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

```
JUNIPER NETWORKS, INC.,
                                      )U.S. Patent No.
                                      )8,942,107
             Petitioner,
                                      )Case IPR2016-01391
                                      )U.S. Patent No.
         vs.
                                      )8,155,012
CHRIMAR SYSTEMS, INC.,
                                      )Case IPR2016-01389
             Patent Owner.
                                      )U.S. Patent No.
                                      )8,902,760
                                      )Case IPR2016-01399
RUCKUS WIRELESS, INC., BROCADE
COMMUNICATION SYSTEMS, INC., AND
                                      )U.S. Patent No.
NETGEAR, INC.,
                                      )8,942,107
                                      )Case IPR2017-00718
             Petitioner,
                                      )U.S. Patent No.
                                      )8,155,012
                                      )Case IPR2017-00790
         VS.
CHRIMAR SYSTEMS, INC.,
                                      )U.S. Patent No.
                                      )8,902,760
             Patent Owner.
                                      )Case IPR2017-00719
```

DEPOSITION OF IAN CRAYFORD Los Angeles, California Friday, July 21, 2017

VOLUME I

Reported by: RENEE D. ZEPEZAUER, RPR, CRR CSR No. 6275 JOB No. 2663279

PAGES 1 - 185



Page 2

1	UNITED STATES PATENT AND TRADEMARK OFFICE	
2	BEFORE THE PATENT TRIAL AND APPEAL BOARD	
3		
4	JUNIPER NETWORKS, INC.,)U.S. Patent No.)8,942,107
5	Petitioner,)Case IPR2016-01391
5	vs.)U.S. Patent No.
6	CHRIMAR SYSTEMS, INC.,)8,155,012)Case IPR2016-01389
7)
8	Patent Owner.)U.S. Patent No. _)8,902,760
)Case IPR2016-01399
9	RUCKUS WIRELESS, INC., BROCADE COMMUNICATION SYSTEMS, INC., AND))U.S. Patent No.
10	NETGEAR, INC.,)8,942,107
11)Case IPR2017-00718
1.0	Petitioner,)U.S. Patent No.
12	vs.)8,155,012)Case IPR2017-00790
13	CHRIMAR SYSTEMS, INC.,) NI C Datont No
14	CHRIMAR SISIEMS, INC.,)U.S. Patent No.)8,902,760
15	Patent Owner.)Case IPR2017-00719
16		-1
17		
	Danasitian of TAN CDAVE	
18	Deposition of IAN CRAYFORD, VOLUME	
19	I, taken on behalf of Patent Owner, at	
20	1800 Avenue of the Stars, 9th Floor, Los	
21	Angeles, California, beginning at 9:09	
22	a.m. and ending at 5:17 p.m., Friday,	
23	July 21, 2017, before RENEE D.	
24	ZEPEZAUER, Certified Shorthand Reporter	
25	No. 6275.	



Page 3 APPEARANCES: 1 2 3 For Petitioner: 4 IRELL & MANELLA LLP 5 BY: TALIN GORDNIA 6 Attorney at Law 7 1800 Avenue of the Stars, 9th Floor 8 Los Angeles, California 90067 (310) 277-1010 9 tgordnia@irell.com 10 11 12 For the Patent Owner: 13 14 BROOKS KUSHMAN PC 15 THOMAS LEWRY BY: 16 Attorney at Law 17 1000 Town Center, 22nd Floor Southfield, Michigan 48075 18 (248) 226-2753 19 20 tlewry@brookskushman.com 2.1 (Video conference appearance.) 22 23 2.4



25

Page 4 1 APPEARANCES (Continued): 2 For Ruckus Wireless, Inc., Netgear, Inc., and Brocade 3 4 Communication Systems: 5 DUANE MORRIS LLP 6 BY: CHRIS TYSON and 7 MATT YUNGWIRTH 8 Attorneys at Law 505 9th Street NW, Suite 1000 9 Washington, D.C. 20004 10 11 (202) 776-7851 12 cjtyson@duanemorris.com 13 myungwirth@duanemorris.com 14 (Telephonic appearance.) 15 16 Also Present: 17 CHRISTOPHER SMITH, Brooks Kushman 18 (Video conference appearance.) 19 20 2.1 22 23 2.4 25



Page 5 1 INDEX 2 WITNESS EXAMINATION 3 IAN CRAYFORD 4 Volume I 5 BY MR. LEWRY 6, 181 6 BY MS. GORDNIA 177 7 8 9 EXHIBITS 10 NUMBER DESCRIPTION PAGE 11 Exhibit 1046-107 Second Declaration of Ian 33 12 Crayford 13 Exhibit 2050 IEEE Standards for Local & 35 14 Metropolitan Area Networks 64 15 Exhibit 1001-012 United States Patent 16 8,155,012 B2 17 Exhibit 2054 EIA/TIA Bulletin 171 18 19 20 PREVIOUSLY MARKED EXHIBITS NUMBER PAGE 21 Exhibit 1003-107 13 22 Exhibit 1032 31 Exhibit 2041 87 Exhibit 2042 23 90 24 Exhibit 2045 91 25 Exhibit 1008 98



DOCKET

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.

