

Transcript of **STEPHEN B. WICKER, PH.D.**

Date: March 11, 2015

Case: THE CALIFORNIA INSTITUTE OF TECHNOLOGY v. HUGHES COMMUNICATIONS, INC., ET AL

Planet Depos, LLC Phone: 888-433-3767 Fax: 888-503-3767 Email: <u>transcripts@planetdepos.com</u> Internet: <u>www.planetdepos.com</u>

Court Reporting | Videography | Videoconferencing | Interpretation | Transcription Apple vs. Caltech IPR2017-00700

DOCKF

RM

Δ

Find authenticated court documents without watermarks at docketalarm.com.

1 UNITED STATES DISTRICT COURT 1 CENTRAL DISTRICT OF CALIFORNIA 2 3 -----X THE CALIFORNIA INSTITUTE : 4 5 OF TECHNOLOGY, : Plaintiff, : 6 7 v. : Case No.: HUGHES COMMUNICATIONS, INC., : 2:13-cv-07245-MRP-JEM 8 9 HUGHES NETWORK SYSTEMS, LLC, : DISH NETWORK CORPORATION, : 10 11 DISH NETWORK, LLC, and DISHNET: SATELLITE BROADBAND, LLC, : 12 13 Defendants.: 14 -----X 15 Videotaped Deposition of STEPHEN B. WICKER, Ph.D. 16 Palo Alto, California 17 Wednesday, March 11, 2015 18 9:07 a.m. 19 20 21 22 23 Job No.: 77278 Pages: 1 - 295 24 25 Reported by: Anne M. Torreano

DOCKE. ARM Find authenticated court documents without watermarks at docketalarm.com.

Δ

VIDEOTAPED DEPOSITION OF STEPHEN B. WICKER, PH.D. CONDUCTED ON WEDNESDAY, MARCH 11, 2015

| 1 Videotaped Deposition of STEPHEN B. WICKER, 2 Ph.D., held at the offices of: 3 4 5 WILMER CUTLER PICKERING HALE AND DORR LLP 6 950 Page Mill Road 7 Palo Alto, California 94304 8 (650) 858-6000 9 10 11 12 12 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 23 22 23 23 24 | | 2 |
|---|----|--|
| 3 4 5 WILMER CUTLER PICKERING HALE AND DORR LLP 6 950 Page Mill Road 7 Palo Alto, California 94304 8 (650) 858-6000 9 10 10 11 12 13 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 21 22 23 23 24 | 1 | Videotaped Deposition of STEPHEN B. WICKER, |
| 4 5 WILMER CUTLER PICKERING HALE AND DORR LLP 6 950 Fage Mill Road 7 Palo Alto, California 94304 8 (650) 858-6000 9 10 11 12 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 22 23 24 | 2 | Ph.D., held at the offices of: |
| 5WILMER CUTLER PICKERING HALE AND DORR LLP6950 Page Mill Road7Palo Alto, California 943048(650) 858-60009 | 3 | |
| 6 950 Page Mill Road 7 Palo Alto, California 94304 8 (650) 858-6000 9 10 11 12 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 22 23 24 | 4 | |
| Palo Alto, California 94304 (650) 858-6000 (650) 858-6000 (650) 858-6000 (650) 858-6000 (750) | 5 | WILMER CUTLER PICKERING HALE AND DORR LLP |
| <pre>8 (650) 858-6000 9 10 11 12 12 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 22 23 24</pre> | 6 | 950 Page Mill Road |
| 9 10 11 12 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 22 23 24 | 7 | Palo Alto, California 94304 |
| <pre>10 11 12 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 22 23 24</pre> | 8 | (650) 858-6000 |
| 11 12 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 22 23 24 | 9 | |
| 12 13 Pursuant to Notice, before Anne M. Torreano, 14 California Certified Shorthand Reporter #10520, 15 Registered Professional Reporter, California Certified 16 Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 20 21 22 23 24 | 10 | |
| 13Pursuant to Notice, before Anne M. Torreano,14California Certified Shorthand Reporter #10520,15Registered Professional Reporter, California Certified16Realtime Reporter, Certified LiveNote Reporter.17181920212122232414 | 11 | |
| 14 California Certified Shorthand Reporter #10520, Registered Professional Reporter, California Certified Realtime Reporter, Certified LiveNote Reporter. 17 18 19 20 21 22 23 24 | 12 | |
| Registered Professional Reporter, California Certified Realtime Reporter, Certified LiveNote Reporter. | 13 | Pursuant to Notice, before Anne M. Torreano, |
| Realtime Reporter, Certified LiveNote Reporter. | 14 | California Certified Shorthand Reporter #10520, |
| 17 18 19 20 21 22 23 24 | 15 | Registered Professional Reporter, California Certified |
| 18 19 20 21 22 23 24 | 16 | Realtime Reporter, Certified LiveNote Reporter. |
| 19 20 21 22 23 24 | 17 | |
| 20 21 22 23 24 | 18 | |
| 21 22 23 24 | 19 | |
| 22 23 24 | 20 | |
| 23 24 | 21 | |
| 24 | 22 | |
| | 23 | |
| 25 | 24 | |
| | 25 | |

