

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.

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I N D E X

WITNESS: Alyssa B. Apse, Ph.D

EXAMINATION BY	PAGE
Mr. Sauer	5

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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

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