

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	LIEN

CONVEYING PARTY DATA

Name	Execution Date
Vanu, Inc.	04/12/2013

RECEIVING PARTY DATA

Name:	Fish & Richardson P.C.
Street Address:	P.O. Box 1022
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55440-1022

PROPERTY NUMBERS Total: 25

Property Type	Number
Patent Number:	7139967
Patent Number:	7512869
Application Number:	12412922
Patent Number:	7353170
Application Number:	10716180
Application Number:	11682110
Patent Number:	7697573
Patent Number:	8094646
Patent Number:	7554960
Application Number:	12476071
Patent Number:	7580451
Application Number:	11675302
Application Number:	11534407
Application Number:	11534429
Patent Number:	7929460

CH \$1000.00 7139967

Application Number:	13087831
Application Number:	11683463
Application Number:	11683464
Application Number:	11683465
Application Number:	11683466
Application Number:	11683468
Application Number:	12243846
Patent Number:	6584146
Application Number:	61551310
Application Number:	61766507

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6175425070

Email: ryan@fr.com

Correspondent Name: Charles Hieken

Address Line 1: P.O. Box 1022

Address Line 4: Minneapolis, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	GL7920900053000 (12869)
NAME OF SUBMITTER:	Robert Ryan
Signature:	/Robert Ryan/
Date:	04/12/2013

Total Attachments: 5

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source=12869 Vanu UCC-1 confirmation#page1.tif
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Notice of Lien

Fish & Richardson P.C. has not been compensated for patent and trademark prosecution services that it provided for Vanu, Inc. The Supreme Judicial Court of Massachusetts recently clarified that the scope of the Massachusetts attorney's lien statute, G.L. c. 22 1 § 50, extends to patent prosecution work. Massachusetts Lawyers Weekly, Ropes & Gray LLP v. Jalbert, SJC-10333 (August 3, 2009). Thus, in accordance with Ropes & Gray v. Jalbert and under the Massachusetts attorney's lien statute, G.L. c. 22 1, § 50, Fish & Richardson P.C. has placed a lien on the patents, patent applications, trademarks, and trademark applications for which the above-noted uncompensated services were performed. A list of those patents, patent applications, trademarks, and trademark applications is provided below. This document is being recorded to notify the public of those liens.

Fish & Richardson P.C. Ref. No.	U.S. Application No./ Patent No.	Filing date
12869.0006001	7,139,967	November 21, 2006
12869.0006002	7,512,869	March 31, 2009
12869.0006003	12/412,922	March 27, 2009
12869.0007001	7,353,170	April 1, 2008
12869.0008001	10/716,180	November 17, 2003
12869.0008002	11/682,110	March 5, 2007
12869.0010001	7,697,573	April 13, 2010
12869.0010002	8,094,646	January 10, 2012
12869.0012001	7,554,960	June 30, 2009
12869.0012002	12/476,071	June 1, 2009
12869.0015001	7,580,451	August 25, 2009
12869.0016001	11/675,302	February 15, 2007
12869.0017001	11/534,407	September 22, 2006
12869.0018001	11/534,429	September 22, 2006
12869.0019001	7,929,460	April 19, 2011
12869.0019002	13/087,831	April 15, 2011
12869.0020001	11/683,463	March 8, 2007
12869.0021001	11/683,464	March 8, 2007
12869.0022001	11/683,465	March 8, 2007
12869.0023001	11/683,466	March 8, 2007
12869.0024001	11/683,468	March 8, 2007
12869.0025001	12/243,846	October 1, 2008
12869.0026001	6,584,146	June 4, 2003
12869.0030P01	61/551,310	October 25, 2011
12869.0031P01	61/766,507	February 19, 2013



UCC FINANCING STATEMENT

FOLLOW INSTRUCTIONS (front and back) CAREFULLY

DELAWARE DEPARTMENT OF STATE
U.C.C. FILING SECTION
FILED 05:09 PM 04/02/2013
INITIAL FILING # 2013 1258046

SRV: 130388864

A. NAME & PHONE OF CONTACT AT FILER [optional] Robert Ryan 617-956-6980
B. SEND ACKNOWLEDGMENT TO: (Name and Address) Robert Ryan Fish & Richardson P.C. One Marina Park Drive Boston, MA 02210

