

EXHIBIT 21

EXHIBIT Q

Rockstar

March 13, 2012

Thomas M. Rutledge
President & Chief Executive Officer
Charter Communications, Inc.
12405 Powerscourt Drive
St. Louis, Missouri 63131

RE: Request to Commence Licensing Discussions | Notice of Patent Infringement

Dear Mr. Rutledge,

Rockstar Consortium (hereinafter, "Rockstar") is a patent licensing company that currently has offices in Ottawa, Canada and Richardson, Texas. Rockstar owns thousands of patents and patent applications in several different technology areas, most notably in communications and networking. This intellectual property was originally created and patented by Nortel Networks Corporation and its subsidiaries. Rockstar now licenses it to other companies on a royalty-bearing basis. In this regard, please see the attached press release.

I am writing because Rockstar would like to commence patent licensing discussions with Charter Communications, Inc. and to more fully explain the reasons why we believe your company requires a license to our patents.

We are contacting you because our analysis reveals that Charter Communications, Inc. is currently offering certain products and services that infringe patents owned by Rockstar. The table below provides you with information concerning some exemplary patents that inform our opinion. Please keep in mind that the patents below are part of a much larger portfolio.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2H 3G4 Canada



Exemplary List of Rockstar Patents Infringed By Charter Communications, Inc.

Rockstar U.S. Patent Number	Title	Technology, Product and/or Service
US 7,154,879	Point to multipoint network	<ul style="list-style-type: none"> Charter TV Multiroom DVR service MOCA
US RE40,999	Vlan frame format	<ul style="list-style-type: none"> Charter Business Optical Ethernet Service VLAN
US 5,959,990	VLAN frame format	<ul style="list-style-type: none"> Charter Business Optical Ethernet Service VLAN
US 6,192,397	Method for establishing a master-slave relationship in a peer-to-peer network	<ul style="list-style-type: none"> GigE Charter Business Fiber Internet 10GigE Charter Business Fiber Internet
US 5,471,474	Communications highway network system	<ul style="list-style-type: none"> Charter Internet Service DOCSIS 3.0 and 2.0
US 5,761,197	Communications in a distribution network	<ul style="list-style-type: none"> Charter Internet Service DOCSIS 3.0 and 2.0

Charter Communications, Inc. has an affirmative responsibility to ensure that it has secured all necessary patent rights to sell the products and services listed above, as well as others that might be infringing Rockstar's intellectual property. We look forward to having a near-term dialogue with Charter Communications, Inc. with the goal of answering any questions you may have, providing more details concerning the issues raised in this letter, and reaching an agreement on how we can have an amicable dialogue that advances both of our companies' goals.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Karata, Ontario
K2K 3G4 Canada

Rockstar

To that end, I suggest that we set up a preliminary teleconference to discuss these issues at a high level, execute an NDA, which we can send to you for your consideration, and then follow up with a face-to-face meeting at your offices.

Upon receipt of this letter, please kindly contact me with a proposed date and time for a call. I can be reached at either svirmani@ip-rockstar.com or +1 610.306.9990. I look forward to your reply, and thank you in advance for your prompt attention to these matters.

Sincerely,



Shival Virmani, Esq.
VP, Patent Licensing

Enclosure

Rockstar Consortium Inc.
Rockstar Consortium US LLP
300-515 Legget Drive

Karata, Ontario
K2H 3G4 Canada

From: Mark Wilson [<mailto:mwilson@ip-rockstar.com>]
Sent: Friday, November 08, 2013 11:47 AM
To: Abramov, Kirill Y; Long, David
Cc: Chad Hilyard; Alfi Guindi; John Garland
Subject: Patent Discussion and Second Notice of Infringement

To: Kirill Abramov, VP and Senior Council
Cc: David Long, Kelley Drye LLP

RE: Patent Infringement – Second Notice

Thank you again for taking time to meet with Chad, Alfi and me this morning. Following up on our discussion, below please find 3 additional Rockstar patents that are used with the indicated Charter services and products:

5,583,862 Callon	Method And Apparatus For Routing For Virtual Networks	■	Charter Business Level 3 VPN Serv (BGP/MPLS)
6,130,893 Whittaker	Method And Apparatus For Multiplexing Telephone Lines Over A Common Access Network	■	Charter Phone Service Charter supplied MTA's
6,321,253 McKeen	Systems and Methods for Simultaneous Network Management Of Voice and Data Signals	■	Charter Phone Services Charter Internet Services (PacketCable 1.5 and E-MTAs)

We believe that Charter Communications has affirmative responsibility to ensure that it has secured all necessary patent rights to sell its services and products that are infringing Rockstar's intellectual property, including those patents listed above and in the March 13, 2012 letter to Mr. Rutledge.

Please note that the 9 patents on notice to Charter Communications at this time is a sample. Rockstar cannot assure Charter that all patents of interest have been identified due to the size and changing composition of our portfolio.

As we reiterated today, in order for the negotiations to continue the parties have to enter into an NDA. Charter's repeated refusal to enter into an NDA has prevented both parties from being able to share the information necessary to negotiate and enter into a licensing agreement. We are pleased that Charter now appears willing to enter into an NDA; however, because Charter has now had our proposed draft for more than six months, we ask that you please return your comments in short order.

Regards,

Mark Wilson

Licensing Executive
Rockstar Consortium



M 408-800-8402
mwilson@ip-rockstar.com

This Communication is Confidential and is being sent in accordance with the terms set out at http://ip-rockstar.iv-design.ca/email_disclaimer/

EXHIBIT R



October 29, 2012

Colleen Abdoulah,
Chief Executive Officer and Chairwoman of the Board
Wide Open West Networks, LLC
7887 E. Belleview Avenue; Suite 1000
Englewood, CO, 80111
TEL: (720) 479-3500
FAX: (720) 479 3585

RE: Request to Commence Licensing Discussions | Notice of Patent Infringement

Dear Ms. Abdoulah,

Rockstar Consortium US LP (hereinafter, "Rockstar") is a patent licensing company that currently has offices in Richardson, Texas. Rockstar owns approximately 4,000 patents and patent applications in several different technology areas, most notably in communications and networking. This intellectual property was originally created and patented by Nortel Networks Corporation and its subsidiaries. Rockstar licenses this portfolio to other companies on a royalty-bearing basis. In this regard, please see the attached press release.

I am writing because Rockstar would like to commence patent licensing discussions with Wide Open West ("WOW!") and to more fully explain the reasons why we believe your company requires a license to our patent estate.

We are contacting you because our analysis reveals that WOW! and Knology, are currently offering certain products and services that infringe patents owned by Rockstar. The table below provides you with specific information concerning certain of Rockstar's patents and the products and service that infringe those patents. Please keep in mind that the patents below are part of a much larger portfolio of networking related inventions.

Ms. Abdoulah
 October 29, 2012
 Page 2 of 3

Exemplary List of Rockstar Patents Infringed By Wide Open West.

US Patent #	Title	Technology	Impacted Service
5,471,474	Communications Highway Network System	<ul style="list-style-type: none"> • DOCSIS 2.0 • DOCSIS 3.0 	<ul style="list-style-type: none"> • WOW! Digital TV • WOW! Ultra TV • WOW! Internet Xcite, Xpress, Xtreme, Xtreme Turbo • WOW! Essential Phone • WOW! Advanced Phone
5,761,197	Communications In A Distribution Network	<ul style="list-style-type: none"> • DOCSIS 2.0 • DOCSIS 3.0 	<ul style="list-style-type: none"> • WOW! Digital TV • WOW! Ultra TV • WOW! Internet Xcite, Xpress, Xtreme, Xtreme Turbo • WOW! Essential Phone • WOW! Advanced Phone
6,130,893	Method And Apparatus For Multiplexing Telephone Lines Over A Common Access Network	<ul style="list-style-type: none"> • eMTA • Packet Cable 1.5 	<ul style="list-style-type: none"> • WOW! Essential Phone • WOW! Advanced Phone • WOW! Business Voice
6,321,253	System And Method For Simultaneous Network Management Of Voice And Data	<ul style="list-style-type: none"> • eMTA • Packet Cable 1.0 	<ul style="list-style-type: none"> • WOW! Internet Xcite, Xpress, Xtreme, Xtreme Turbo • WOW! Essential Phone • WOW! Advanced Phone • WOW! Business Voice

WOW! has an affirmative responsibility to ensure that it has secured all necessary patent rights to sell the products and provide the services listed above that are utilizing Rockstar's intellectual property. We look forward meeting with WOW! and proceeding with an amicable dialogue to put an appropriate patent license in place between our companies.

