



AI and Patent Firms

PRÉSENTÉE À
FICPI World Congress
Toronto, ON
June 2018

PRÉSENTÉE PAR
Louis-Pierre Gravelle
ROBIC

June 2018



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LAW
AFFAIRES
BUSINESS
BREVETS
PATENTS
MARQUES
TRADEMARKS
LITIGE
LITIGATION

How will AI transform the practice of IP

- > The Reality Show
 - Tools currently available
- > The Space Opera
 - Crystal Ball reflections
- > The Drama
 - Real issues surrounding AI

Tools

> Categories:

- Knowledge management
- Searching
- Automation
- Prediction
 - Of outcomes, i.e. examination/litigation
 - For unstructured data, i.e. email filing and triggering workflows

VENDORS

BUT you need to know what you want to do

> Kira Systems

> RAVN

> ROSS

> Neota Logic

> Lex Machina

> Legit

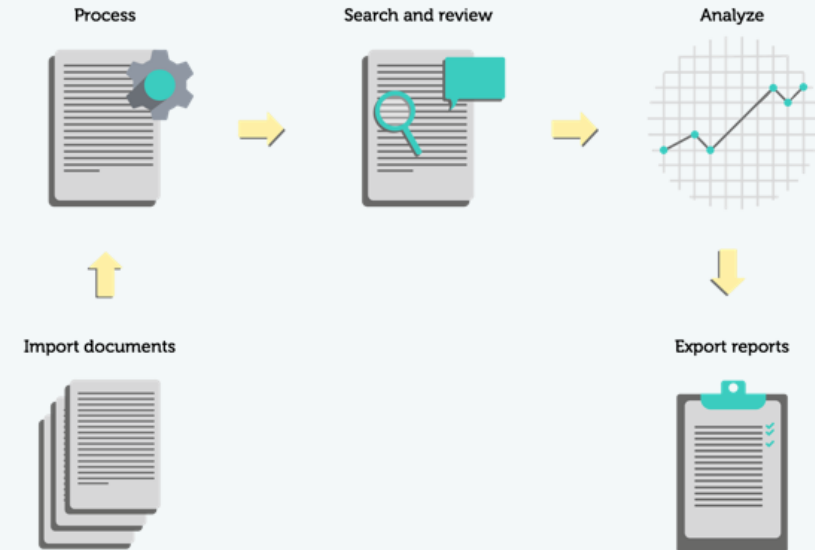
> Patsnap

> www.artificiallawyer.com

Kira Systems

The Kira contract analysis platform

Kira makes powerful machine learning artificial intelligence accessible to everyone, through an intuitive user interface that features real-time collaboration and flexible project management.



RAVN

Artificial Intelligence

Work smarter: AI makes content smarter

iManage transforms how professionals get work done by combining the power of artificial intelligence with market leading document and email management. iManage helps organizations work smarter by exposing AI capabilities in both products as well as features within the iManage product portfolio. Gain powerful information at your fingertips, get more out of your data and add value across the entire enterprise.

ROSS

PRACTICE AREAS



Bankruptcy Law

ROSS can pinpoint answers to substantive legal issues in Bankruptcy law, across Federal and State courts and agencies, including published and unpublished case law.

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Intellectual Property

ROSS can pinpoint answers to substantive legal issues in all branches of Intellectual Property law, across Federal and State courts and agencies, including published and unpublished case law, as well as administration decisions by the branches of the U.S. Patent and Trademark Office.

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Labor & Employment

ROSS can pinpoint answers to substantive legal issues in Labor & Employment law, across Federal and State courts, agencies and arbitration panels, including published and unpublished decisions.

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Neota Logic

Neota Logic is re-imagining the way professionals provide their services with AI-powered applications that intelligently automate expertise, workflow, and documents.

We believe in a future for legal services that is both automated and transformed. Where technology changes the nature of service delivery and extends the reach of experts to new audiences.

Not only do we believe in this future, Neota Logic is **making it possible** with our award winning software.

Our technology consists of an AI-powered platform and comprehensive toolset that allows professionals to rapidly build and deploy application solutions that automate their expertise, increasing productivity, improving client satisfaction and creating new business opportunities.

With AI-powered applications built with Neota Logic, businesses and professionals can at last benefit from the accurate, unbiased knowledge of the best lawyers and compliance experts on their best day, every day.

WHY NEOTA LOGIC?



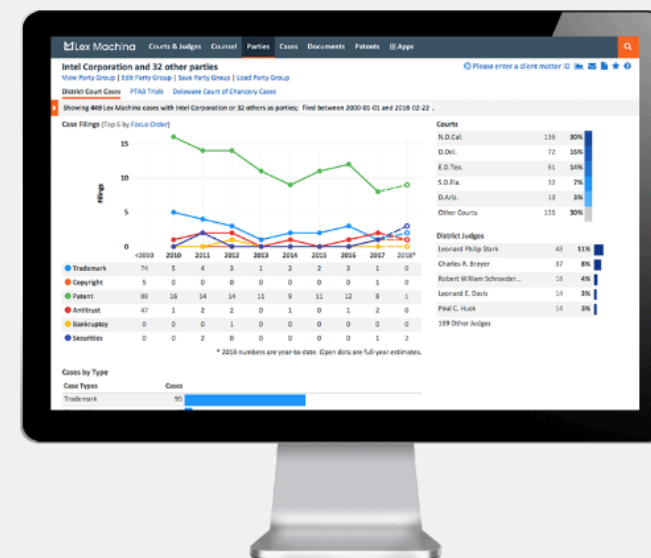
Lex Machina

What's the biggest fact of life today for attorneys in private practice?