THE ABOVE SPACE IS FOR FILING OFFICE USE ONLY

1. DEBTOR'S EXACT FULL LEGAL NAME - insert only one debtor name (1a or 1b) - do not abbreviate or combine names

1a. ORGANIZATION'S NAME Vanu, Inc.						
OR	1b. INDIVIDUAL'S LAST NAME		FIRST NAME	MIDDLE NAME	SUFFIX	
1c. MAILING ADDRESS 150 Cambridgepark Drive			CITY Cambridge	STATE MA	POSTAL CODE 02140	COUNTRY USA
1d. SEE INSTRUCTIONS	ADD'L INFO RE ORGANIZATION DEBTOR	1e. TYPE OF ORGANIZATION Corporation	1f. JURISDICTION OF ORGANIZATION DE	1g. ORGANIZATIONAL ID #, if any DE3167898 <input type="checkbox"/> NONE		

2. ADDITIONAL DEBTOR'S EXACT FULL LEGAL NAME - insert only one debtor name (2a or 2b) - do not abbreviate or combine names

2a. ORGANIZATION'S NAME						
OR	2b. INDIVIDUAL'S LAST NAME		FIRST NAME	MIDDLE NAME	SUFFIX	
2c. MAILING ADDRESS			CITY	STATE	POSTAL CODE	COUNTRY
2d. SEE INSTRUCTIONS	ADD'L INFO RE ORGANIZATION DEBTOR	2e. TYPE OF ORGANIZATION	2f. JURISDICTION OF ORGANIZATION	2g. ORGANIZATIONAL ID #, if any <input type="checkbox"/> NONE		

3. SECURED PARTY'S NAME (or NAME of TOTAL ASSIGNEE of ASSIGNOR(S/P) - insert only one secured party name (3a or 3b)

3a. ORGANIZATION'S NAME Fish & Richardson P.C.						
OR	3b. INDIVIDUAL'S LAST NAME		FIRST NAME	MIDDLE NAME	SUFFIX	
3c. MAILING ADDRESS One Marina Park Drive			CITY Boston	STATE MA	POSTAL CODE 02210	COUNTRY USA

4. This FINANCING STATEMENT covers the following collateral:

United States Patents 7,139,967; 7,512,869; 7,353,170; 7,697,573; 8,094,646; 7,554,960; 7,580,451; 7,929,460; 6,584,146.
United States patent & trademark applications 12/412,922; 10/716,180; 11/682,110; 12/476,071; 11/675,302; 11/534,407;
11/534,429; 13/087,831; 11/683,463; 11/683,464; 11/683,465; 11/683,466; 11/683,468; 12/243,846; 61/551,310; 61/766,507

5. ALTERNATIVE DESIGNATION (if applicable):	LESSEE/LESSOR	CONSIGNEE/CONSIGNOR	BAILEE/BAILOR	SELLER/BUYER	AG. LIEN	NON-UCC FILING
6. This FINANCING STATEMENT is to be filed (for record) (or recorded) in the REAL ESTATE RECORDS. Attach Addendum (if applicable)	7. Check to REQUEST SEARCH REPORT(S) on Debtor(s) (optional)	ADDITIONAL FEE	All Debtors	Debtor 1	Debtor 2	

8. OPTIONAL FILER REFERENCE DATA

CN12869

International Association of Commercial Administrators (IACA)

FILING OFFICE COPY — UCC FINANCING STATEMENT (FORM UCC1) (REV. 05/22/02)

PATENT
REEL: 030208 FRAME: 0842

FISH & RICHARDSON P.C.
One Marina Park Drive
Boston, MA 02210

Vanu, Inc.
150 Cambridgepark Drive
Cambridge, MA 02140

STATEMENT OF ACCOUNT
As of April 10, 2013

Below is a summary of your unpaid invoices from Fish & Richardson P.C.. Should you have any questions regarding this information please contact our credit department at 617-956-6914, or via e-mail at conti@fr.com. For your convenience, wire transfer instructions appear at the bottom of this statement. Thank you.