DI ANET DEDOC

DOCKET

VIDEOTAPED DEPOSITION OF STEPHEN B. WICKER, PH.D. CONDUCTED ON WEDNESDAY, MARCH 11, 2015

| 1A P P E A R A N C E S2ON BEHALF OF THE PLAINTIFF:3KEVIN P.B. JOHNSON, ESQUIRE4QUINN, EMANUEL, URQUHART & SULLIVAN, LLP5555 Twin Dolphin Drive6Sth Floor7Redwood Shores, California 940658(650) 801-50009 | | | 3 |
|---|----|--|----|
| 3KEVIN P.B. JOHNSON, ESQUIRE4QUINN, EMANUEL, URQUHART & SULLIVAN, LLP5555 Twin Dolphin Drive65th Floor7Redwood Shores, California 940658(650) 801-500091010RON HAGIZ, ESQUIRE11QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1251 Madison Avenue1322nd Floor14New York, New York 1001015(212) 849-7000161717ROBERT KANG, ESQUIRE18QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1950 California Street2022nd Floor21San Francisco, California 9411122(415) 875-66002324 | 1 | APPEARANCES | |
| 4QUINN, EMANUEL, URQUHART & SULLIVAN, LLP5555 Twin Dolphin Drive65th Floor7Redwood Shores, California 940658(650) 801-50009 | 2 | ON BEHALF OF THE PLAINTIFF: | |
| 5555 Twin Dolphin Drive65th Floor7Redwood Shores, California 940658(650) 801-50009 | 3 | KEVIN P.B. JOHNSON, ESQUIRE | |
| 6 Sth Floor 7 Redwood Shores, California 94065 8 (650) 801-5000 9 10 RON HAGIZ, ESQUIRE 11 QUINN, EMANUEL, URQUHART & SULLIVAN, LLP 12 51 Madison Avenue 13 22nd Floor 14 New York, New York 10010 15 (212) 849-7000 16 17 ROBERT KANG, ESQUIRE 18 QUINN, EMANUEL, URQUHART & SULLIVAN, LLP 19 50 California Street 20 22nd Floor 21 San Francisco, California 94111 22 (415) 875-6600 23 24 | 4 | QUINN, EMANUEL, URQUHART & SULLIVAN, L | LP |
| 7Redwood Shores, California 940658(650) 801-500091010RON HAGIZ, ESQUIRE11QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1251 Madison Avenue1322nd Floor14New York, New York 1001015(212) 849-7000161717ROBERT KANG, ESQUIRE18QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1950 California Street2022nd Floor21San Francisco, California 9411122(415) 875-66002324 | 5 | 555 Twin Dolphin Drive | |
| 8 (650) 801-5000 9 RON HAGIZ, ESQUIRE 10 RON HAGIZ, ESQUIRE 11 QUINN, EMANUEL, URQUHART & SULLIVAN, LLP 12 51 Madison Avenue 13 22nd Floor 14 New York, New York 10010 15 (212) 849-7000 16 | 6 | 5th Floor | |
