

# Exhibit 2010

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

3 TAIWAN SEMICONDUCTOR  
4 MANUFACTURING COMPANY, LTD.

5 AND TSMC NORTH AMERICA CORP., Case Nos.

IPR2014-00781

6 Petitioners, IPR2014-00782

IPR2014-01083

7 -vs- IPR2014-01086

IPR2014-01087

8 ZOND, LLC,

Patent Owner.

9  
10  
11 VIDEOTAPED DEPOSITION of DR. UWE KORTSHAGEN

12 VOLUME I

13 Minneapolis, Minnesota

14 December 3rd, 2014

15  
16  
17  
18  
19  
20  
21  
22  
23  
24 Reported by:

Amy L. Larson, RPR

25 Job No. 87857

## 1 APPEARANCES:

2 RADULESCU  
3 350 Fifth Avenue  
4 New York, New York 10118  
5 By: Etai Lahav, Esq.  
6 Maria Granovsky, Esq.  
7 For: Zond, LLC

8 GONSALVES LAW FIRM  
9 2216 Beacon Lane  
10 Falls Church, Virginia 22043  
11 By: Gregory Gonsalves, Esq.  
12 For: Zond, LLC

13 DUANE MORRIS  
14 100 High Street  
15 Boston, Massachusetts 02110  
16 By: Anthony Fitzpatrick, Esq.  
17 For: Taiwan Semiconductor Manufacturing  
18 Company Limited and  
19 TSMC North America

20 HAYNES AND BOONE  
21 2323 Victory Avenue  
22 Dallas, Texas 75219  
23 By: David McCombs, Esq.  
24 By: Gregory Huh, Esq.  
25 For: Taiwan Semiconductor Manufacturing  
Company Limited and  
TSMC North America

///

1 APPEARANCES: (CONT'D.)

2 WHITE & CASE

701 Thirteenth Street, N.W.

3 Washington, D.C. 20005

By: David Tennant, Esq.

4 By: Brett Rismiller, Esq.

For: Global Foundries

5  
6  
7  
8  
9  
10 O'MELVENY & MYERS

11 400 South Hope Street

Los Angeles, California 90071

12 By: Vincent Zhou, Esq. (By telephone)

For: Advanced Micro Devices

13  
14 FOLEY & LARDNER

15 321 North Clark Street

Chicago, Illinois 60654

16 By: Michael Houston, Esq. (By telephone)

For: Renesas Electronics Corporation and  
17 Renesas Electronics America, Inc.

18  
19 BAKER BOTTS

One Shell Plaza

20 910 Louisiana Street

Houston, Texas 77002

21 By: Michael Silliman, Esq.

For: Toshiba

22  
23  
24 ALSO PRESENT: Dean Hibben, Videographer

25

1	INDEX:	
2	EXAMINATION BY:	PAGE
3	Mr. Lahav.....	9
4	EXHIBITS MARKED FOR IDENTIFICATION:	
5	Exhibit 2004.....	95
	U.S. Patent No. 6,398,929 B1	
6	No Bates	
7	PREVIOUSLY MARKED EXHIBITS:	
8	Exhibit TSMC 1001	
	U.S. Patent No. 6,853,142 B2	
9	No Bates	
10	Exhibit INTEL 1002	
	Kortshagen Declaration - '759 Patent	
11	No Bates	
12	Exhibit TSMC 1003	
	High-Current Low-Pressure Quasi-Stationary	
13	Discharge in a Magnetic Field	
	Experimental Research	
14	No Bates	
15	Exhibit TSMC 1004	
	U.S. Patent No. 6,190,512 B1	
16	No Bates	
17	Exhibit TSMC 1201	
	U.S. Patent No. 7,147,759 B2	
18	No Bates	
19	Exhibit TSMC 1202	
	Kortshagen Declaration - '142 Patent	
20	No Bates	
21	Exhibit TSMC 1204	
	Ionization Relaxation in a plasma produced	
22	by a pulsed inert-gas discharge	
	No Bates	
23		
	Exhibit TSMC 1205	
24	U.S. Patent 6,413,382 B1	
	No Bates	
25		

# 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.