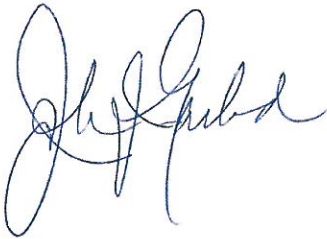
Ms. Abdoulah
October 29, 2012
Page 3 of 3

Also, we realize that in July, 2012 that WOW! closed on its acquisition of Knology. As you may already know, Rockstar provided a notice of infringement letter to Knology in March, 2012 pertaining to two DOCSIS related inventions. Attached for your reference is the letter we provided to Knology on March 13, 2012.

To that end, I suggest you have the appropriate point person at WOW! contact me in order that we can execute an NDA to cover our licensing discussions and arrange for an initial face-to-face meeting at your offices.

Upon receipt of this letter, please kindly contact me; I can be reached at either jgarland@ip-rockstar.com or 1+908.803.3741 or +1 613.576.1025. I look forward to your working with WOW!, and thank you in advance for your prompt attention to this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Garland". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

John Garland
VP of Patent Licensing

Enclosure(s)

- Rockstar March, 2012 Press Release
- March 13, 2012 letter to Knology

EXHIBIT S



March 13, 2012

Rodger L. Johnson
Chairman of the Board and Chief Executive Office
Knology Inc.
1241 O.G. Skinner Drive
West Point, Georgia 31833

RE: Request to Commence Licensing Discussions | Notice of Patent Infringement

Dear Mr. Kent,

Rockstar Consortium (hereinafter, "Rockstar") is a patent licensing company that currently has offices in Ottawa, Canada and Richardson, Texas. Rockstar owns thousands of patents and patent applications in several different technology areas, most notably in communications and networking. This intellectual property was originally created and patented by Nortel Networks Corporation and its subsidiaries. Rockstar now licenses it to other companies on a royalty-bearing basis. In this regard, please see the attached press release.

I am writing because Rockstar would like to commence patent licensing discussions with Knology Inc. and to more fully explain the reasons why we believe your company requires a license to our patents.

We are contacting you because our analysis reveals that Knology Inc. is currently offering certain products and services that infringe patents owned by Rockstar. The table below provides you with information concerning some exemplary patents that inform our opinion. Please keep in mind that the patents below are part of a much larger portfolio.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada

Attn: Mr. Johnson:
Page 2 of 3



Exemplary List of Rockstar Patents Infringed By Knology Inc.

Rockstar U.S. Patent Number	Title	Technology, Product and/or Service
US 5,471,474	Communications highway network system	<ul style="list-style-type: none"> • Knology High Speed Internet • DOCSIS 3.0
US 5,761,197	Communications in a distribution network	<ul style="list-style-type: none"> • Knology High Speed Internet • DOCSIS 3.0

Knology Inc. has an affirmative responsibility to ensure that it has secured all necessary patent rights to sell the products and services listed above, as well as others that might be infringing Rockstar’s intellectual property. We look forward to having a near-term dialogue with Knology Inc. with the goal of answering any questions you may have, providing more details concerning the issues raised in this letter, and reaching an agreement on how we can have an amicable dialogue that advances both of our companies’ goals.

To that end, I suggest that we set up a preliminary teleconference to discuss these issues at a high level, execute an NDA, which we can send to you for your consideration, and then follow up with a face-to-face meeting at your offices.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada

Attn: Mr. Johnson:
Page 3 of 3



Upon receipt of this letter, please kindly contact me with a proposed date and time for a call. I can be reached at either svirmani@ip-rockstar.com or +1 610.306.9990. I look forward to your reply, and thank you in advance for your prompt attention to these matters.

Sincerely,

A handwritten signature in black ink, appearing to read "Shival Virmani".

Shival Virmani, Esq.
VP, Patent Licensing

Enclosure

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada

Rockstar Consortium



March 12, 2012 10:02 ET

Rockstar Consortium Receives Green Light From Department of Justice

Consortium forges ahead with plans to license intellectual property

OTTAWA, ONTARIO--(Marketwire - March 12, 2012) - Rockstar Consortium (Rockstar) today announced that the US Department of Justice waiting period for review of Rockstar's acquisition of a substantial majority of the former Nortel Networks patent portfolio, has expired and the company is free to consummate the acquisition. The portfolio consists of approximately 4,000 patent assets related to a broad array of networking, communications, and internet technologies.

These patent assets were a substantial component in the record-breaking auction this past summer, when Rockstar Consortium, made up of Apple, Microsoft, RIM, Ericsson and Sony, invested \$4.5 billion to acquire Nortel's portfolio from the bankruptcy estate. Nortel, a 100+ year-old telecom and networking pioneer, had developed the portfolio through tens of billions of dollars of R&D investment over the past few decades. Following the expiration of the waiting period, Rockstar is set to implement its plans to pursue licensing agreements with companies that are harnessing its intellectual property.

John Veschi, Chief Executive Officer of Rockstar, and formerly Chief IP Officer of Nortel, stated that, "We are pleased to emerge from this review process, and are looking forward to working with technology related companies to provide them with access to Rockstar's technology. The entire industry has benefitted from Nortel's groundbreaking innovations, and we are eager to work with them to establish licenses enabling the continued use of this technology."

Rockstar

Rockstar Consortium US LP, and Rockstar Consortium Inc. (the Rockstar Companies) are jointly owned by Apple, Microsoft, RIM, Ericsson and Sony, and are chartered with managing the Rockstar portfolio on behalf of these owners.

Contact Information

- Rockstar Consortium
Vicki Carver
Head of Operations
613-576-1020

info@ip-rockstar.com
www.ip-rockstar.com



[View Release](#)

EXHIBIT T



March 13, 2012

Jerald L. Kent
Chairman and Chief Executive Officer
Cequel Communications, LLC
12444 Powerscourt Drive, Suite 450
St. Louis, Missouri 63131

RE: Request to Commence Licensing Discussions | Notice of Patent Infringement

Dear Mr. Kent,

Rockstar Consortium (hereinafter, "Rockstar") is a patent licensing company that currently has offices in Ottawa, Canada and Richardson, Texas. Rockstar owns thousands of patents and patent applications in several different technology areas, most notably in communications and networking. This intellectual property was originally created and patented by Nortel Networks Corporation and its subsidiaries. Rockstar now licenses it to other companies on a royalty-bearing basis. In this regard, please see the attached press release.

I am writing because Rockstar would like to commence patent licensing discussions with Cequel Communications, LLC and to more fully explain the reasons why we believe your company requires a license to our patents.

We are contacting you because our analysis reveals that Cequel Communications, LLC is currently offering certain products and services that infringe patents owned by Rockstar. The table below provides you with information concerning some exemplary patents that inform our opinion. Please keep in mind that the patents below are part of a much larger portfolio.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada



Exemplary List of Rockstar Patents Infringed By Cequel Communications, LLC

Rockstar U.S. Patent Number	Title	Technology, Product and/or Service
US 5,471,474	Communications highway network system	<ul style="list-style-type: none"> • Suddenlink High Speed Internet, Suddenlink Business Internet • DOCSIS 3.0
US 5,761,197	Communications in a distribution network	<ul style="list-style-type: none"> • Suddenlink High Speed Internet, Suddenlink Business Internet • DOCSIS 3.0

Cequel Communications, LLC has an affirmative responsibility to ensure that it has secured all necessary patent rights to sell the products and services listed above, as well as others that might be infringing Rockstar’s intellectual property. We look forward to having a near-term dialogue with Cequel Communications, LLC with the goal of answering any questions you may have, providing more details concerning the issues raised in this letter, and reaching an agreement on how we can have an amicable dialogue that advances both of our companies’ goals.

To that end, I suggest that we set up a preliminary teleconference to discuss these issues at a high level, execute an NDA, which we can send to you for your consideration, and then follow up with a face-to-face meeting at your offices.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada



Upon receipt of this letter, please kindly contact me with a proposed date and time for a call. I can be reached at either svirmani@ip-rockstar.com or +1 610.306.9990. I look forward to your reply, and thank you in advance for your prompt attention to these matters.

Sincerely,

A handwritten signature in black ink, appearing to read "Shival Virmani". The signature is fluid and cursive, with a long horizontal stroke at the end.

Shival Virmani, Esq.
VP, Patent Licensing

Enclosure

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada



ROCKSTAR CONSORTIUM RECEIVES GREEN LIGHT FROM DEPARTMENT OF JUSTICE

Consortium forges ahead with plans to license intellectual property

OTTAWA, ONTARIO--(MARCH 12, 2012) –

Rockstar Consortium (Rockstar) today announced that the US Department of Justice waiting period for review of Rockstar's acquisition of a substantial majority of the former Nortel Networks patent portfolio, has expired and the company is free to consummate the acquisition. The portfolio consists of approximately 4,000 patent assets related to a broad array of networking, communications, and internet technologies.

