

EXHIBIT 2004

1 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
 BEFORE THE PATENT TRIAL AND APPEAL BOARD

2 _____
3 TAIWAN SEMICONDUCTOR
 MANUFACTURING COMPANY, LTD.

4 AND TSMC NORTH AMERICA CORP., Case Nos.
 IPR2014-00828
5 Petitioners, IPR2014-00856
 IPR2014-01070
6 -vs- IPR2014-01022
7 ZOND, LLC,
8 Patent Owner.

9 _____

10
11 VIDEOTAPED DEPOSITION of DR. UWE KORTSHAGEN
12 Minneapolis, Minnesota
13 January 16th, 2015

14
15
16
17
18
19
20
21
22
23 Reported by:
24 Amy L. Larson, RPR
25 Job No. 89385

1 APPEARANCES:

2 RADULESCU
3 350 Fifth Avenue
4 New York, NY 10118
5 By: Tigran Vardanian, Esq.
6 For: Zond, LLC

7 DUANE MORRIS
8 100 High Street
9 Boston, Massachusetts 02110
10 By: Anthony Fitzpatrick, Esq.
11 For: Taiwan Semiconductor Manufacturing
12 Company Limited and
13 TSMC North America

14 HAYNES AND BOONE
15 2323 Victory Avenue
16 Dallas, Texas 75219
17 By: David McCombs, Esq.
18 For: Taiwan Semiconductor Manufacturing
19 Company Limited and
20 TSMC North America

21 HAYNES AND BOONE
22 2505 N. Plano Road
23 Richardson, Texas 75082
24 By: Gregory Huh, Esq.
25 For: Taiwan Semiconductor Manufacturing
Company Limited and
TSMC North America

WHITE & CASE
701 Thirteenth Street N.W.
Washington, D.C. 20005
By: David Tennant, Esq.
For: Global Foundries

1 APPEARANCES: (CONT'D.)

2 WHITE & CASE

3000 El Camino Real

3 5 Palo Alto Square

Palo Alto, California 94306

4 By: Brett Rismiller, Esq.

For: Global Foundries

5
6
7 FOLEY & LARDNER

Washington Harbour

8 3000 K Street, N.W.

Washington, D.C. 20007

9 By: John J. Feldhaus, Esq. (via telephone)

10
11
12 BAKER BOTTS

One Shell Plaza

13 910 Louisiana Street

Houston, Texas 77002

14 By: Robinson Vu, Esq. (via telephone)

For: Toshiba

15
16
17
18 ALSO PRESENT: Dean Hibben, Videographer

1	INDEX:	
2	EXAMINATION BY:	PAGE
3	Mr. Vardanian.....	7
4	PREVIOUSLY MARKED EXHIBITS:	
5	Exhibit Intel 1002	
6	Declaration of Uwe Kortshagen, Ph.D.	
7	regarding Claims 1-4, 10-15, 17-18, 24-27,	
8	and 29 of U.S. Patent No. 6,805,779	
9	Exhibit Intel 1102	
10	Declaration of Uwe Kortshagen, Ph.D.	
11	regarding Claims 5, 6, 8, 19, 22, 23, and 43	
12	of U.S. Patent No. 6,805,779	
13	Exhibit TSMC 1201	
14	U.S. Patent No. 6,805,779 B2	
15	Exhibit TSMC 1202	
16	Declaration of Uwe Kortshagen, Ph.D.	
17	regarding Claims 30-40 of	
18	U.S. Patent No. 6,805,779	
19	Exhibit TSMC 1207	
20	U.S. Patent No. 5,753,886	
21	Exhibit TSMC 1214	
22	International Application Published	
23	Under the Patent Cooperation Treaty	
24	Publication No. WO 83/01349	
25	Publication Date 14 April 1983	
26	Exhibit TSMC 1302	
27	Declaration of Uwe Kortshagen, Ph.D.	
28	regarding Claims 16, 28, 41, 42, 45 and 46	
29	of U.S. Patent No. 6,805,779	
30	Exhibit TSMC 1402	
31	Declaration of Uwe Kortshagen, Ph.D.	
32	regarding Claims 7, 9, 20, 21, 38 and 44	
33	of U.S. Patent No. 6,805,779	
34	Exhibit TSMC 1413	
35	European Patent Application	
36	No. 84850295.1	
37	Date of filing 4/10/84	

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.