| 910RON HAGIZ, ESQUIRE11QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1251 Madison Avenue1322nd Floor14New York, New York 1001015(212) 849-700016 | 7 | Redwood Shores, California 94065 | |
| 10RON HAGIZ, ESQUIRE11QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1251 Madison Avenue1322nd Floor14New York, New York 1001015(212) 849-700016 | 8 | (650) 801-5000 | |
| 11QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1251 Madison Avenue1322nd Floor14New York, New York 1001015(212) 849-700016 | 9 | | |
| 1251 Madison Avenue1322nd Floor14New York, New York 1001015(212) 849-700016 | 10 | RON HAGIZ, ESQUIRE | |
| 13 22nd Floor 14 New York, New York 10010 15 (212) 849-7000 16 | 11 | QUINN, EMANUEL, URQUHART & SULLIVAN, L | LP |
| 14 New York, New York 10010 15 (212) 849-7000 16 | 12 | 51 Madison Avenue | |
| <pre>15 (212) 849-7000 16 17 ROBERT KANG, ESQUIRE 18 QUINN, EMANUEL, URQUHART & SULLIVAN, LLP 19 50 California Street 20 22nd Floor 21 San Francisco, California 94111 22 (415) 875-6600 23 24</pre> | 13 | 22nd Floor | |
| <pre>16 17 ROBERT KANG, ESQUIRE 18 QUINN, EMANUEL, URQUHART & SULLIVAN, LLP 19 50 California Street 20 22nd Floor 21 San Francisco, California 94111 22 (415) 875-6600 23 24</pre> | 14 | New York, New York 10010 | |
| <pre>17 ROBERT KANG, ESQUIRE 18 QUINN, EMANUEL, URQUHART & SULLIVAN, LLP 19 50 California Street 20 22nd Floor 21 San Francisco, California 94111 22 (415) 875-6600 23 24</pre> | 15 | (212) 849-7000 | |
| 18QUINN, EMANUEL, URQUHART & SULLIVAN, LLP1950 California Street2022nd Floor21San Francisco, California 9411122(415) 875-66002324 | 16 | | |
| 19 50 California Street 20 22nd Floor 21 San Francisco, California 94111 22 (415) 875-6600 23 24 | 17 | ROBERT KANG, ESQUIRE | |
| 20 22nd Floor 21 San Francisco, California 94111 22 (415) 875-6600 23 24 | 18 | QUINN, EMANUEL, URQUHART & SULLIVAN, L | LP |
| 21 San Francisco, California 94111 22 (415) 875-6600 23 24 | 19 | 50 California Street | |
| 22 (415) 875-6600 23 24 | 20 | 22nd Floor | |
| 23 24 | 21 | San Francisco, California 94111 | |
| 24 | 22 | (415) 875-6600 | |
| | 23 | | |
| 25 | 24 | | |
| | 25 | | |

DI ANET DEDOC

DOCKET

A L A R M Find authenticated court documents without watermarks at <u>docketalarm.com</u>.