Client Number: 12869
Client Name: Vanu, Inc.
Attorney Name: Charles Hieken / 00310

Invoice Number	Invoice Date	Invoice Amount	Payment/ Adjustments	Balance Due
1018625	11-9-09	8,911.92	(8,191.12)	\$720.80
1025333	12-8-09	489.56	(0.00)	489.56
1034004	1-22-10	4,917.99	(0.00)	4,917.99
1042251	2-26-10	5,849.62	(52.00)	5,797.62
1044745	3-15-10	5,221.26	(0.00)	5,221.26
1051237	4-16-10	2,344.23	(0.00)	2,344.23
1057959	5-19-10	2,296.04	(0.00)	2,296.04
1064417	6-18-10	1,746.92	(0.00)	1,746.92
1068777	7-12-10	1,925.41	(0.00)	1,925.41
1075636	8-12-10	4,114.25	(2,592.00)	1,522.25
1080817	9-8-10	11,389.62	(483.16)	10,906.46
1094211	11-8-10	7,913.01	(0.00)	7,913.01
1103286	12-17-10	3,256.07	(2,162.00)	1,094.07
1111185	1-29-11	5,956.21	(0.00)	5,956.21
1115767	2-24-11	5,091.03	(0.00)	5,091.03
1120072	3-21-11	1,035.43	(0.00)	1,035.43
1125591	4-13-11	1,988.05	(0.00)	1,988.05
1135112	5-24-11	2,180.90	(0.00)	2,180.90

THIS IS NOT A BILL

Please be sure to reference client name or invoice numbers when submitting payments

Check remittance address: P.O. Box 3295, Boston, MA 02241-3295

Overnight delivery and street address: One Marina Park Drive Boston, MA 02210

Wire transfer information: Bank of America, ABA #0260-0959-3, Acct #511-43170, Swift Code BOFAUS3N

ACH transfer information: Bank of America, ABA #011000138, Account #511-43170

For wire and ACH transfers please email "Remittance Advice" to collectionsteam@fr.com

PATENT
REEL: 030208 FRAME: 0843

Vanu, Inc.

Invoice Number	Invoice Date	Invoice Amount	Payment/ Adjustments	Balance Due
1140012	6-17-11	2,414.26	(0.00)	2,414.26
1149097	7-26-11	6,812.98	(0.00)	6,812.98
1154699	8-19-11	7,162.01	(0.00)	7,162.01
1167313	9-30-11	114.24	(0.00)	114.24
1173057	10-19-11	477.70	(0.00)	477.70
1180216	11-15-11	4,419.70	(0.00)	4,419.70
1189548	12-20-11	945.06	(0.00)	945.06
1193756	1-12-12	3,473.60	(0.00)	3,473.60
1202770	2-14-12	7,167.26	(0.00)	7,167.26
1208199	3-9-12	2,478.92	(0.00)	2,478.92
1214363	4-9-12	1,753.00	(0.00)	1,753.00
1222911	5-11-12	1,702.04	(0.00)	1,702.04
1233021	6-18-12	4,902.14	(0.00)	4,902.14
1240123	7-9-12	2,621.50	(0.00)	2,621.50
1249332	8-15-12	2,786.00	(0.00)	2,786.00
1263819	10-11-12	219.00	(0.00)	219.00
1279031	12-13-12	668.50	(0.00)	668.50
1294578	2-25-13	1,528.50	(0.00)	1,528.50
1298815	3-13-13	1,769.07	(0.00)	1,769.07

Total Balance Due in US Dollars as of 4/10/2013

\$116,562.72

Date of last payment: April 8, 2013

THIS IS NOT A BILL

Please be sure to reference client name or invoice numbers when submitting payments

Check remittance address: P.O. Box 3295, Boston, MA 02241-3295

Overnight delivery and street address: One Marina Park Drive Boston, MA 02210-1878

Wire transfer information: Bank of America, ABA #0260-0959-3, Acct #511-43170, Swift Code BOFAUS3N

ACH transfer information: Bank of America, ABA #011000138, Account #511-43170

For wire and ACH transfers please email "Remittance Advice" to collectionsteam@fr.com