

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.

FIRSTFACE CO., LTD.,  
Patent Owner.

\_\_\_\_\_  
Case IPR2019-00613, IPR2019-01011  
U.S. Patent No. 9,633,373  
Case IPR 2019-00614, 2019-01012  
U.S. Patent 9,779,419

DEPOSITION OF BENJAMIN B. BEDERSON, Ph.D.  
East Palo Alto, California  
Thursday, November 7, 2019

Reported by:  
Natalie Y. Botelho  
CSR No. 9897  
Job No. 3581176

1 UNITED STATES PATENT AND TRADEMARK OFFICE

2 \_\_\_\_\_  
3 BEFORE THE PATENT TRIAL AND APPEAL BOARD

4 \_\_\_\_\_  
5 APPLE INC.,

6 Petitioner,

7 v.

8 FIRSTFACE CO., LTD.,

9 Patent Owner.

10 \_\_\_\_\_  
11 Case IPR2019-00613, IPR2019-01011

12 U.S. Patent No. 9,633,373

13 Case IPR 2019-00614, 2019-01012

14 U.S. Patent 9,779,419

15  
16  
17 Deposition of BENJAMIN B. BEDERSON, taken on  
18 behalf of the Patent Owner, at 1900 University Avenue,  
19 Sixth Floor, East Palo Alto, California, beginning at  
20 11:06 a.m. and ending at 12:12 p.m. on Thursday,  
21 November 7, 2019, before NATALIE Y. BOTELHO, Certified  
22 Shorthand Reporter No. 9897.

23  
24  
25  
Page 2

Veritext Legal Solutions

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

APPEARANCES:

For Petitioners:

ROPES & GRAY LLP

BY: GABRIELLE E. HIGGINS, ESQ.

BY: CHRISTOPHER M. BONNY, ESQ.

1900 University Avenue, 6th Floor

East Palo Alto, CA 94303-2284

(650)617-4000

[gabrielle.higgins@ropesgray.com](mailto:gabrielle.higgins@ropesgray.com)

[christopher.bonny@ropesgray.com](mailto:christopher.bonny@ropesgray.com)

For the Patent Owner:

NELSON BUMGARDNER ALBRITTON

BY: TOM C. CECIL, ESQ.

3131 West 7th, Suite 300

Fort Worth, TX 76107

(817)806-3812

[tom@nbafirm.com](mailto:tom@nbafirm.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

|             |                             |      |
|-------------|-----------------------------|------|
| WITNESS     |                             | PAGE |
|             | BENJAMIN B. BEDERSON, Ph.D. |      |
| EXAMINATION |                             |      |
|             | BY MR. CECIL                | 5    |

---oOo---

E X H I B I T S

| NUMBER              | DESCRIPTION  | PAGE |
|---------------------|--|------|
| Exhibit 1001        | United States Patent No.<br>US 9,633,373 B2                                | 24   |
| Exhibit 1003        | Declaration of Benjamin B.<br>Bederson in Case IPR 2019-00613              | 5    |
| Exhibit<br>614-1003 | Declaration of Benjamin B.<br>Bederson in Case IPR 2019-00614              | 7    |
| Exhibit 1013        | United States Patent<br>Application Publication No.<br>US 2010/0017872 A1  | 10   |
| Exhibit 1015        | United States Patent<br>Application Publication No.<br>US 2010-/0138914 A1 | 17   |
| Exhibit 1027        | United States Patent<br>Application Publication No.<br>US 2012/0133484 A1  | 24   |

---oOo---



1 East Palo Alto, California, Thursday, November 7, 2019

2 11:06 a.m.

3  
4 PROCEEDINGS

5  
6 BENJAMIN B. BEDERSON, Ph.D.,  
7 having been administered an oath, was examined and  
8 testified as follows:

9  
10 EXAMINATION BY MR. CECIL

11 MR. CECIL: Q. Would you please state your  
12 name for the record?

13 A. My name is Benjamin B. Bederson.

14 Q. Dr. Bederson, do you understand that you're  
15 here to -- strike that.

16 We're here today for a deposition regarding  
17 IPR 2019-613, IPR 2019-1011, IPR 2019-614, and IPR  
18 2019-1012. Dr. Bederson, are you prepared to testify  
19 regarding these four matters today?

20 A. Yes, I am.

21 Q. Going to hand you an exhibit which has been  
22 labeled previously as Exhibit 1003.

23 (Whereupon Exhibit 1003 was marked for  
24 identification.)

25 MR. CECIL: Q. Do you recognize this

# 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.