JOHN C. JAROSZ Managing Principal

Phone: (202) 530-3980 Fax: (202) 530-0436

john.jarosz@analysisgroup.com

Analysis Group, Inc. 800 17th Street, NW Suite 400 Washington, DC 20006

John Jarosz, a Managing Principal of Analysis Group, Inc., specializes in applied microeconomics and industrial organization. He has performed research, given economic testimony and provided strategy consultation in intellectual property, licensing, and commercial damages matters, including

- evaluation of damages in patent, copyright, trade secret, trademark and unfair competition cases (including lost profits, reasonable royalties, price erosion, unjust enrichment, accelerated market entry, and prejudgment interest);
- evaluation of injunctive relief and commercial success in a variety of intellectual property cases;
- strategy consultation regarding the nature and value of technology, methods to share technology and reasonable compensation terms;
- analysis of compliance with FRAND/RAND commitments; and
- general commercial damages testimony in a variety of cases and across numerous industries.

Mr. Jarosz received a J.D. from the University of Wisconsin. Mr. Jarosz holds an M.A. in Economics from Washington University in St. Louis, where he was a Ph.D. candidate and completed most of the program requirements. He also holds a B.A. in Economics and Organizational Communication from Creighton University in Omaha, Nebraska.

Prior to joining Analysis Group, Mr. Jarosz was a Director with Putnam, Hayes & Bartlett, Inc. Before that, he was a Senior Analyst with Richard J. Barber Associates, a Section Supervisor with Mutual of Omaha Insurance and a Research Analyst with the Center for the Study of American Business.

EDUCATION

J.D. University of Wisconsin

M.A. & Ph.D. candidate Economics, Washington University, St. Louis

B.A., Summa Cum Laude Economics and Organizational Communication, Creighton University



PROFESSIONAL ASSOCIATIONS/MEMBERSHIPS

- American Economic Association
- American Law and Economics Association
- American Bar Association (Sections: Intellectual Property, Antitrust and Litigation)
- State Bar of Wisconsin (Section: Intellectual Property)
- American Intellectual Property Law Association (Sections: Federal Litigation, Licensing, Trade Secrets and Antitrust)
- Licensing Executives Society
 - Former Chair, Valuation and Taxation Committee
 - Former Member, Certified Licensing Professional Exam Writing Team
- Former Advisory Board The IP Litigator
- Former Columnist (Damage Awards) The IP Litigator
- Omicron Delta Epsilon (International Honor Society in Economics)
- Association of University Technology Managers
- Certified Licensing Professional
- Intellectual Property Owners Association (Committee: Damages and Injunctions)
- 2011 Presidential Rank Review Board
- Referee, Journal of Forensic Economics
- The Sedona Conference (Sections: Best Practices in Patent Litigation, Patent Damages and Remedies)
- IAM Patent 1000 (2014, 2015, 2016): The World's Leading Patent Practitioners Economic Experts
- IP Law360: Voices of the Bar

TESTIMONIAL EXPERIENCE

Patent Cases – Damages

Syngenta Crop Protection, LLC v. <u>Willowood, LLC, Willowood USA, LLC, Willowood Azoxystrobin, LLC, and Willowood Limited</u>

US District Court, Middle District of North Carolina (Case No. 1:15-cv-274)
Trial and deposition testimony and expert report: damages and prejudgment interest related to alleged patent and copyright infringement involving crop fungicide.



Integra Lifesciences Corporation, Integra Lifesciences Sales, LLC, Confluent Surgical, Inc., and Incept, LLC v. Hyperbranch Medical Technology, Inc.

United States District Court, District of Delaware (Case No. 15-cv-00819)

Deposition testimony and expert reports: lost profits, price erosion, reasonable royalty, prejudgment interest, preliminary relief, and commercial success involving patents directed to cranial and spinal dural repair sealants.

- Blue Spike, LLC v. <u>Toshiba America, Inc., and Toshiba Corporation</u>
 US District Court, Eastern District of Texas (Tyler Division) (Case No. 6:16-CV-430-RWS-JDL)
 Damages hearing and early expert report: damages related to alleged patent infringement involving address space layout randomization ("ASLR") technology.
- Audio MPEG, Inc., U.S. Philips Corporation, TDF SAS, and Institut Für Rundfunktechnik GmbH v. Dell, Inc.