These patent assets were a substantial component in the record-breaking auction this past summer, when Rockstar Consortium, made up of Apple, Microsoft, RIM, Ericsson and Sony, invested \$4.5 billion to acquire Nortel's portfolio from the bankruptcy estate. Nortel, a 100+ year-old telecom and networking pioneer, had developed the portfolio through tens of billions of dollars of R&D investment over the past few decades. Following the expiration of the waiting period, Rockstar is set to implement its plans to pursue licensing agreements with companies that are harnessing its intellectual property.

John Veschi, Chief Executive Officer of Rockstar, and formerly Chief IP Officer of Nortel, stated that, "We are pleased to emerge from this review process, and are looking forward to working with technology related companies to provide them with access to Rockstar's technology. The entire industry has benefitted from Nortel's groundbreaking innovations, and we are eager to work with them to establish licenses enabling the continued use of this technology."

For more information regarding the statements included in this release, please contact: Vicki Carver, Head of Operations, at info@ip-rockstar.com

Rockstar

Rockstar Consortium US LP, and Rockstar Consortium Inc. (the Rockstar Companies) are jointly owned by Apple, Microsoft, RIM, Ericsson and Sony, and are chartered with managing the Rockstar portfolio on behalf of these owners.

For more information, please visit www.ip-rockstar.com

EXHIBIT U

Rockstar



March 13, 2012

Thomas O. Might
President and Chief Executive Officer
Cable ONE, Inc.
1314 North 3rd Street
Phoenix, AZ 85004

RE: Request to Commence Licensing Discussions | Notice of Patent Infringement

Dear Mr. Might,

Rockstar Consortium (hereinafter, "Rockstar") is a patent licensing company that currently has offices in Ottawa, Canada and Richardson, Texas. Rockstar owns thousands of patents and patent applications in several different technology areas, most notably in communications and networking. This intellectual property was originally created and patented by Nortel Networks Corporation and its subsidiaries. Rockstar now licenses it to other companies on a royalty-bearing basis. In this regard, please see the attached press release.

I am writing because Rockstar would like to commence patent licensing discussions with Cable ONE, Inc. and to more fully explain the reasons why we believe your company requires a license to our patents.

We are contacting you because our analysis reveals that Cable ONE, Inc. is currently offering certain products and services that infringe patents owned by Rockstar. The table below provides you with information concerning some exemplary patents that inform our opinion. Please keep in mind that the patents below are part of a much larger portfolio.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada

Attn: Mr. Might:
Page 2 of 3



Exemplary List of Rockstar Patents Infringed By Cable ONE, Inc.

Rockstar U.S. Patent Number	Title	Technology, Product and/or Service
US 5,471,474	Communications highway network system	<ul style="list-style-type: none"> • Cable One High Speed Internet Service • DOCSIS 2.0 • Cable One High Speed Internet with Elite and Preferred services • DOCSIS 3.0
US 5,761,197	Communications in a distribution network	<ul style="list-style-type: none"> • Cable One High Speed Internet Service • DOCSIS 2.0 • Cable One High Speed Internet with Elite and Preferred services • DOCSIS 3.0

Cable ONE, Inc. has an affirmative responsibility to ensure that it has secured all necessary patent rights to sell the products and services listed above, as well as others that might be infringing Rockstar’s intellectual property. We look forward to having a near-term dialogue with Cable ONE, Inc. with the goal of answering any questions you may have, providing more details concerning the issues raised in this letter, and reaching an agreement on how we can have an amicable dialogue that advances both of our companies’ goals.

To that end, I suggest that we set up a preliminary teleconference to discuss these issues at a high level, execute an NDA, which we can send to you for your consideration, and then follow up with a face-to-face meeting at your offices.

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada

Attn: Mr. Might:
Page 3 of 3



Upon receipt of this letter, please kindly contact me with a proposed date and time for a call. I can be reached at either svirmani@ip-rockstar.com or +1 610.306.9990. I look forward to your reply, and thank you in advance for your prompt attention to these matters.

Sincerely,

A handwritten signature in black ink, appearing to read "Shival Virmani".

Shival Virmani, Esq.
VP, Patent Licensing

Enclosure

Rockstar Consortium Inc.
Rockstar Consortium US LP
300-515 Legget Drive

Kanata, Ontario
K2K 3G4 Canada

Rockstar



ROCKSTAR CONSORTIUM RECEIVES GREEN LIGHT FROM DEPARTMENT OF JUSTICE

Consortium forges ahead with plans to license intellectual property

OTTAWA, ONTARIO--(MARCH 12, 2012) –

Rockstar Consortium (Rockstar) today announced that the US Department of Justice waiting period for review of Rockstar's acquisition of a substantial majority of the former Nortel Networks patent portfolio, has expired and the company is free to consummate the acquisition. The portfolio consists of approximately 4,000 patent assets related to a broad array of networking, communications, and internet technologies.

These patent assets were a substantial component in the record-breaking auction this past summer, when Rockstar Consortium, made up of Apple, Microsoft, RIM, Ericsson and Sony, invested \$4.5 billion to acquire Nortel's portfolio from the bankruptcy estate. Nortel, a 100+ year-old telecom and networking pioneer, had developed the portfolio through tens of billions of dollars of R&D investment over the past few decades. Following the expiration of the waiting period, Rockstar is set to implement its plans to pursue licensing agreements with companies that are harnessing its intellectual property.

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For more information regarding the statements included in this release, please contact: Vicki Carver, Head of Operations, at info@ip-rockstar.com

Rockstar

Rockstar Consortium US LP, and Rockstar Consortium Inc. (the Rockstar Companies) are jointly owned by Apple, Microsoft, RIM, Ericsson and Sony, and are chartered with managing the Rockstar portfolio on behalf of these owners.

For more information, please visit www.ip-rockstar.com

EXHIBIT 22



Don Lindsay

Executive Advisor, Product Experience Planning & Execution. Previously Vice President, Design at BlackBerry

Mountain View, California (San Francisco Bay Area) | Consumer Electronics

Join LinkedIn and access Don Lindsay's full profile. It's free!

As a LinkedIn member, you'll join 250 million other professionals who are sharing connections, ideas, and opportunities.

- See who you and **Don Lindsay** know in common
- Get introduced to **Don Lindsay**
- Contact **Don Lindsay** directly

[View Don's full profile](#)

Don Lindsay's Overview

Current **Vice President, User Experience at BlackBerry**

Past Director, Design at Microsoft
Design Director, Mac OS User Experience Group at Apple
Design Manager, Corporate Design Group at Bell-Northern Research
see all

Connections **500+** connections

Don Lindsay's Summary

A veteran executive leader in a career that has spanned three decades with successful Fortune 500 technology companies. Don has delivered industry-defining desktop & mobile platform strategies & products while building and leading large scale, world-class product design organizations.

Engaged by the CEOs of Apple & BlackBerry to define and execute "bet the company" product evolutions, Don's experience and insight into organizational development, design culture, process, strategy and execution is the result of having shipped over fifteen major platform releases.

A recognized expert, innovator and contributor in product experience with over 120 granted or filed technology patents encompassing user interface design, gesture & speech interaction and UI implementation strategies for both desktop & mobile platforms.

Don Lindsay's Experience

Vice President, User Experience

BlackBerry

Public Company; 10,001+ employees; RIMM; Telecommunications industry
March 2009 – Present (5 years 1 month) | Mountain View, California

Created and scaled a centralized User Experience organization with a global charter for the BlackBerry product & services product experience portfolio. Grew the organization to over 100 designers, researchers and developers, spanning 5 studio locations between North America & Europe. Served as executive member of the product planning council, responsible for the BlackBerry product roadmap planning and delivery.

Led the \$150M acquisition of The Astonishing Tribe (TAT) in 2010 and drove the UX definition of BlackBerry 10 from concept to delivery. Engaged with internal and external partners, and media, in the definition, development and promotion of BlackBerry 10.

Director, Design

Microsoft

Public Company; 10,001+ employees; MSFT; Computer Software industry
October 2003 – February 2009 (5 years 5 months) | Seattle, Washington

Built the User Experience organization for Microsoft Live Labs, chartered with exploring advanced product development for Internet services, search and data visualization. Joined Microsoft to lead the UX definition & conceptualization of 'Blackcomb' (post-Windows 7 planned release) while shipping innovative platform UX features for Windows Vista.

Design Director, Mac OS User Experience Group

Apple

Public Company; 10,001+ employees; AAPL; Consumer Electronics industry
June 1994 – May 2003 (9 years) | Cupertino, California

Directed the Mac OS User Experience group, partnering with Apple's senior executive leaders to define and deliver the first four releases of Mac OS X and media experiences including iTunes and iMovie. Initiated and led an effort to conceive and develop 'Aqua', the definitive Mac OS X experience. Shipped every release of Mac OS from 8.0 through 10.3.

