UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GOOGLE LLC,
Petitioner

v.

ECOFACTOR, INC.,
Patent Owner

IPR2021-00054
Patent No. 10,534,382

DECLARATION OF JOHN A. PALMER, Ph.D. PURSUANT TO 37 C.F.R. § 1.68

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VIII. GROUND 1: 29

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1. No Processor in Geadelmann Performs All of the Functions Recited in Claims 1 and 17 31

2. The Memory is Not Located Remotely From the First Processor 33

3. Petitioner Does Not Demonstrate that Claim Elements [1e] and [1m] Is Met 39

B. Claims 2-16 and 18-20 Are Also Not Unpatentable 43

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Exhibits

Exhibit No.	Description
2001	Scheduling Order in *EcoFactor, Inc. v. Google LLC,* W.D. Tex. Case No. 20-cv-00075-ADA (July 16, 2020).
2002	Google's W.D. Tex. Invalidity Contentions Ex. A-27
2003	Google's W.D. Tex. Invalidity Contentions Ex. B-25
2004	Google's W.D. Tex. Invalidity Contentions Ex. B-26
2005	Google's W.D. Tex. Invalidity Contentions Ex. B-27
2006	Google's W.D. Tex. Invalidity Contentions Ex. B-29
2007	Google's W.D. Tex. Invalidity Contentions Ex. B-30
2008	Google's W.D. Tex. Invalidity Contentions Ex. B-32
2009	Google's W.D. Tex. Invalidity Contentions Ex. B-33
2010	Google's W.D. Tex. Invalidity Contentions Ex. B-34
2011	Google's W.D. Tex. Invalidity Contentions Ex. B-36
2012	Order Denying Google's Motion to Transfer in *EcoFactor, Inc. v. Google LLC*, Case No. 6:20-cv-00075-ADA (W.D. Tex. 2020).
2013	Expert Declaration of John A. Palmer
2014	Curriculum Vitae of John A. Palmer
2015	Rough Transcript of the Deposition of Rajendra Shah (August 11, 2021)

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I. BACKGROUND

1. I have been retained as an expert in this case by EcoFactor, Inc. ("EcoFactor"). I have been asked to consider and opine on issues of validity regarding U.S. Patent No. 10,534,382 ("'382 Patent"). More specifically, my opinions focus on the Petition for *Inter Partes* Review ("IPR") on the '382 Patent, along with the expert declaration of Rajendra Shah and all other materials referenced or cited in the IPR or Mr. Shah's declaration.

2. In forming my opinions, I have reviewed, considered, and had access to the patent specifications and claims, their prosecution histories, the proposed claim constructions, the Petition, the Shah declaration, and documents cited in the Petition and the Shah declaration. I have also relied on my professional and academic experience. I reserve the right to consider additional materials as I become aware of them and to revise my opinions accordingly.

II. QUALIFICATIONS

3. My qualifications for forming the opinions set forth in this Declaration are summarized here and explained in more detail in my curriculum vitae, which is attached as Exhibit 2014.

4. As indicated therein, I have a Bachelor of Science degree in Electrical Engineering with a power option from Brigham Young University (1991), and Masters (1992) and Doctoral (1996) degrees in Electric Power Engineering from Rensselaer

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