United States District Court, Eastern District of Virginia, Norfolk Division (Case No. 1:15-CV-1674 AJT/TCB)

Deposition testimony and expert report: analysis of patent pool compliance with FRAND commitments and determination of FRAND-compliant royalties involving patents directed to the transmission and storage of digital audio files.

Koninklijke Philips Electronics N.V. and Philips Electronics North America Corporation v.
 ZOLL Medical Corporation

United States District Court, District of Massachusetts (Case No. 1:10-cv-11041)
Trial and deposition testimony and expert report: lost profits, reasonable royalty damages, and prejudgment interest related to alleged patent infringement involving external defibrillators.

- Erfindergemeinschaft UroPep GbR v. Eli Lilly and Company and Brookshire Brothers, Inc. US District Court, Eastern District of Texas, Marshall Division (Case No. 2:15-cv-1202-WCB)

 Trial and deposition testimony and expert report: reasonable royalty damages related to alleged patent infringement directed to phosphodiesterase (PDE) V inhibitor(s) indicated for the treatment of benign prostatic hyperplasia.
- Koninklijke Philips Electronics N.V. and Philips Electronics North America Corporation v. ZOLL Lifecor Corporation

United States District Court, Western District of Pennsylvania (Case No. 2:2012-cv-01369)
Deposition testimony and expert report: damages related to alleged patent infringement involving wearable defibrillators.

Luminara Worldwide, LLC v. Shenzhen Liown Electronics Co., Ltd, Central Garden and Pet Co., et al.; Shenzhen Liown Electronics Co., Ltd, Central Garden and Pet Co. v. Luminara Worldwide, LLC, et al.; and Luminara Worldwide, LLC v. Shenzhen Liown Electronics Co., Ltd and Central Garden and Pet Co., et al.

United States District Court, District of Minnesota (Case Nos. 14-cv-03103 (SRN/FLN) and 15-cv-03028 (SRN/FLN))

Deposition testimony and expert reports: damages associated with alleged patent infringement and breach of contract, and unjust enrichment associated with breach of non-disclosure agreement and use of trade secrets, related to flameless candle technology and distribution.



■ <u>MobileMedia Ideas LLC</u> v. Apple, Inc.

United States District Court, District of Delaware (Case No. 10-258-SLR)

Trial and deposition testimony and expert report: reasonable royalty involving patents directed to incoming call, playlist, and location detection features used in smartphones, tablets, and portable media players.

MAZ Encryption Technologies LLC v. <u>Blackberry Corporation</u>

United States District Court, District of Delaware (Case No. 1:13-cv-00304-LPS) Deposition testimony and expert report: reasonable royalty involving a patent directed to encryption/decryption methods used in smartphone and tablet operating systems.

BroadSoft, Inc. v. Callwave Communications, LLC

United States District Court, District of Delaware (Case No. 13-cv-0711-RGA)
Deposition testimony and expert report: reasonable royalty and prejudgment interest involving patents directed to telecommunications call processing.

- Advanced Video Technologies, LLC v. <u>Blackberry, LTD. and Blackberry Corporation</u> United States District Court, Southern District of New York (Case No. 1:11-cv-06604-CM-RLE) Deposition testimony and expert report: reasonable royalty and prejudgment interest involving a patent directed to video compression and decompression.
- Drone Technologies, Inc. v. Parrot S.A. and Parrot, Inc.

United States District Court, Western District of Pennsylvania (Case No. 2:14-cv-0111) Trial and deposition testimony and expert report: reasonable royalty and prejudgment interest involving a patent directed to drone technology.

Bayer CropScience AG and Bayer CropScience NV v. Dow AgroSciences LLC, Mycogen Plant Science Inc., Agrigenetics, Inc. d/b/a Mycogen Seeds LLC, and Phytogen Seed Company, LLC International Chamber of Commerce (Case No. 18892/VRO /AGF)
Arbitration hearing testimony and expert report: damages associated with alleged breach of contract and patent infringement involving genetically modified seed.