Design Manager, Corporate Design Group

Bell-Northern Research

Public Company; 10,001+ employees; NT; Telecommunications industry
July 1985 – June 1994 (9 years) | Ottawa, Ontario

Managed the product design team within the Corporate Design Group, responsible for interaction & visual interaction design, on-product graphics, branding, packaging and documentation. Designed & shipped the M3000 Touchphone, a revolutionary desktop phone with graphical UI and all-touch interface in 1986. Designed & prototyped advanced graphical, touch and speech user interfaces for desktop & mobile devices in 1990-94.

Creative Designer

Norpak

Privately Held; 51-200 employees; Telecommunications industry
September 1983 – May 1985 (1 year 9 months) | Ottawa, Canada

Led the user interface design of the Norpak NAPLPS Videotext authoring platform, a precursor to HTML and web authoring.

Art Director

Banfield-Seguín

Privately Held; 11-50 employees; Marketing and Advertising industry
January 1981 – August 1983 (2 years 8 months) | Ottawa, Canada Area

Don Lindsay's Patents

Computer Interface Having a Single Window Mode of Operation

United States Patent 8,504,937 | Issued August 6, 2013
Inventors: Don Lindsay, Steven P. Jobs

User interface for providing consolidation and access

United States Patent 7,526,738 | Issued April 28, 2009
Inventors: Don Lindsay, Steven P. Jobs, Bas Ording

User interface for providing consolidation and access

United States Patent 7,434,177 | Issued October 7, 2008
Inventors: Don Lindsay, Steven P. Jobs, Bas Ording

Method and system for providing an embedded application toolbar

United States Patent 6,686,938 | Issued February 3, 2004
Inventors: Don Lindsay, Steven P. Jobs, Tim Wasko

User Interface for Providing Consolidation and Access

United States Patent 8,032,843 | Issued October 4, 2011
Inventors: Don Lindsay, Steven P. Jobs, Bas Ording

Computer interface having a single window mode of operation

United States Patent 6,957,395 | Issued October 18, 2005
Inventors: Don Lindsay, Steven P. Jobs

Method and apparatus for speech synthesis using paralinguistic variation

United States Patent 8,103,505 | Issued January 24, 2012
Inventors: Don Lindsay, Kim Silverman

COMMUNICATION DEVICE

United States Patent Application 20130012269 | Filed January 10, 2013
Inventors: Don Lindsay, Mike Lazaridis, Dan Dodge

MULTIPLE-STAGE INTERFACE CONTROL OF A MOBILE ELECTRONIC DEVICE

United States Patent Application 20140040769 | Filed February 6, 2014
Inventors: Don Lindsay, Mike Lazaridis, Dan Dodge, Jason Griffin, Todd Wood, Alistair Hamilton

Graphical user interface for computers having variable size icons

United States Patent 7,216,304 | Issued May 8, 2007
Inventors: Don Lindsay, Arno Gourdol

Graphics tiering strategy incorporating bitmaps and window geometries

United States Patent 7,739,613 | Issued June 15, 2010
Inventors: Don Lindsay

Dynamic reflective highlighting of a glass appearance window frame

United States Patent 7,412,663 | Issued August 12, 2008
Inventors: Don Lindsay, Tjeerd Hoek, Greg Melander

Glass appearance window frame colorization

United States Patent 7,418,668 | Issued August 26, 2008
Inventors: Don Lindsay, Tjeerd Hoek

Visual expression of a state of an application window

United States Patent 7,577,918 | Issued August 18, 2009
Inventors: Don Lindsay

Method and apparatus for application window grouping and management

United States Patent 7,581,192 | Issued August 25, 2009
Inventors: Don Lindsay, Charlie Stabb, Mark Ligameri

Method and apparatus for application window grouping and management

United States Patent 7,478,339 | Issued January 13, 2009
Inventors: Don Lindsay, Charlie Stabb, Cees van Dok, Chuck Cummins, Hillel Cooperman, Jeff Pettitross, Sarah Shrock

System and method for selecting a tab within a tabbed browser

United States Patent 7,596,760 | Issued September 29, 2009
Inventors: Don Lindsay, Aaron Sauve, Cees van Dok, Tony Schreiner

System and method for providing a window management mode

United States Patent 7,681,143 | Issued March 16, 2010
Inventors: Don Lindsay, Mark Ligameri

System and method for visually expressing user interface elements

United States Patent 7,661,069 | Issued February 9, 2010
Inventors: Don Lindsay, Mark Ligameri

System and method for controlling the opacity of multiple windows while browsing

United States Patent 7,747,965 | Issued June 29, 2010
Inventors: Don Lindsay, Charlie Stabb, Hillel Cooperman, Mark Ligameri, Ales Holecek

User-created trade cards

United States Patent 7,909,238 | Issued March 22, 2011
Inventors: Don Lindsay, Gary Flake, Blaise Aguera y Arcas, Brett Brewer, Steven Drucker, Karim Farouki, Adam Sheppard, Stephen Lawler, Stephen Szeliski, Christopher Weare

System and Method for Visually Browsing of Open Windows

United States Patent 8,341,541 | Issued December 25, 2012
Inventors: Don Lindsay, Charlie Stabb, Tjeerd Hoek, Mark Ligameri

SCROLLABLE AREA MULTI-SCALE VIEWING

United States Patent 8,082,518 | Issued December 20, 2011
Inventors: Don Lindsay, Jeff Weir, Gary Flake, Brett Brewer

GRAPHICAL CONTEXT SHORT MENU

United States Patent Application 20110202879 | Filed August 18, 2011
Inventors: Don Lindsay

USER INTERFACE FOR A TOUCHSCREEN DISPLAY

United States Patent Application 20110087990 | Filed April 14, 2011
Inventors: Don Lindsay

COLLECTION REPRESENTS COMBINED INTENT

United States Patent Application 20090319357 | Filed December 24, 2009
Inventors: Don Lindsay

SYSTEM AND METHOD FOR SELECTING A TAB WITHIN A TABBED BROWSER

United States Patent Application 20100011313 | Filed January 24, 2010
Inventors: Don Lindsay

3D CONTENT AGGREGATION BUILT INTO DEVICES

United States Patent Application 20090310851 | Filed December 17, 2009
Inventors: Don Lindsay

ANNOTATE AT MULTIPLE LEVELS

United States Patent Application 20090307618 | Filed December 10, 2009
Inventors: Don Lindsay

MARK-UP EXTENSIONS FOR SEMANTICALLY MORE RELEVANT THUMBNAILS OF CONTENT

United States Patent Application 20090300506 | Filed December 3, 2009
Inventors: Don Lindsay

MULTI-SCALE NAVIGATIONAL VISUALIZATION

United States Patent Application 20090289937 | Filed November 26, 2009
Inventors: Don Lindsay

PROCEDURAL AUTHORING

United States Patent Application 20090279784 | Filed November 12, 2009
Inventors: Don Lindsay

DYNAMIC MULTI-SCALE SCHEMA

United States Patent Application 20090276445 | Filed November 5, 2009
Inventors: Don Lindsay

INTERMEDIATE POINT BETWEEN IMAGES TO INSERT/OVERLAY ADS

United States Patent Application 20090274391 | Filed November 5, 2009
Inventors: Don Lindsay

ZOOM FOR ANNOTATABLE MARGINS

United States Patent Application 20090254867 | Filed October 8, 2009

Inventors: Don Lindsay

CLIENT-SIDE COMPOSING/WEIGHTING OF ADS

United States Patent Application 20090254820 | Filed October 8, 2009
Inventors: Don Lindsay

DEVICE INTERACTION WITH COMBINATION OF RINGS

United States Patent Application 20090251407 | Filed October 8, 2009
Inventors: Don Lindsay

MULTISCALED TRADE CARDS

United States Patent Application 20090172570 | Filed July 2, 2009
Inventors: Don Lindsay

USER-CREATED TRADE CARDS

United States Patent Application 20090159656 | Filed June 25, 2009
Inventors: Don Lindsay

TRADE CARD SERVICES

United States Patent Application 20090152341 | Filed June 18, 2009
Inventors: Don Lindsay

Wireless Telephones

Canada Patent CA2107819 | Issued October 10, 1993
Inventors: Don Lindsay, Tracy Roberts, Neal Cowan, Michael Brown, Jeff Fairless, Nancy Carboni

MANAGEMENT OF DEVICE SETTINGS VIA A PLURALITY OF INTERFACES

United States Patent Application 20110265028 | Filed October 27, 2011
Inventors: Don Lindsay

APPARATUS, AND ASSOCIATED METHOD, FOR SELECTING MULTIPLE FILES AT A CONSUMER ELECTRONICS DEVICE

United States Patent Application 20110265033 | Filed October 27, 2011
Inventors: Don Lindsay

Don Lindsay's Honors and Awards

Red Dot Award for Product Design, 2011

Red Dot
April 2011
<http://en.red-dot.org/2783.html?&cHash=912e8c5f2019d61c648761fa6cf612e3&detail=8427>

