

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.,  
Petitioner,

v.

COREPHOTONICS, LTD.,  
Patent Owner

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*Inter partes* review of  
U.S. Patent No. 10,225,479

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**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. 10,225,479 (“the ’479 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 reviewed:

- (1) APPL-1001: The ’479 Patent;
- (2) APPL-1005: U.S. Patent No. 7,859,588 to Parulski et al. (“Parulski”);
- (3) APPL-1012: JPS5862609A to Kawamura (“Kawamura”);
- (4) APPL-1015: JP Pub. No. 2013-106289 to Konno et al. (“Konno”),  
Certified English translation and Original;
- (5) APPL-1018: U.S. Patent No. 7,206,136 to Labaziewicz et al.  
 (“Labaziewicz”);

- (6) APPL-1020: Warren J. Smith, MODERN LENS DESIGN (1992) (“Smith”);
- (7) APPL-1022: ZEMAX Development Corporation, ZEMAX Optical Design Program User’s Manual, February 14, 2011 (“ZEMAX User’s Manual”);
- (8) APPL-1026: U.S. Patent No. 5,546,236 to Ogata et al. (“Ogata”);
- (9) APPL-1029: Specification sheet for Sony ICX629 image sensor (“ICX629”);
- (10) APPL-1030: Specification sheet for Sony ICX624 image sensor (“ICX624”);
- (11) APPL-1035: Robert E. Fischer et al., OPTICAL SYSTEM DESIGN (2008), (“Fischer”).

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

- (1) The documents listed above;
- (2) References on the face of the ’479 Patent;
- (3) Any additional documents discussed below; and
- (4) My own knowledge and experience based upon my work in the fields

of imaging systems as described below.

## II. QUALIFICATIONS

5. My complete qualifications and professional experience are described

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