```
Page 1
1
                    Richard Allan Kramer
2
        UNITED STATES PATENT AND TRADEMARK OFFICE
3
         BEFORE THE PATENT TRIAL AND APPEAL BOARD
    ASUSTEK COMPUTER, INC., and ASUS)
    COMPUTER INTERNATIONAL,
6
          Petitioners,
                                             Case No.
7
                                         IPR2016-00646
          v.
8
                                        ) U.S. Patent No.
                                            5,870,087
    AVAGO TECHNOLOGIES GENERAL
     IP (SINGAPORE), PTE LTD.,
10
                Patent Owner.
11
12
13
14
                       DEPOSITION OF
15
                    RICHARD ALLAN KRAMER
16
                     Portland, Oregon
17
                Monday, November 21, 2016
18
19
20
21
    Reported by:
    LISA TRONCOSO, RPR, CSR, CLR
22
    JOB NO. 115524
23
24
25
```



```
Page 2
1
                    Richard Allan Kramer
2
                         November 21, 2016
                              9:03 a.m.
5
                 Deposition of RICHARD ALLAN KRAMER,
6
    held at Embassy Suites, 7900 NE 82nd Avenue,
    Portland, Oregon, 97220, before Lisa Troncoso,
     a Registered Professional Reporter, Certified
     Livenote Reporter, and Oregon Certified
10
     Shorthand Reporter Number 14-0429.
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
```



```
Page 3
1
                   Richard Allan Kramer
    APPEARANCES
3
    KILPATRICK TOWNSEND & STOCKTON
    Attorneys for Patent Owner
6
          1400 Wewatta Street
          Denver, Colorado 80202
    BY: LAURA MULLENDORE, ESQ.
10
11
    ALSTON & BIRD
12
    Attorneys for Petitioner
13
          2828 North Harwood Street
14
          Dallas, Texas 75201
15
    BY:
         DEREK NEILSON, ESQ.
16
17
18
19
20
21
22
23
24
25
```



- 1 Richard Allan Kramer
- 2 RICHARD ALLAN KRAMER,
- 3 called as a witness, having first been sworn by
- 4 the Certified Shorthand Reporter, was examined
- 5 and testified as follows:
- 6 EXAMINATION BY:
- ⁷ MS. MULLENDORE:
- 8 Q. Good morning.
- ⁹ A. Good morning.
- Q. Would you please state and spell
- your full name for the record?
- 12 A. Sure. It's Richard Allen Kramer.
- Richard, R-i-c-h-a-r-d, Allan, A-l-l-a-n,
- 14 Kramer, K-r-a-m-e-r.
- Q. Have you ever been deposed before?
- 16 A. I have.
- Q. How many times?
- A. Approximately, nine times.
- Q. In what context?
- A. I would say approximately seven
- times as an expert witness; one in a personal
- matter, and once as a fact witness.
- Q. Have you ever testified at trial
- 24 before?
- A. No, I have not.



- 1 Richard Allan Kramer
- Q. Okay. So you've been deposed a fair
- amount, but I'm just going to go over some
- basic ground rules for the deposition so we
- 5 make sure we get a clear record for the court
- ⁶ reporter.
- As you probably know, I will ask
- guestions and your answers are being recorded,
- 9 so please speak so that the reporter can hear
- you, and please answer verbally because the
- 11 reporter can't record head shakes or nods or
- things like uh-huh or huh-uh, so please use yes
- or no or other verbal responses. Will you do
- 14 that?
- A. I'll be glad to do that.
- Q. Similarly, please wait until I
- finish asking my questions completely before
- beginning your answer because it's difficult
- 19 for the reporter to record if we're talking
- over one another. Will you do that?
- A. Yes, I will.
- Q. And please make sure you understand
- each question. If I ask a question that you
- don't understand, please don't answer it.
- Please instead tell me that you don't



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.

