

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

www.hendersonlegalservices.com

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.

10
11
12
13
14
15
16
17
18
19
20
21
22

1 APPEARANCES:

2 On behalf of the Patent Owner:

3 JAMES L. DAVIS, ESQUIRE
4 Ropes & Gray, LLP
5 1900 University Avenue, 6th Floor
6 East Palo Alto, California 94303
7 (650) 617-4794
8 james.l.davis@ropesgray.com

9 On behalf of the Petitioner

10 DARREN M. JIRON, ESQUIRE
11 Finnegan, Henderson, Farabow, Garrett &
12 Dunner, LLP
13 Two Freedom Square
14 11955 Freedom Drive
15 Reston, Virginia 20190-5675
16 (571)203-2700
17 darren.jiron@finnegan.com

-and-

18 J. PRESTON LONG, Ph.D., ESQUIRE
19 Finnegan, Henderson, Farabow, Garrett &
20 Dunner, LLP
21 901 New York Avenue, N.W.
22 Washington, D.C.
(202) 408-4000
jp.long@finnegan.com

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

18

19

20

21

22

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

2

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

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.