

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

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

- - - - -x
LOWE'S COMPANIES, INC., LOWE'S :
HOME CENTERS, LLC AND LG :
SOURCING, INC., :Case Nos.
Petitioner, :IPR2017-02011
v. :IPR2017-02014
NICHIA CORPORATION, :Patent 8,530,250 B2
Patent Owner. :

- - - - -x
VIZIO, INC., : Case Nos.
Petitioner, : IPR2017-01608
v. : IPR2017-01623
NICHIA CORPORATION, : IPR2017-00893
Patent Owner. : Patent 8,530,250

- - - - -x

Deposition of STANLEY R. SHANFIELD, PH.D.
Boston, Massachusetts
Monday, May 21, 2018
9:06 a.m.

1 Job No.: 190354

2 Pages: 1 - 220

3 Reported By: Michelle Keegan, RMR

4

5

6 Deposition of STANLEY R. SHANFIELD, PH.D.,
7 held at the offices of:

8

9 ROPES & GRAY

10 Prudential Tower

11 800 Boylston Street

12 Boston, Massachusetts 02199-3600

13 (617) 951-7000

14

15

16

17

18 Pursuant to notice, before Michelle
19 Keegan, Registered Merit Reporter and Notary
20 Public in and for the Commonwealth of
21 Massachusetts.

22

PLANET DEPOS

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

A P P E A R A N C E S

ON BEHALF OF PETITIONER LOWE'S COMPANIES, INC.:

TOD M. MELGAR, ESQ.

SILLS CUMMIS & GROSS P.C.

101 Park Avenue, 28th Floor

New York, New York 10178

(212) 643-7000

ON BEHALF OF PETITIONER VIZIO, INC.:

GABRIELLE E. HIGGINS, ESQ.

CHRISTOPHER M. BONNY, Esq.

JAMES F. MACK, ESQ. (By speakerphone)

ROPES & GRAY LLP

1900 University Avenue, 6th Floor

East Palo Alto, California 94303-2284

(650) 617-4000

1 APPEARANCES (continued):

2

3 ON BEHALF OF OWNER NICHIA CORPORATION:

4 MARTIN M. ZOLTICK, ESQ.

5 MICHAEL JONES, ESQ.

6 ROTHWELL, FIGG, ERNST & MANBECK, P.C.

7 607 14th Street, N.W.

8 Washington, D.C. 20005

9 (202) 783-6040

10

11

12 ALSO PRESENT:

13 E. Fred Schubert

14

15

16

17

18

19

20

21

22

PLANET DEPOS

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

C O N T E N T S

EXAMINATION OF STANLEY R. SHANFIELD, PH.D.	PAGE
By Mr. Zoltick	6

E X H I B I T S

(Attached to transcript.)

SHANFIELD DEPOSITION EXHIBITS	PAGE
Exhibit 1 Diagram	75
Exhibit 2 Diagram	104
Exhibit 3 Diagram	113
Exhibit 4 Diagram	114

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.