Red Dot Award for Product Design, 2013

Red Dot
March 2013
<http://press.blackberry.com/press/2013/the-blackberry-z10-is-awarded-for-high-design-quality-in-the-red.html>

Don Lindsay's Skills & Expertise

User Experience User-centered Design Interaction Design User Interface User Interface Design User Experience Design
Experience Design Information Architecture Usability Testing Mobile Applications Human Computer Interaction Mobile Devices
User Research Information Design iPhone Task Analysis Accessibility Usability Engineering Rapid Prototyping
Contextual Inquiry

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EXHIBIT 23

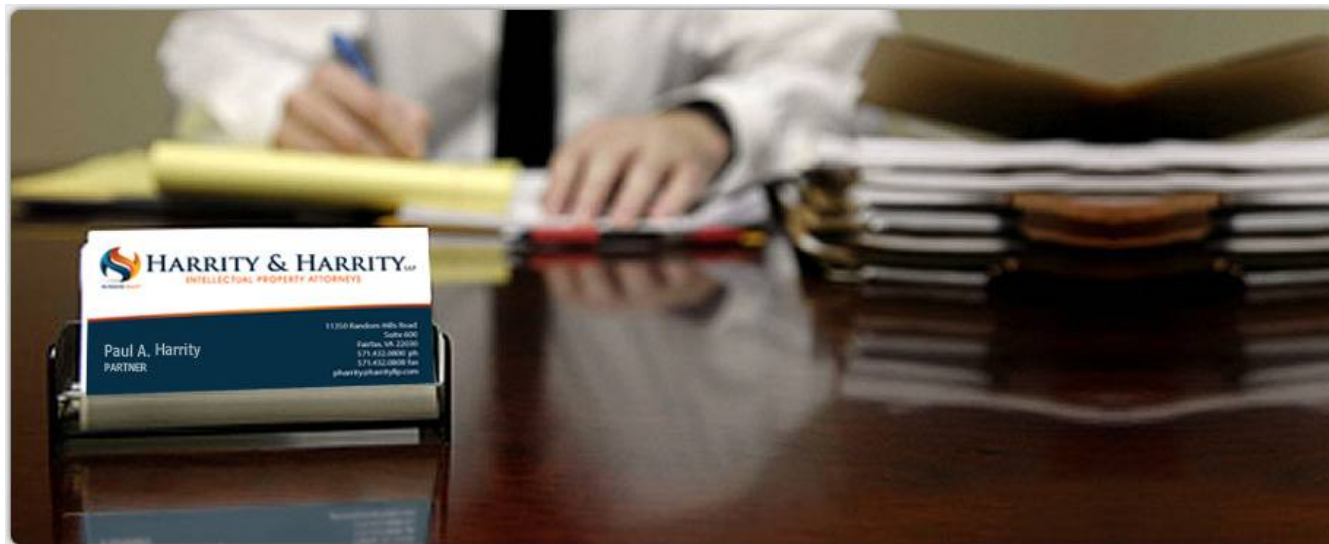
<p>Massachusetts Board of Bar Overseers of the Supreme Judicial Court 99 High Street Boston, Ma. 02110 Attorney Status Report</p>	
<p>Robert A. Greenberg Intel Americas 978-760-3189 HD2-305 77 Reed Road Hudson MA 01749</p> <p>Admitted to the bar on 03/23/98 Board of Bar Overseers number: 637420 Current status is Active</p>	<p>Full office addresses listed for Active, IHC, and 304 status attorneys only.</p>
<p>This attorney has certified that he or she does not carry malpractice insurance because the attorney is solely employed either as a government lawyer or by an organizational client (such as a corporation).</p> <p>This attorney has no record of public discipline.</p>	<p>Data as of 03/20/14</p>

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Our Professionals



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Paul Harrity is a patent attorney with considerable experience in client counseling and preparing and prosecuting patent applications. Paul started his career in patent law 21 years ago as a Patent Examiner with the United States Patent and Trademark Office. Since leaving the Patent Office 17 years ago, Paul has prepared hundreds of patent applications and thousands of Patent Office responses. Paul has considerable experience in the areas of computer hardware and software systems, telecommunications systems and methods, business methods, Internet hardware and software systems, and optical systems. In addition to patent preparation and prosecution experience, Paul has provided opinions on infringement and validity of patents.

Prior to forming Harrity & Harrity, LLP, Paul worked as a patent agent and later as an associate at the law firm of Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. While at Finnegan, Paul counseled clients, both domestic and foreign, and specialized in patent prosecution and preparation. Paul also worked in-house, on a temporary basis, for one of Finnegan's clients.

At the Patent Office, Paul examined patent applications in the areas of computer hardware and database systems.

Prior to joining the Patent Office, Paul gained valuable industry experience as a troubleshooter at IBM and a design engineer at General Dynamics.

Education:

The George Washington University National Law Center (J.D.) - 1998
Pennsylvania State University (B.S.E.E.) - 1989

Admitted:

District of Columbia – 1999 (inactive)

TESTIMONIALS

"Harrity & Harrity, LLP goes above and beyond to make a happy, enjoyable work place and I feel lucky to be a part of such an awesome law firm."

- Ashley

NEWS / EVENTS

20 June Intellectual Property: A Key Driver of our Economy

5 June USPTO and KIPO Announce Launch of Cooperative Patent Classification System Pilot

7 apr Exclusive Interview with Asa Kling, Israel Patent Office Director

Commonwealth of Virginia - 1998

Registered to practice before the United States Patent and Trademark Office - 1995

Affiliations:

American Bar Association

American Intellectual Property Law Association

Virginia Bar Association

Federal Circuit Bar Association

Penn State Alumni Association

Eta Kappa Nu Honor Society

Intellectual Property Owners Association

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ATTORNEYS:

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- Andrew W. Stone
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- Gordon W. Thomas
- William Thomas Watts Jr.
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- Alan S. Wernick
- James C. Wheeler
- Chris Wilson
- Bruce A. Wobeck
- Alison S. Woodrow
- Gerald W. Woods

Richard M. Lehrer

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Large Firm Experience:

- Baker Hostetler LLP
- Mintz Levin PC
- Gibbons PC

Bar Admissions:

- New York -2nd Circuit
- New Jersey -Supreme
- U.S. District Court -Northern District, NY
- Eastern District, NY
- New Jersey
- U.S. Patent & Trademark Office

Education:

- Brooklyn Law School *J.D.*, 1993
- The Cooper Union *B.E.E.E.*, 1991

Biography:

Mr. Lehrer is a registered patent attorney with 18+ years of experience in all aspect of Intellectual Property law. with a focus on hi-tech patent litigation, prosecution, licensing and opinions. He routinely assists his clients, who have ranged from individual inventors to fortune 100 companies, with intellectual property portfolio management and enforcement programs.

Mr. Lehrer has litigated various patent, trademark and copyright matters in both state and federal courts throughout the United States. He has had multiple first chair jury trial experiences and has been counsel of record in many reported decisions. He has also prepared and negotiated numerous license agreements related to patents and technological know-how.

Mr. Lehrer has drafted and prosecuted over 150 original patent applications and supervised and/or taken over the prosecution of many others. He has also prosecuted numerous US and International trademark applications.

Mr. Lehrer's particular technical specialties are in the areas of computers (hardware, software, networks, virtual private networks, Internet), telephones (hardwired, wireless, cellular, remote access, Voice over Internet Protocol (VoIP)), telephone switches, call centers, base transceiver stations, optical switches, electrical circuits and devices, video broadcasting, video conferencing, video-on-demand, Lasers, micro-electronic mirrors, medical devices (Laser, catheters and electrical nerve stimulation devices), toys, novelty items, packaging, statues, Internet commerce, business methods and various mechanical devices.

Publications

- Richard M. Lehrer assisted by Jody Schecter – Overuse of the Inequitable Conduct Defense –BNA Patent, Trademark & Copyright Journal (2009)
- 4811-6237-8769, v. 1





Brian J. McNamara

Retired Partner

bmcnamara@foley.com



Brian J. McNamara is a retired partner in Foley's Washington, D.C. office. As a member of the firm's Sports Industry Team, his legal experience included patent, trademark, and copyright protection, licensing and litigation, and the protection of trade secrets. In the area of sports law, Mr. McNamara obtained several patents on sporting goods including portable lacrosse goals that meet NCAA standards. He also filed a patent application for an Internet virtual sports league.

Mr. McNamara's technical specialties included analog and digital electrical and electronic technologies, computer hardware and software, artificial intelligence systems, and telecommunications technologies. His litigation experience involved the representation of clients in the federal district courts and before the U.S. Patent and Trademark Office (patent interferences, trademark oppositions and cancellation proceedings, and ex parte appeals).

Mr. McNamara's technical knowledge included analog and digital electronics, computer hardware and software, artificial intelligence systems, and telecommunications. He was a senior design engineer at Westinghouse Electric for

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Litigation

eight years and was principal engineer in charge of systems engineering and business development at ARINC Research Corporation for six years.

