INTEREST

The real-party-in-interest for this petition is Google LLC (“Google”).

NOTICE OF RELATED MATTERS

The ’597 patent has been asserted in the following litigations:

EcoFactor, Inc. v. ecobee, Inc., 6-21-cv-00428 (W.D. Tex. April 28, 2021);

Google, LLC f/k/a Google Inc. v. EcoFactor, Inc., 4-21-cv-03220 (N.D. Cal. April 30, 2021).

NOTICE OF SERVICE INFORMATION

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