Competition. Competition to get the client. Competition to provide the most effective — and cost effective — legal services. Competition with opposing counsel, to win the case or close a favorable deal for your client. Competition to build and sustain a successful career.

How can you increase your odds of winning in such a competitive environment?

Lawyers have traditionally competed by combining two key skills: legal research and reasoning. But now there's a third leg to the law practice stool. Legal Analytics enables lawyers to gain critical advantage in the business and practice of law. With data driven insight Lex Machina enables law firms to pitch and land new clients and win lawsuits.



Legit

legit

AI + Invention capture

Invention disclosure forms are the worst of both worlds. Inventors don't like them and don't fill them out correctly. Attorneys need to meet with inventors again and again to finalize the contents of the disclosure. All this friction means that some ideas are lost before they've been fully explored – that's money left on the table.

Responsive AI-powered software provides the remedy to both these problems. It's engaging for the inventor, accessible anywhere at any time, and scalable for the IP and R&D departments.

Quickly locate the most relevant information

IP experts need to conduct frequent, ongoing searches with the utmost accuracy, flexibility and speed. But, all too often, finding the relevant information can be a long and labour-intensive research process, especially given the huge variation in the ways in which information is presented across the world.

PatSnap's database, comprising 120 million patents from 128 jurisdictions worldwide, enables you to create highly targeted, customised searches of global data and presents all the data in easy-to-consume and consistent formats, which can be tailored to the requirements of any specific search.

PatSnap

Keeping IP protected

In an environment where the number of patents awarded each year continues to rise, protecting IP is an ever growing challenge. Without a solution that can keep track of the changes and instantly map interlinked patents and IP information, it's almost impossible to keep on top of all of the latest developments and follow end-to-end evolution of technologies.

PatSnap offers a wide range of tools and visualizations that enable experts to pinpoint specific changes in selected statuses of patents, or within a group of patents relating to any technology areas of IP portfolios of your choosing.

Simple. Instant. Reliable. AI-powered solutions for intellectual property.

Not yesterday's AI. Over the past 20 years innovation has become faster and more global. As a result, more patents are filed and issued than ever before. Attorneys and inventors have no way to process this big unstructured data. Traditional machine learning such as semantic search are too simplistic for understanding complex patent language.

Amplified ai is building tomorrow's AI. Developments in computational power, NLP, and deep learning have made it possible for a machine to read tens of millions of patents and learn specific concepts in fine detail. This powerful intelligence doesn't replace professionals, instead we augment attorneys and inventors so less time is spent on routine legal processes and more on creating new strategic value.

Amplified.ai

Less paperwork, more innovation.

Automating Prior Art Search

Instant global prior art search reports.

As former patent searchers and examiners, we know how hard a good search is. We've built an on-demand database of prior art using deep learning to read and digest over 100 million patents across multiple languages covering over 90 countries.

To verify quality we benchmark against hundreds of invalidity cases across technology domains. While our AI is constantly learning and improving, the quality of results is better than any solution we've seen before. In 20% of benchmarked cases the correct invalidating reference appears within the top 10 hits.

But don't take our word for it - [request early access](#) to see three pre-loaded sample reports or [contact us](#) for more information.

Rapid Report

Enter any patent number to instantly get a report of 50 prior art search results.

Coming soon: Natural text input is now in alpha testing with select partners.

Prior Art Search Platform

Coming soon: Interact with results to explore from multiple angles and dynamically refine your search.

We are constantly improving our AI and expanding use cases. If you are interested in partnering with us or just have a request for new features please [contact us](#).

Tools

Fenwick & West

Fenwick Leverages Kira Systems' AI Platform to Help Clients Efficiently Navigate M&A Due Diligence

Mountain View, CA (October 6, 2016) – Fenwick & West today announced it has partnered with Kira Systems to immediately deploy Kira's artificial intelligence (AI) tool for document review and analysis during the due diligence process for its mergers and acquisitions (M&A) practice.

Baker Hostetler

> ROSS

- Bankruptcy
- Intellectual property

> But, also testing out other systems

Specif.io

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- 2. Email a Word document containing a set of method claims to Specifio.

↓

- 3. In just a few minutes, Specifio replies with a working draft (spec & figures!) generated based on your Active Doc Plan.

LEARN ABOUT PRICING

Crystal ball reflections

Navel gazing and thought
experiments: where is all this going

- > What is AI really good at?
- > What is the role of a human?
- > Replace or augment?

Real issues

- > It's only AI once you understand what it does – before, it's just software
- > Managing expectations
- > Access to data is key - GIGO
- > Don't underestimate the training time
- > Understand what you are looking for, and what is your ROI

ROBIC
1892



POUR NOUS JOINDRE

ROBIC, S.E.N.C.R.L.
AVOCATS, AGENTS DE BREVETS
ET DE MARQUES DE COMMERCE

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