VIDEOTAPED DEPOSITION OF STEPHEN B. WICKER, PH.D. CONDUCTED ON WEDNESDAY, MARCH 11, 2015

| 1A P P E A R A N C E SC O N T I N U E D2ON BEHALF OF THE DEFENDANTS:3JAMES DOWD, ESQUIRE4WILMER CUTLER PICKERING HALE AND DORR LLP5350 South Grand Avenue6Suite 21007Los Angeles, California 900718(213) 443-53099910BRIAN M. SEEVE, ESQUIRE11WILMER CUTLER PICKERING HALE AND DORR LLP1260 State Street13Boston, Massachusetts 0210914(617) 526-6000151616ALSO PRESENT:17DANIEL STROUD, Videographer18192021212223242425 | | 4 |
|--|----|---|
| 3JAMES DOWD, ESQUIRE4WILMER CUTLER PICKERING HALE AND DORR LLP5350 South Grand Avenue6Suite 21007Los Angeles, California 900718(213) 443-53099 | 1 | APPEARANCES CONTINUED |
| 4 WILMER CUTLER PICKERING HALE AND DORR LLP 5 350 South Grand Avenue 6 Suite 2100 7 Los Angeles, California 90071 8 (213) 443-5309 9 10 BRIAN M. SEEVE, ESQUIRE 11 WILMER CUTLER PICKERING HALE AND DORR LLP 12 60 State Street 13 Boston, Massachusetts 02109 14 (617) 526-6000 15 16 ALSO PRESENT: 17 DANIEL STROUD, Videographer 18 19 20 21 22 23 24 | 2 | ON BEHALF OF THE DEFENDANTS: |
| 5 350 South Grand Avenue 6 Suite 2100 7 Los Angeles, California 90071 8 (213) 443-5309 9 | 3 | JAMES DOWD, ESQUIRE |
| 6 Suite 2100 7 Los Angeles, California 90071 8 (213) 443-5309 9 | 4 | WILMER CUTLER PICKERING HALE AND DORR LLP |
| 7Los Angeles, California 900718(213) 443-53099 | 5 | 350 South Grand Avenue |
| 8 (213) 443-5309 9 10 BRIAN M. SEEVE, ESQUIRE 11 WILMER CUTLER PICKERING HALE AND DORR LLP 12 60 State Street 13 Boston, Massachusetts 02109 14 (617) 526-6000 15 16 ALSO PRESENT: 17 DANIEL STROUD, Videographer 18 19 20 21 22 23 24 | 6 | Suite 2100 |
| 910BRIAN M. SEEVE, ESQUIRE11WILMER CUTLER PICKERING HALE AND DORR LLP1260 State Street13Boston, Massachusetts 0210914(617) 526-6000151016ALSO PRESENT:17DANIEL STROUD, Videographer1819202121222324 | 7 | Los Angeles, California 90071 |
| 10BRIAN M. SEEVE, ESQUIRE11WILMER CUTLER PICKERING HALE AND DORR LLP1260 State Street13Boston, Massachusetts 0210914(617) 526-6000151016ALSO PRESENT:17DANIEL STROUD, Videographer1819202121222324 | 8 | (213) 443-5309 |
| WILMER CUTLER PICKERING HALE AND DORR LLP 60 State Street Boston, Massachusetts 02109 (617) 526-6000 Salso PRESENT: DANIEL STROUD, Videographer DANIEL STROUD, Videographer | 9 | |
| 12 60 State Street 13 Boston, Massachusetts 02109 14 (617) 526-6000 15 | 10 | BRIAN M. SEEVE, ESQUIRE |
| 13 Boston, Massachusetts 02109 14 (617) 526-6000 15 | 11 | WILMER CUTLER PICKERING HALE AND DORR LLP |
| 14 (617) 526-6000 15 16 ALSO PRESENT: 17 DANIEL STROUD, Videographer 18 19 20 21 22 23 24 | 12 | 60 State Street |
| 1516ALSO PRESENT:17DANIEL STROUD, Videographer18192021222324 | 13 | Boston, Massachusetts 02109 |
| 16ALSO PRESENT:17DANIEL STROUD, Videographer18 | 14 | (617) 526-6000 |
| 17 DANIEL STROUD, Videographer 18 | 15 | |
| 18 19 20 21 22 23 24 | 16 | ALSO PRESENT: |
| 19 20 21 22 23 24 | 17 | DANIEL STROUD, Videographer |
| 20 21 22 23 24 | 18 | |
| 21 22 23 24 | 19 | |
| 22 23 24 | 20 | |
| 23 24 | 21 | |
| 24 | 22 | |
| | 23 | |
| 25 | 24 | |
| | 25 | |

DI ANET DEDOC

DOCKET

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.