

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner

v.

COREPHOTONICS LTD.,
Patent Owner

U.S. Patent No. 10,015,408

DECLARATION OF JOSÉ SASIÁN, PH.D.
UNDER 37 C.F.R. § 1.68 IN SUPPORT OF PETITION
FOR INTER PARTES REVIEW

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I. INTRODUCTION

1. I, José Sasián, have been retained by counsel for Apple Inc. (“Apple” or “Petitioner”) as a technical expert in connection with the proceeding identified above. I submit this declaration in support of Apple’s Petition for *Inter Partes* Review of U.S. Patent No. 10,015,408 (“the ’408 Patent”).

2. Compensation for my work in this matter is based on an hourly rate. In addition, reasonable and customary expenses associated with my work and testimony in this matter are reimbursed. This compensation is not contingent on the outcome of this matter, nor is it contingent on the specifics of my testimony. I have no personal or financial stake, nor any interest in the outcome of the present proceeding.

3. In the preparation of this declaration, I have studied:

- (1) The ’408 Patent, APPL-1001;
- (2) The prosecution file history of the ’408 Patent (’853 App), APPL-1002;
- (3) U.S. Patent Application Publication No. 2012/0026366 to Golan, et al. (“Golan”), APPL-1005;
- (4) Warren J. Smith, MODERN LENS DESIGN (1992) (“Smith”), APPL-1006;

- (5) JP Patent Application Publication No. S58-62609 to Kawamura (“Kawamura”), Certified English translation and Original, APPL-1007;
- (6) U.S. Patent No. 7,777,972 to Chen et al. (“Chen”), APPL-1008;
- (7) ZEMAX Development Corporation, ZEMAX Optical Design Program User’s Manual, February 14, 2011 (“ZEMAX User’s Manual”), APPL-1009;
- (8) U.S. Patent No. 7,990,422 to Ahiska et al. (“Ahiska”), APPL-1010;
- (9) U.S. Patent App. Pub. No. US20120314296 to Shabtay et al. (“Shabtay 296”), APPL-1011;
- (10) U.S. Patent No. 8,553,106 to Scarff (“Scarff”), APPL-1012;
- (11) Japanese Patent Pub. No. JP2013106289 to Konno et al. (“Konno Japanese”), APPL-1014;
- (12) Japanese Patent Pub. No. JP2013106289 to Konno et al., Certified English translation (“Konno”), APPL-1015;
- (13) Jacobson et al., The Manual of Photography – Photographic and Digital Imaging, 2000 (“Jacobson”), APPL-1016.

4. In forming the opinions expressed below, I have considered:

- (1) The documents listed above;
- (2) References on the face of the ’408 Patent, including:
 - a. U.S. Patent Application Pub. No. 2017/0276911 to Huang;

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