 <u>CertusView Technologies, LLC</u> v. S &N Locating Services LLC and S & N Communications, Inc.

United States District Court, Eastern District of Virginia, Norfolk Division (Case No. 2:13 –cv-346 (MSD/LRL))

Deposition testimony and expert report: reasonable royalty and prejudgment interest involving patents directed to creation of electronic sketches for utility location purposes.

■ Ecolab USA Inc. and Kleancheck Systems, LLC v. Diversey, Inc.

United States District Court for the District of Minnesota (Civil Action No. 12-cv-1984 (SRN/JJG)) Deposition testimony and expert report: lost profits, reasonable royalty, and prejudgment interest involving products covering the monitoring of hospital cleaning.

Everlight Electronics Co. Ltd., and Emcore Corporation v. Nichia Corporation and Nichia America Corporation v. Everlight Americas, Inc.

United States District Court, Eastern District of Michigan, Southern Division (Case No.4:12-cv-11758 GAD-MKM)

Trial and deposition testimony, expert report and declaration: commercial success, lost profits, reasonable royalty, and prejudgment interest involving patents directed to LEDs.



Source Search Technologies, LLC v. Kayak.com, Inc.

United States District Court, District of New Jersey (Case No. 2:11-cv-03388-FSH-MAH)

Deposition testimony and expert report: reasonable royalty and prejudgment interest involving a patent directed to online exchanges.

Universal Electronics, Inc. v. Universal Remote Control, Inc.

United States District Court, Central District of California, Southern Division (Case No.SACV12-329AG (JPRx))

Trial and deposition testimony and expert report: reasonable royalty and prejudgment interest involving patents directed to universal remotes.

• Prowess, Inc. v. RaySearch Laboratories AB, et al.

United States District Court, District of Maryland (Case No. 11 CV 1357 (WDQ))
Deposition testimony and expert report: lost profits, reasonable royalty and prejudgment interest involving patents directed to treatment planning software for radiation therapy.

JDS Therapeutics, LLC and Nutrition 21, LLC v. <u>Pfizer Inc., Wyeth LLC, Wyeth Consumer Healthcare Ltd.</u>, and Wyeth Consumer Healthcare <u>LLC</u>

United States District Court, Southern District of New York (Case No.1:12-cv-09002-JSR) Deposition testimony and expert report: commercial success, reasonable royalty, and unjust enrichment involving patents and trade secrets directed to the use of chromium picolinate in multivitamins.

comScore, Inc. v. Moat, Inc.

United States District Court, Eastern District of Virginia, Norfolk Division (Case No. 2:12CV695-HCM/DEM, Lead Case 2:12CV351-HCM/DEM)

Deposition testimony and expert report: lost profits, reasonable royalty and prejudgment interest involving patents directed to online analytics.

<u>Impulse Technology Ltd.</u> v. Microsoft Corporation, Electronic Arts, Inc., Ubisoft Holdings, Inc., and Konami Digital Entertainment Inc.

United States District Court, District of Delaware (Case No. 11-586-RGA-CJB)

Deposition testimony and expert report: reasonable royalty involving patents directed to video game motion detection functionalities.

■ LendingTree, LLC v. Zillow, Inc., NexTag, Inc., and Adchemy, Inc.

United States District Court, Western District of North Carolina, Charlotte Division (Case No. 3-:10-cv-439-FDW-DCK)

Trial and deposition testimony and expert report: lost profits, reasonable royalty and prejudgment interest involving patents directed to internet loan matching systems.

Network Protection Sciences, LLC v. Fortinet, Inc.

United States District Court, Northern District of California (Case No. 3:12-cv-01106-WHA) Deposition testimony and expert report: reasonable royalty and prejudgment interest involving patents directed to network security systems.

Shurtape Technologies, LLC and Shurtech Brands, LLC v. 3M Company

United States District Court, Western District of North Carolina (Case No.5:11-cv-00017) Deposition testimony and expert report: lost profits, reasonable royalty and prejudgment interest involving patents directed to painter's tape.



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

