

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

APPLE, INC. )  
 )  
 Petitioner )  
 )  
 v. ) Case IPR2019-00358  
 ) Patent No. 5,796,183  
UUSI, LLC d/b/a NARTRON, )  
 )  
 Patent Owner. )  
\_\_\_\_\_ )

VOLUME I

ORAL DEPOSITION OF  
DARRAN R. CAIRNS, Ph.D.

DECEMBER 18, 2019

ORAL DEPOSITION OF DARRAN R. CAIRNS, Ph.D.,  
produced as a witness at the instance of the Petitioner,  
and duly sworn, was taken in the above-styled and  
numbered cause on the 18th of December, 2019, from 9:40  
a.m. to 12:03 p.m., before Caroline Massa, RPR, CSR in  
and for the State of Texas, reported by machine  
shorthand, at the law offices of Fish & Richardson,  
P.C., 1717 Main Street, Suite 5000, Dallas, Texas,  
pursuant to the Code of Federal Regulations and the  
provisions stated on the record or attached hereto.

 THE SULLIVAN GROUP  
OF COURT REPORTERS  
SULLIVANCOURTREPORTERS.COM  
PHONE 855.525.3860 | 323.938.8750

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

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

APPLE, INC. )  
 )  
 Petitioner )  
 )  
 v. ) Case IPR2019-00358  
 ) Patent No. 5,796,183  
 UUSI, LLC d/b/a NARTRON, )  
 )  
 Patent Owner. )  
 \_\_\_\_\_ )

VOLUME I  
ORAL DEPOSITION OF  
DARRAN R. CAIRNS, Ph.D.  
DECEMBER 18, 2019

ORAL DEPOSITION OF DARRAN R. CAIRNS, Ph.D.,  
produced as a witness at the instance of the Petitioner,  
and duly sworn, was taken in the above-styled and  
numbered cause on the 18th of December, 2019, from 9:40  
a.m. to 12:03 p.m., before Caroline Massa, RPR, CSR in  
and for the State of Texas, reported by machine  
shorthand, at the law offices of Fish & Richardson,  
P.C., 1717 Main Street, Suite 5000, Dallas, Texas,  
pursuant to the Code of Federal Regulations and the  
provisions stated on the record or attached hereto.

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

FOR THE PETITIONER:

Mr. Daniel D. Smith  
FISH & RICHARDSON, P.C.  
1717 Main Street  
Suite 5000  
Dallas, Texas 75201  
Phone: (214) 292-4071  
Email: dsmith@fr.com

AND

Mr. Ryan Chowdhury (Via Telephone)  
FISH & RICHARDSON, P.C.  
1000 Maine Avenue Southwest  
Washington, D.C. 20024  
Phone: (202) 638-6554  
Email: rchowdhury@fr.com

FOR THE RESPONDENT:

Mr. Lawrence M. Hadley  
GLASER WEIL  
10250 Constellation Boulevard  
19th Floor  
Los Angeles, California 90067  
Phone: (310) 282-6235  
Email: lhadley@glaserweil.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

INDEX

PAGE

Appearances..... 2  
Stipulations..... 4  
DARRAN R. CAIRNS, Ph.D.  
    Examination by Mr. Smith..... 4  
Signature and Changes..... 50/51  
Reporter's Certificate..... 52

EXHIBITS

(No exhibits were marked.)

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

P R O C E E D I N G S

THE REPORTER: Any stipulations or agreements today?

MR. SMITH: No, I don't think so.

DARRAN R. CAIRNS, Ph.D.,  
having been first duly sworn, testified as follows:

EXAMINATION

BY MR. SMITH:

Q. Good morning, Dr. Cairns.

A. Good morning.

Q. Could you state your full name and -- your full name and spell it for the record?

A. Yep. It's Darran, D-A-R-R-A-N, and then my middle name is Robert, R-O-B-E-R-T. And then my last name is Cairns. That's C-A-I-R-N-S.

Q. Okay. Do you understand we're here to take your deposition today?

A. I do.

Q. Have you been deposed before?

A. Yes.

Q. How many times, roughly?

A. Somewhere -- yeah. Maybe it's close to ten times now.

Q. And when was the last time you were deposed?

A. I was deposed earlier this year, maybe around

# 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.