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

APPLE INC.,)	
)	
Petitioner,)	Case No.
)	IPR2020-00686
vs.)	
)	U. S. Patent No.
PARUS HOLDINGS, INC.,)	7,076,431
)	
Patent Owner.)	

VIRTUAL DEPOSITION OF
LOREN TERVEEN, Ph.D.
DECEMBER 16, 2020

The virtual deposition of LOREN TERVEEN,
Ph.D., called by the Patent Owner for examination,
pursuant to stipulation, and pursuant to the
applicable rules of procedure, taken
stenographically by Sandra L. Rocca, CSR, RPR, RMR,
CRR, on the 16th of December, 2020, at the hour of
9:00 a.m. CST
Certification No. 084-003435



1 APPEARANCES: (All parties appeared remotely.)

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I N D E X

WITNESS	PAGE
LOREN TERVEEN, Ph. D.	
EXAMINED BY	
Mr. McNamara	4

* * * * *

E X H I B I T S

NUMBER		MARKED FOR ID
Exhibit 3	U. S. Patent No. 6,269,366	38
Exhibit 4	L. Terveen article	120
Exhibit 1001	U. S. Patent No. 7,076,431 (also referred to as Exhibit 2)	10
Exhibit 1003	L. Terveen declaration (also referred to as Exhibit 1)	7
Exhibit 1029	L. Terveen CV	60

* * * * *

1 LOREN TERVEEN, Ph.D.,
2 having been first duly sworn, was examined and
3 testified as follows:

08:57:06 4 EXAMINATION

08:57:06 5 BY MR. McNAMARA:

09:00:13 6 Q Good morning, sir. Can you please state
09:00:16 7 your name and address for the record?

09:00:17 8 A Yes, Loren Terveen. And my address is 3829
09:00:25 9 Vincent Avenue South, in Minneapolis, Minnesota, and
09:00:28 10 the zip is 55410.

09:00:31 11 Q I believe you've had your deposition taken
09:00:35 12 before today, is that right?

09:00:37 13 A Yes, I have.

09:00:39 14 Q And how many -- about how many times have
09:00:42 15 you had your deposition taken?

09:00:44 16 A I think five, yeah.

09:00:50 17 Q And have those depositions been taken as an
09:00:53 18 expert witness in patent cases and other types of
09:00:57 19 cases?

09:00:57 20 A Yes, in patent cases.

09:00:59 21 Q And so you're familiar with the drill of a
09:01:03 22 deposition, right?

09:01:04 23 A Yes.

09:01:05 24 Q All right. And so just to go over, you
09:01:11 25 know, the basics just so there's no

09:01:13 1 misunderstanding, throughout the day I'll ask you a
09:01:17 2 series of questions. And you know, after you have a
09:01:22 3 chance to think about those questions, I'd ask that
09:01:24 4 you answer those questions orally.

09:01:26 5 Can you do that for me?

09:01:27 6 A Yes, I can.

09:01:28 7 Q The only exception to that is if your
09:01:31 8 counsel, Ms. Bailey, instructs you not to answer, I
09:01:36 9 ask you to, you know, heed her instruction. Is that
09:01:40 10 all right?

09:01:40 11 A Sure.

09:01:41 12 Q If there's anything in my questions that are
09:01:44 13 -- that is confusing or open to interpretation,
09:01:47 14 please let me know so I can clarify the question.
09:01:51 15 But if you answer it, I'll think that you've
09:01:54 16 understood it.

09:01:55 17 Does that make sense?

09:01:56 18 A It does.

09:01:57 19 Q Okay. All right. Now, you've been retained
09:02:03 20 as an expert by Apple for purposes of analyzing the
09:02:08 21 '431 and '084 patents in the set of IPRs, right?

09:02:14 22 A Yes, that's correct.

09:02:16 23 Q And the '431 and the '804 patents are
09:02:22 24 patents that are assigned to Parus. And you
09:02:25 25 understand the moniker that I'm using, the '431 and

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