

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY,
LIMITED

Petitioner

v.

GODO KAISHA IP BRIDGE 1

Patent Owner

Case IPR2016-01247/2016-01246
U.S. Patent No. 7,126,174

Palo Alto, California

June 30, 2017

CROSS-EXAMINATION

ALEXANDER D. GLEW, Ph.D., P.E.

Henderson Legal Services, Inc.

202-220-4158

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1 Cross-Examination of ALEXANDER D. GLEW, Ph.D.,
2 P.E., a witness herein, called for examination
3 by counsel for Petitioner in the above-entitled
4 matter, pursuant to notice, the witness being
5 duly sworn by MARY HOGAN, CSR, a Certified
6 Shorthand Reporter in and for the State of
7 California, taken at the offices of Ropes &
8 Gray, 1900 University Avenue, 6th Floor, East
9 Palo Alto, California, commencing at 8:54 a.m.

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1 APPEARANCES:

2 On behalf of the Patent Owner:

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1 C O N T E N T S

2

3 ALEXANDER D. GLEW, PH.D. EXAMINATION

4 By Mr. Jiron 5

5

6

7 E X H I B I T S

8 **Exhibits previously marked

9 IP BRIDGE EXHIBIT NO. 2009 68

10 Declaration of

11 Alexander D. Glew, Ph.D., P.E.

12 TSMC EXHIBIT NO. 1001 94

13 696 Patent

14

15 **Exhibits marked

16 GLEW EXHIBIT 1 86

17 Layer Etching Pattern Sketch

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1 P R O C E E D I N G S

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3 Whereupon, ALEXANDER D. GLEW, PH.D.,
4 P.E., was called as a witness by counsel for
5 Petitioners, and having been duly sworn, was
6 examined and testified as follows:

7

8 CROSS-EXAMINATION

9 BY MR. JIRON:

10 Q Good morning, Dr. Glew.

11 A **Good morning.**

12 Q Could you state your full name and
13 address for the record, please?

14 A **Yes. Work or home address?**

15 Q Work address.

16 A **Okay. Alexander David Glew, 240
17 Pamela Drive, Mountain View, California 94040.**

18 Q You understand you are under oath
19 today, correct?

20 A **Yes.**

21 Q That means you must testify
22 truthfully as if you were in front of a judge or

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