1	UNITED STATES PATENT AND TRADEMARK OFFICE				
2					
_	BEFORE THE PATENT TRIAL AND APPEAL BOARD				
3					
4					
5	FACEBOOK, INC., INSTAGRAM, LLC, and WHATSAPP INC.,				
6	Petitioners,				
7	v.				
8	BLACKBERRY LIMITED,				
9	Patent Owner.				
10					
11	IPR2019-00516				
12	and				
13	IPR2019-00528				
14					
15	DEPOSITION OF SANDEEP CHATTERJEE, PH.D.				
16					
17					
18	Thursday, November 7, 2019				
19	San Francisco, California				
20					
21					
22	Reported by:				
23	Hanna Kim, CLR, CSR No. 13083				
24	Job No. 3620916				
25	Pages 1- 131				
	Page 1				



```
1
 2
 3
                Deposition of SANDEEP CHATTERJEE, PH.D.,
 4
 5
                taken on behalf of the Patent Owner, at
                the law offices of Quinn, Emanuel,
 6
 7
                Urquhart & Sullivan, on Thursday,
                November 7, 2019, before Hanna Kim, CLR,
 8
 9
                Certified Shorthand Reporter, No. 13083.
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
                                                    Page 2
```



1	APPEARANCES OF COUNSEL:
2	
3	For Petitioner:
4	COOLEY LLP
5	BY: ANDREW MACE, ESQ.
6	3175 Hanover Street
7	Palo Alto, California 94304-1130
8	650.843.5808
9	amace@cooley.com
10	
11	For Patent Owner:
12	QUINN EMANUEL URQUHART & SULLIVAN, LLP
13	BY: OGNJEN "OGI" ZIVOJNOVIC, ESQ.
14	50 California Street, 22nd Floor
15	San Francisco, California 94111
16	415.875.6469
17	ogizivojnovic@quinnemanuel.com
18	
19	
20	
21	
22	
23	
24	
25	
	Page 3



	Sundoop Chatterjee, I in 2.
1	INDEX OF EXAMINATION
2	
3	WITNESS: SANDEEP CHATTERJEE, PH.D.
4	EXAMINATION PAGE
5	BY MR. ZIVOJNOVIC: 7
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
	Page 4
	rage 4



		1 0		
1		INDEX OF EXHIBITS		
2				
3	CHATTERJEE D	EPOSITION EXHIBITS	P <i>I</i>	AGE
4	Exhibit 1	Notice of Deposition filed as		10
5		Paper Number 13 in IPR2019-00516		
6	Exhibit 2	Notice of Deposition filed as		10
7		Paper Number 14 in IPR2019-00528		
8	Exhibit 3	Copy of U.S. Patent Number		10
9		8,279,173		
10	Exhibit 4	Declaration of Sandeep		11
11		Chatterjee, Ph.D., filed as		
12		Exhibit 1002 in IPR2019-00516		
13	Exhibit 5	Declaration of Sandeep		12
14		Chatterjee, Ph.D., filed as		
15		Exhibit 1002 in IPR2019-00528		
16	Exhibit 6	Copy of U.S. Patent Number		66
17		7,945,653 to Zuckerberg; pages 1		
18		through 21		
19	Exhibit 7	Copy of U.S. Patent Number		80
20		7,415,662 to Rothmuller; pages 1		
21		through 15		
22	Exhibit 8	Demonstrative created by Counsel,	,	82
23		with "Categories," "Types," and		
24		"Tags;" 1 page		
25				
		Pa	age	5
				1



# DOCKET A L A R M

# 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.