Mr. McNamara has published in scientific journals and symposium proceedings as well as in legal publications, such as *Electronics & Computer Patent & Copyright*, published by the Patent Resources Institute. He authored a chapter titled, "Intellectual Property Due Diligence," which, until recently, was published in the treatise *Drafting License Agreements* by Aspen Publishers. For many years, he was also an adjunct professor of law at George Mason University, where he taught Internet Law.

In recognition of his experience, Mr. McNamara has been Peer Review Rated as AV® Preeminent™, the highest performance rating in Martindale-Hubbell's peer review rating system.

Mr. McNamara graduated from Manhattan College (B.S., electrical engineering); Johns Hopkins University (M.S., electrical engineering and M.A.S., administrative science); and the University of Maryland (J.D., with honors, 1986), where he was a member of the Moot Court Board. He is a member of the Institute of Electrical and Electronics Engineers, the American Intellectual Property Law Association, the District of Columbia Bar Association, and the Anne Arundel County, Maryland State and American Bar Associations.

Publications and Presentations:

- "Patenting Computer Hardware and Software," Japanese Intellectual Property Association, Washington, D.C., October 27, 2009
- "Charting The Course to a Service Provider Safe Harbor – The Veoh Cases Under The Digital Millennium Copyright Act," MD State Bar Convention, Intellectual Property Law Section Proceedings, June 2009
- "Is MySpace Really Mine? Licensing, Ownership and Infringement In WEB 2.0 – Content Licensing Approaches," Pike & Fischer Seminar, Washington, D.C., November 2008

- "Developments in Copyright Law – Adapting to Changing Technologies and Business Models," published by *National Business Institute*, October 2008
- "Principles of Intellectual Property Protection – Patents, Trade Secrets, Trademarks and Copyrights," University of Maryland School of Engineering – Capstone lecture, 2007 and 2008
- "Protection of Intellectual Property in Computer Hardware and Software (Patents and Copyrights)," Japanese Intellectual Property Association, October 2007

FINNEGAN



James T. Wilson

Partner

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James Wilson litigates complex intellectual property cases. He has participated in appeals to the Federal Circuit, claim construction (*Markman*) proceedings, and hearings. He has conducted direct and cross examinations in complex, multiple-patent litigations, obtained discovery from multinational corporations, and taken and defended numerous depositions.

Mr. Wilson's experience includes all aspects of patent law, including patentability opinions, patent prosecution, defensive and offensive patent portfolio assessment, patent infringement opinions, and patent and trade secret litigation in federal district courts, at the Federal Circuit, and at the U.S. International Trade Commission.

Mr. Wilson is skilled in a range of technical areas, including networking, ATM, SONET, digital and analog hardware, semiconductor devices, software, optics, and control systems technologies.

Highlights

- Direct and cross-examination responsibilities during an eight-day jury trial for Telcordia Technologies, Inc., that resulted in findings that Cisco Systems, Inc., willfully infringed two of Telcordia's patents.
- Represented Nikon Corp. in an appeal to the Federal Circuit from a decision of the U.S. International Trade Commission.
- Represented a manufacturer of wireless networking cards regarding trade-secret misappropriation.
- Represented a manufacturer of oscilloscopes regarding patent infringement.
- Represented manufacturers of computer and networking equipment concerning Intel Corporation's charges of patent infringement.
- Represented manufacturer of alkaline batteries in

Practice

- Litigation
 - Trial
 - ITC Section 337 Patent Litigation
 - Appeals
 - Trade Secret Litigation
- Patent Office Practice
 - Patent Prosecution
- Patent Transactions and Strategic Counseling
 - Opinions and Counseling

Industry

Electrical and Computer Technology

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Bar and Court Admissions

District of Columbia
Virginia
U.S. Court of Appeals,
Federal Circuit
U.S. Supreme Court
U.S. Patent and Trademark
Office

Education

American University,
Washington College of Law
J.D., *magna cum laude*,
1999
Pennsylvania State
University
B.S.E.E., with distinction,
1990

proceedings before the U.S. International Trade Commission.

- Served as a patent examiner at the U.S. Patent and Trademark Office.
- Argued before the D.C. Court of Appeals in a pro bono appeal.

Professional Activities

- American Bar Association
- Federal Circuit Bar Association
- American Intellectual Property Law Association

Select Publications

- "[5 Tips for a Winning Petition for Inter Partes Review](#)," *Corporate Counsel*, Oct. 15, 2013.
- Coauthor. "[A Proposal to Remove Uncertainty from Claims of Small Entity Status before the USPTO by Correcting and Enhancing SBA and USPTO Regulations](#)," *Bloomberg Law Reports*, Jan. 19, 2010.

FINNEGAN



E. Robert Yoches

Partner

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Bob Yoches has extensive experience in patent infringement litigation, especially in the Northern District of California, the Eastern District of Texas, and the International Trade Commission. He also has a great deal of experience representing clients from Asia, particularly, Taiwan, China, and Japan, often in complex cases involving electronic and computer technologies.

Mr. Yoches also counsels clients in intellectual property matters including portfolio management, licensing, trade secret protection and copyright protection of software.

Mr. Yoches writes frequently on patent-related topics, and speaks before academic, business, and legal communities in the U.S. and Asia on intellectual property issues.

Highlights

- Representative cases in the telecommunications area include *Moll v. Northern Telecom*, 1997 U.S. App. LEXIS 17607 (Fed. Cir. 1997) (for Northern Telecom); *Nortel Networks, Ltd v. Ciena Corp.* (settled in 2003 with a \$25 million payment to client Nortel); *UTStarcom, Inc., v. Starent Networks Corp.*, 2007 U.S. App. LEXIS 8739 (Fed. Cir. 2007) (for Starent); *UTStarcom, Inc. v. Starent Networks Corp.* (for Starent, settled 2009); *Certain Audiovisual Components and Products Containing Same*, 337-TA-837 (ITC) (for Realtek).
- Representative cases in the computer area include *AccuScan, Inc. v. Xerox Corp.*, 2001 U.S. App. LEXIS 11534 (Fed. Cir. 2001) (for Xerox); *Insight Dev. Co. v. Hewlett-Packard Co.*, 2002 U.S. App. LEXIS 15634 (Fed. Cir. 2002) (for Hewlett-Packard); *In re Certain Digital Processors, Digital Processing Systems, Components Thereof, and Products Containing Same*. Investigation No. 337-TA-529 (for BIAx, settled in 2005); *BIAx Corp. v. Intel Corp.*, 2007 U.S. Dist. LEXIS 14250 (E.D. Tex. 2007) (for

Practice

Litigation

Pre-Trial Strategy

Trial

ITC Section 337 Patent Litigation

Patent Transactions and Strategic Counseling

Opinions and Counseling

Licensing, Pooling, and Other Transactions

Patent Office Practice

Patent Prosecution

Industry

Business Method Patents

Electrical and Computer Technology

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Bar and Court Admissions

District of Columbia
U.S. Court of Appeals,
Federal Circuit
U.S. Supreme Court
U.S. Patent and Trademark
Office

Education

University of Pennsylvania
Law School
J.D., 1980
University of Colorado,
Boulder
B.S., Electrical Engineering
and Computer Science,
with highest honors, 1974

BIAX, settled in 2007); *Nuance v. ABBYY* (N.D. Cal. 2013) (for ABBYY).

- Serves on the editorial boards of *The Computer Law Reporter* (since 1992) and the *Internet Newsletter* (since 1996).
- Writes the chapter on litigation for *Software Patents*.
- Member of the board of editors of *Internet Law and Strategy*.
- Former adjunct professor at George Mason University Law School.

Professional Recognition

- Recognized as an "IP Star" in Washington, DC and Taipei, by *Managing Intellectual Property*, 2013.
- Selected by his peers for inclusion in *The Best Lawyers in America*, 2005-2014.
- Recognized as a leading patent litigator in the D.C. area by *Intellectual Asset Management*, 2011-2012.

Professional Activities

- Bar Association of the District of Columbia
- District of Columbia Bar (vice chair, Steering Committee, Computer Law Division, 1985-1986; chair, 1986-1987)
- D.C. Computer Law Forum (Board of Directors, 1992-1993)
- Licensing Executives Society (vice chair, Computer Industry Committee, 1993-1995; chair, Telecommunications Industry Committee, 1996-1998; chair, Information Technologies and Electronics Industries Section, 1998-2000; Board of Trustees, 2002-2004)
- Advanced Computer Law Institute (chair, 1992-2002)

Select Publications

- Coauthor. "How to Determine a RAND Royalty," *Commercial Times*, March 11, 2014.
- Coauthor. "[New Legal Maneuver Helps Companies Stymie Business-Method Patent Litigation](#)," *Wired Innovation Insights*, Feb. 13, 2014.
- Coauthor. "[Securing IP Rights in a 3D-Printing World](#)," *American Intellectual Property Law Association*, Dec. 18, 2013.
- Coauthor. "Recent Federal Circuit Decisions on Patent Damages: Good News for Taiwan Companies," *Commercial Times*, Aug. 2013.
- Coauthor. "[IP Laws Don't Easily Translate to 3D Printing, But Savvy Designers Can Work Around That](#)," *Wired Innovation Insights*, Sept. 25, 2013.

