

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

3	APPLE, INC.,	§	Case IPR2016-01114
		§	Patent No. 7,777,753
4	Petitioner,	§	
		§	- and -
5	V.	§	
		§	Case IPR2016-01135
6	PARTHENON UNIFIED MEMORY	§	Patent No. 5,812,789
	ARCHITECTURE, LLC,	§	
		§	
7	Patent Owner.	§	

8
9 ORAL DEPOSITION OF
10 MITCHELL A. THORNTON, PH.D., P.E.
11 MAY 22, 2017

12 ORAL DEPOSITION OF MITCHELL A. THORNTON,
13 PH.D., P.E., produced as a witness at the instance
14 of the Petitioner and duly sworn, was taken in the
15 above styled and numbered cause on Monday,
16 May 22, 2017, from 2:03 p.m. to 5:04 p.m., before
17 Tamara Chapman, CSR, RPR, CCR (LA) in and for the
18 State of Texas, reported by computerized stenotype
19 machine, at the offices of Ahmad, Zavitsanos,
20 Anaipakos, Alavi & Mensing, P.C., 1221 McKinney
21 Street, Suite 2500, Houston, Texas 77010, pursuant
22 to the Federal Rules of Civil Procedure and any
23 provisions stated on the record herein.
24

25 Job No. 124560

A P P E A R A N C E S

1
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I N D E X

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MITCHELL THORNTON, PH.D., P.E.

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Exhibit 1001, U.S. Patent 5,812,789 (No Bates - 13 pages)	64	15
Exhibit 1003, Declaration of Robert Colwell, Ph.D. (No Bates - 85 pages)	79	11
Exhibit 1005, U.S. Patent 5,546,547 (No Bates - 25 pages)	31	16
Exhibit 1006, TMS320C8x System-Level Synopsis (No Bates - 75 pages)	82	16
Exhibit 1007, U.S. Patent 5,001,625 (No Bates - 51 pages)	83	24
Exhibit 1011, U.S. Patent 5,787,264 (No Bates - 21 pages)	55	22
Exhibit 2009, Declaration of Mitchell A. Thornton, Ph.D., P.E. regarding Patent 7,777,753 (No Bates - 43 pages)	5	15
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1 M. THORNTON - 5/22/17

2 MITCHELL THORNTON, PH.D., P.E.,
3 having been first duly sworn, testified as
4 follows:

5 EXAMINATION

6 BY MR. ALBERTI:

7 Q. Good afternoon, Dr. Thornton. Could you
8 please state your full name for the record.

9 A. Mitchell Aaron Thornton.

10 Q. Are you acting as an expert witness for
11 PUMA in the two IPRs, IPR 2016-01114 and
12 IPR 2016-01135?

13 A. I think those numbers are correct, if
14 those pertain to the '753 and '789 patent.

15 Q. That's correct. We'll start with the '753
16 patent and we'll ask questions about that IPR, the
17 1114, and then we'll turn to the '789, which is the
18 1135, if that's okay.

19 A. Sure.

20 Q. Did you provide a declaration with respect
21 to those two IPRs?

22 A. I did.

23 Q. Two separate declarations, one for the
24 '753 patent, and one for the '789 patent. Is that
25 right?

1 M. THORNTON - 5/22/17

2 A. Correct.

3 Q. And you're prepared to discuss your
4 opinions with respect to both of those today?

5 A. Correct.

6 Q. Is there anything else that you believe
7 you needed to do before today to be fully prepared to
8 testify about those opinions?

9 A. No.

10 Q. Okay. We'll start with the '753, which is
11 the -01114 IPR. I'm going to repurpose some exhibit
12 numbers here which will correspond to the exhibit
13 numbers in that IPR.

14 What I'd first like to do is show you
15 Exhibit 2009, if you could take a look at that and
16 confirm that is a declaration that you provided in
17 the -1114 IPR.

18 A. (Reviewing document.)

19 It appears to be, yes.

20 Q. Did you read this declaration in
21 preparation for today?

22 A. Yes.

23 Q. Are the opinions contained in this
24 declaration complete and accurate with respect to the
25 '753 patent in this IPR?

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