

1 UNITED STATES PATENT AND TRADEMARK OFFICE  
2 BEFORE THE PATENT TRIAL AND APPEAL BOARD  
3 CASES IPR 2018-01152; -01153; -01154; -1240  
4 U. S. PATENT NO. 8, 698, 558

5  
6 INTEL CORPORATION,  
7 Petitioner,  
8 vs.  
9 QUALCOMM INCORPORATED,  
10 Patent Owner  
11

12  
13 DEPOSITION OF ALYSSA B. APSEL, Ph.D.  
14 March 6, 2019  
15 New York, New York

16  
17 TRANSCRIPT of the stenographic notes of  
18 the deposition of ALYSSA B. APSEL, Ph.D., in the  
19 above-entitled matter, as taken by and before  
20 LORRAINE B. ABATE, a Certified Shorthand Reporter and  
21 Notary Public of the State of New York and Registered  
22 Professional Reporter, held at the offices of Wilmer  
23 Cutler Pickering Hale and Dorr LLP, 7 World Trade  
24 Center, New York, New York, on March 6, 2019,  
25 commencing at 9:30 a.m., pursuant to Notice.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

A P P E A R A N C E S:

WILMER CUTLER PICKERING HALE and DORR LLP

Attorneys for the Plaintiff

60 State Street

Boston, Massachusetts 02109

BY: LOUIS W. TOMPROS, ESQ.

(617)526-6886

louis.tompros@wilmerhale.com

-and-

WILMER CUTLER PICKERING HALE and DORR, LLP

7 World Trade Center

New York, New York 10007

BY: THEODOROS KONSTANTAKOPOULOS, ESQ.

(212) 295-6367

theodoros.konstantakopoulos@wilmerhale.com

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

A P P E A R A N C E S (CONTINUED):

JONES DAY

Attorneys for the Defendant

North Point - 901 Lakeside Avenue

Cleveland, Ohio 44114-1190

BY: JOSEPH M. SAUER, ESQ.

(216)586-3939

jmsauer@jonesday.com

-and-

JONES DAY

500 Grant Street - Suite 4500

Pittsburgh, Pennsylvania 15219-2514

BY: JOSHUA R. NIGHTINGALE, ESQ.

jrnighingdale@jonesday.com

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

I N D E X

WITNESS: Alyssa B. Apse, Ph.D

EXAMINATION BY	PAGE
Mr. Sauer	5

\*\*\*\*\*

E X H I B I T S  
( NONE MARKED )

\*\*\*\*\*

1 ALYSSA B. APSEL, Ph.D.

2 A L Y S S A B. A P S E L, Ph.D.,

3 Having been first duly sworn by a Notary

4 Public of the State of New York, was

5 examined and testified as follows:

6 EXAMINATION BY MR. SAUER:

7 Q. Hi, Professor. You understand that  
8 you're under oath this morning?

9 A. I do.

10 Q. Is there any reason you can't testify  
11 truthfully today?

12 A. No.

13 Q. And you've been deposed before?

14 A. Yes.

15 Q. So you know the drill. Just a couple of  
16 preliminaries. I'm going to try to ask clear  
17 questions.

18 If I ask a question that you don't  
19 understand or isn't clear, if you could just let me  
20 know. I'll try to make it better.

21 For the court reporter's sake, we need  
22 to try to not talk over one another. And if we need  
23 to take a break, just let me know. We can take a  
24 break at any time. The only thing I'll ask is if we  
25 are in the middle of a question, that you finish your

# 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.