- Coauthor. "[With TianRui, the ITC Opens the Door to Scrutiny of Business Practices Beyond U.S. Borders,](#)" *Commercial Times*, May 28, 2013.
- Coauthor. "[ITC's Extraterritorial Authority: TianRui 'Opens the Door to Scrutiny of All Business Practices' Outside the United States,](#)" *BNA's Patent, Trademark & Copyright Journal*, May 17, 2013.
- Coauthor. "[Borrowing Patents: An Idea Whose Time Has Not Yet Come,](#)" *Commercial Times*, Jan. 8, 2013.
- "[Lessons from the Smartphone Wars,](#)" *MIP Chinese edition*, Dec. 2012.
- "[How the AIA May Affect United States Patent Litigation,](#)" *MIP Chinese edition*, March, 2012.

EXHIBIT 24

Intellectual Asset Management



blog

Rockstar getting ready to roll ...

Last week the US Department of Justice [announced](#) that it had closed down its antitrust investigation into the acquisition of Nortel patents by a consortium of companies at [the auction](#) which took place in New York last June. Along with the Motorola and Novell deals, it was given the green light, with the DoJ stating in a press release: "After a thorough review of the proposed transactions, the Antitrust Division has determined that each acquisition is unlikely to substantially lessen competition."

So now that clearance has been given, what happens next? As yet we do not know the answer to that question, but it is worth noting that since the auction many of the individuals who were once part of the Nortel IP team have become employees of an organisation called Rockstar Consortium Inc. Among them are [John Veschi](#) (who will be speaking at the [IP Business Congress](#) in June), previously CIPO at Nortel, now CEO of Rockstar; [Gillian McColgan](#), previously Nortel IP's CTO, now Rockstar's CTO; and [Chris Cianciolo](#), previously VP of IP law at Nortel, now holding the same position at Rockstar. One new face is CFO [Ross Morgan](#), who looks to have joined last month.

There's no website as yet, but LinkedIn has [a pretty helpful list of Rockstar employees](#). It's probably not complete, but it does indicate that Rockstar may already be a pretty sizeable organisation. It does not take a great leap of imagination to conclude that as the regulatory hurdles are cleared, the day when Rockstar Consortium Inc swings into action is drawing nearer. What kind of action that will be remains to be seen, especially given the undertakings that the DoJ says have been given regarding the portfolio's standards essential patents. However, one thing is certain - it makes sense to have the people that know the patents best still on the inside, making sure that their value is exploited to the maximum extent possible. The consortium's members will want to [make their money back](#) and then some more as soon as possible.

Sectors

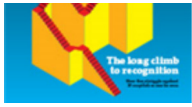
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EXHIBIT 25

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Chris Cianciolo

3rd

Senior Intellectual Property Counsel at Tyco International
Westford, Massachusetts | Electrical/Electronic Manufacturing

Previous Saint-Gobain, Nortel Networks, Digital Equipment Corporation
Education Northeastern University

[Connect](#) [Send Chris InMail](#)

225 connections

www.linkedin.com/pub/chris-cianciolo/10/ba2/4a4

Background

Experience

Senior Intellectual Property Counsel

Tyco International
November 2012 – Present (1 year 5 months) | Westford, MA

Intellectual Property Counsel

Saint-Gobain
March 2012 – November 2012 (9 months) | Worcester, Ma

Responsible for all Intellectual Property matters regarding the Office of the Scientific Director, Fuel Cells, Crystals, Industrial Fabrics, High performance refractories and University Agreements

Vice President Intellectual Property Law

Nortel Networks
1999 – March 2012 (13 years)



1 recommendation

Eric Jensen
Intellectual Property Lawyer

Chris is an excellent lawyer, with superior analytical skills, excellent negotiation and business judgment, who consistently over performed. Chris worked on high profile M&A transactions, and worked well with senior management due to his ability to... [View ↓](#)

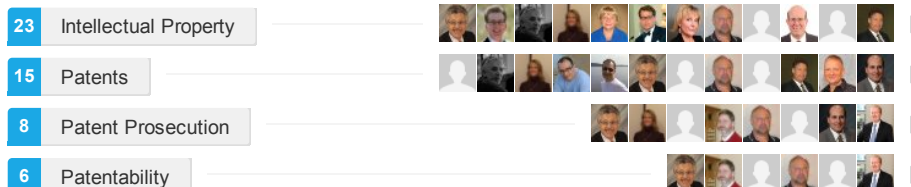
Patent Attorney

Digital Equipment Corporation
1986 – 1998 (12 years)



Skills & Endorsements

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People Also Viewed




- Gerry Bluhm**
Sr. IP Counsel at Tyco Safety Products
- Erik Fako**
Lead Patent Counsel, Assertion/Litigation
- Joseph Hogan**
Assistant General Counsel - Tyco Safety Products at Tyco International
- Thomas G. Field III**
Associate General Counsel - Intellectual Property at Saint-Gobain Corporation
- Lindsay McGuinness**
Deputy General Counsel, V.P. Chief Patent Counsel, Hologic Inc.
- Matthew Kelly**
Chief Intellectual Property Counsel
- Claudio Morfe**
Vice President & General Counsel at Ericsson
- Werner Fröhling**
Managing Director & Chief IP Counsel
- Eric Jensen**
Intellectual Property Lawyer
- Jonathan Penn**
Director, Intellectual Property

- 5 Patent Litigation 
- 5 Privacy Law 
- 4 IP 
- 4 Mergers & Acquisitions 
- 3 Trademarks 
- 3 Licensing 

Chris also knows about...

- 3 Corporate Law
- 3 Joint Ventures
- 2 Invention
- 2 Due Diligence
- 2 Trade Secrets
- 1 Mergers
- 1 Contract Negotiation
- 1 Software Patents
- 1 Client Counseling

 Education

- Northeastern University**
Masters Electrical Engineering, Electrical Engineering 
- Northeastern University**
Bachelors Electrical Engineering, Electrical Engineering 
- Suffolk University Law School**
Juris Doctorate, Intellectual Property Law 

Recommendations

Received (1) ▾

Vice President Intellectual Property Law
Nortel Networks

Eric Jensen
Intellectual Property Lawyer

“ Chris is an excellent lawyer, with superior analytical skills, excellent negotiation and business judgment, who consistently over performed. Chris worked on high profile M&A transactions, and worked well with senior management due to his ability to explain complex legal issues and associated risks in a manner lay people can easily understand. Chris not only excelled at... [more](#) ”

October 13, 2009, Eric managed Chris at Nortel Networks

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EXHIBIT 26

Table C-5.
U.S. District Courts—Median Time Intervals From Filing to Disposition of Civil Cases
Terminated, by District and Method of Disposition,
During the 12-Month Period Ending June 30, 2013

Circuit and District	Total Cases		No Court Action		Court Action					
	Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months	Before Pretrial		During or After Pretrial		Trial	
					Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months
TOTAL	199,639	8.5	43,581	5.0	129,022	8.6	24,261	12.6	2,775	23.7
DC	1,943	9.0	776	7.3	1,111	10.3	12	34.6	44	43.0
1ST	5,385	10.5	1,100	3.7	2,927	11.4	1,257	15.2	101	30.1
ME	357	7.5	141	5.9	196	8.6	18	17.4	2	-
MA	2,472	8.4	646	3.0	791	7.2	974	15.1	61	31.1
NH	454	8.4	89	3.3	186	5.6	168	13.8	11	18.3
RI	1,121	27.9	80	6.7	998	31.1	32	14.3	11	40.4
PR	981	12.7	144	6.4	756	13.1	65	20.7	16	29.5
2ND	18,348	8.8	3,806	5.2	10,594	8.5	3,615	12.2	333	32.2
CT	1,655	10.6	834	8.3	707	11.3	69	16.5	45	38.4
NY,N	1,160	11.9	239	5.2	585	12.3	304	16.0	32	28.8
NY,E	5,624	8.8	1,210	5.8	3,152	8.3	1,158	12.1	104	30.5
NY,S	8,270	8.3	1,162	4.2	4,924	7.3	2,046	11.5	138	29.2
NY,W	1,370	8.0	326	2.8	1,001	9.8	32	37.4	11	68.0
VT	269	8.8	35	4.0	225	9.2	6	-	3	-
3RD	24,469	9.4	2,523	3.9	18,088	10.1	3,557	11.7	301	26.9
DE	1,264	8.0	452	4.7	686	9.0	82	11.6	44	33.0
NJ	5,953	6.1	528	3.8	3,368	3.5	1,994	13.0	63	35.6
PA,E	13,614	15.1	583	3.2	11,598	18.0	1,318	9.4	115	17.5
PA,M	1,483	7.1	459	4.4	924	7.8	61	18.6	39	28.7
PA,W	1,918	6.2	360	2.8	1,502	7.1	37	24.3	19	27.0
VI	237	17.8	141	13.1	10	31.0	65	19.2	21	31.9
4TH	12,387	7.5	2,331	5.5	8,367	7.2	1,505	10.2	184	19.2
MD	3,196	7.8	429	6.7	2,131	6.2	582	12.9	54	27.9
NC,E	1,086	8.9	324	7.8	748	9.4	7	-	7	-
NC,M	573	11.4	364	10.1	172	12.9	26	19.1	11	21.4
NC,W	906	8.1	291	5.0	510	8.8	90	12.8	15	25.2
SC	2,359	8.9	252	3.9	1,949	9.0	128	12.0	30	21.5
VA,E	2,354	5.2	332	3.2	1,387	4.3	588	7.8	47	11.9
VA,W	682	7.1	183	3.0	436	8.5	54	9.6	9	-
WV,N	394	8.3	99	6.1	285	9.0	7	-	3	-
WV,S	837	7.5	57	2.9	749	7.6	23	19.0	8	-

Table C-5. (June 30, 2013—Continued)

Circuit and District	Total Cases		No Court Action		Court Action					
	Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months	Before Pretrial		During or After Pretrial		Trial	
					Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months
5TH	22,882	10.7	5,168	5.7	15,502	12.0	1,880	13.3	332	21.6
LA,E	6,273	26.0	176	1.1	5,147	31.1	894	14.5	56	19.9
LA,M	596	11.4	169	9.7	381	11.3	32	17.4	14	34.7
LA,W	1,366	12.6	496	8.8	781	14.1	51	20.5	38	26.2
MS,N	606	10.4	208	7.6	229	10.6	158	14.1	11	28.5
MS,S	1,442	10.1	723	7.9	668	11.4	28	20.1	23	18.4
TX,N	3,311	6.7	600	5.6	2,661	6.8	2	-	48	21.3
TX,E	2,523	8.3	622	6.5	1,830	8.6	30	20.5	41	25.5
TX,S	4,474	7.2	1,456	4.1	2,374	8.3	588	9.5	56	21.3
TX,W	2,291	7.3	718	6.2	1,431	6.9	97	17.0	45	19.5
6TH	16,534	8.9	5,017	4.7	7,646	8.9	3,682	12.6	189	25.5
KY,E	1,056	9.0	157	4.4	866	9.0	22	23.6	11	28.0
KY,W	1,124	8.1	310	4.3	761	8.9	43	13.7	10	36.2
MI,E	4,453	7.7	1,044	3.2	1,592	5.3	1,776	13.2	41	21.4
MI,W	1,134	7.3	211	2.0	652	7.3	256	12.3	15	21.8
OH,N	2,939	8.5	881	4.1	1,252	11.7	783	10.1	23	24.7
OH,S	2,228	9.8	858	5.2	687	11.0	653	12.9	30	33.6
TN,E	1,247	10.3	616	5.6	492	12.2	116	14.8	23	22.3
TN,M	1,249	10.7	241	14.6	978	10.0	10	19.3	20	25.9
TN,W	1,104	10.9	699	10.1	366	11.1	23	22.8	16	22.8
7TH	15,706	7.6	4,374	5.5	8,904	7.0	2,224	12.6	204	26.7
IL,N	8,791	6.7	2,450	5.8	5,539	6.3	694	11.2	108	28.6
IL,C	769	9.3	321	6.9	428	10.5	5	-	15	41.2
IL,S	1,106	10.7	482	10.9	590	10.3	12	26.3	22	24.5
IN,N	1,312	10.0	369	3.5	445	8.7	479	16.4	19	29.5
IN,S	2,038	8.8	305	3.4	933	6.6	790	12.4	10	32.1
WI,E	1,030	6.7	224	3.2	767	7.2	23	16.3	16	18.2
WI,W	660	6.1	223	2.6	202	6.4	221	11.0	14	14.5
8TH	13,885	12.2	4,853	7.4	7,943	13.6	915	13.3	174	21.9
AR,E	4,108	46.7	1,017	47.0	3,056	46.6	4	-	31	18.8
AR,W	877	11.7	126	10.3	733	11.8	2	-	16	19.8
IA,N	413	9.9	82	8.5	318	9.8	2	-	11	22.2
IA,S	503	8.2	84	4.3	304	7.1	102	14.6	13	22.1
MN	2,836	5.6	1,357	2.5	721	5.6	736	12.5	22	24.7
MO,E	2,269	10.6	1,076	9.4	1,150	11.1	10	19.8	33	22.4
MO,W	1,970	9.4	945	5.5	957	11.3	45	15.6	23	20.3
NE	507	8.7	40	2.4	438	9.0	11	17.8	18	23.3
ND	173	8.4	10	1.1	160	8.5	1	-	2	-
SD	229	12.4	116	11.8	106	12.7	2	-	5	-

Table C-5. (June 30, 2013—Continued)

Circuit and District	Total Cases		No Court Action		Court Action					
	Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months	Before Pretrial		During or After Pretrial		Trial	
					Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months	Number of Cases	Median Time Interval in Months
9TH	34,127	6.9	9,122	4.6	21,676	7.0	2,879	13.4	450	23.1
AK	256	9.0	49	5.2	198	9.2	2	-	7	-
AZ	2,380	7.2	105	2.4	2,090	7.1	156	14.6	29	25.4
CA,N	4,934	6.6	781	3.7	2,662	4.9	1,441	12.2	50	27.5
CA,E	2,906	8.8	1,068	6.0	1,754	10.3	62	17.4	22	31.5
CA,C	11,987	5.6	4,106	4.9	7,576	5.8	143	16.6	162	20.4
CA,S	2,321	6.6	343	3.4	1,223	5.2	724	13.2	31	26.5
HI	685	9.6	340	7.1	281	9.3	45	19.6	19	11.7
ID	493	9.9	42	1.6	366	9.8	74	18.1	11	28.1
MT	458	8.6	163	3.9	172	8.5	112	14.0	11	19.0
NV	2,159	8.8	348	5.3	1,703	9.2	81	8.3	27	39.9
OR	1,798	10.2	631	7.3	1,124	11.2	8	-	35	20.2
WA,E	742	10.0	298	5.2	426	13.0	9	-	9	-
WA,W	2,955	6.2	821	2.4	2,083	7.7	14	16.2	37	20.1
GUAM	26	16.8	6	-	14	18.4	6	-	0	-
NMI	27	32.1	21	21.1	4	-	2	-	0	-
10TH	8,535	8.5	2,314	5.4	5,038	8.5	1,015	13.8	168	23.1
CO	2,611	6.3	817	4.2	1,606	6.3	125	18.0	63	22.7
KS	1,272	7.8	378	5.0	772	8.0	102	18.5	20	25.8
NM	910	8.9	345	6.9	358	9.3	189	11.9	18	25.4
OK,N	739	11.9	56	3.3	656	12.2	18	21.8	9	-
OK,E	384	11.3	209	11.0	161	11.2	10	14.3	4	-
OK,W	1,178	8.9	280	3.9	470	8.5	406	12.1	22	18.7
UT	1,232	11.0	161	6.8	963	10.8	84	21.5	24	39.1
WY	209	10.8	68	5.9	52	6.8	81	12.6	8	-
11TH	25,438	7.3	2,197	3.9	21,226	7.2	1,720	12.7	295	19.3
AL,N	2,576	8.6	78	2.5	2,441	8.5	25	25.9	32	20.9
AL,M	650	9.9	59	2.8	536	9.6	43	16.9	12	20.8
AL,S	568	8.0	110	2.8	439	8.3	12	16.5	7	-
FL,N	1,378	6.7	43	2.3	1,315	6.8	8	-	12	22.9
FL,M	8,004	10.8	441	4.7	7,351	10.9	129	18.5	83	20.0
FL,S	6,772	5.0	586	3.7	5,997	5.0	82	12.0	107	16.3
GA,N	4,171	6.7	440	2.6	2,298	5.0	1,408	11.6	25	24.9
GA,M	753	9.3	239	6.1	503	10.8	1	-	10	20.8
GA,S	566	8.1	201	6.6	346	9.6	12	26.4	7	-

NOTE: Median time intervals are not computed when fewer than 10 cases reported. This table excludes land condemnations, prisoner petitions, deportation reviews, recovery of overpayments, and enforcement of judgments. Includes cases filed in previous years as consolidated cases that thereafter were severed into individual cases. For fiscal years prior to 2001, this table included data on recovery of overpayments and enforcement of judgments.