

PowerPatent Launches Advanced Technology to Automate and Streamline Patent Application Processes

PowerPatent unveils new automation technology designed to streamline the patent application process, improving efficiency and reducing human error.

CARY, NC, UNITED STATES, June 22, 2025 /EINPresswire.com/ --PowerPatent, a pioneering force in <u>legal technology</u>, today proudly announced the launch of its latest innovation: Technology for Automating Patent Application Processes. This cutting-edge system is poised to transform the way patent applications are prepared, submitted, and managed, offering unprecedented levels of efficiency and accuracy. With a focus on automating routine and timeconsuming tasks, PowerPatent's new technology enables patent attorneys to concentrate on the more complex and

Shaping tomorrow's IP landscape

Some say that generative AI has demonstrated its worth by freeing valuable time for IP professionals to focus on more strategic aspects of patenting, R&D teams are exploring the benefit stoo. But before we welcome generative AI with open arms, we must consider the new horizon of IP challenges emerging.

Join us at IAM Live: IP and Emerging Technology USA 2024 as we explore how you can avoid the dangers, get the most out of AI tools both for patent teams and engineers and future-proof your innovations.

This year IAM is bringing together industry-leading corporate executives, legal professionals, and technology investors to the heart of Silicon Valley. Expand your knowledge during a day of in-depth discussion. Take away the essential strategic and commercial insight needed to thrive in a world of greater connectivity, automation and the widespread deployment of artificial intelligence.

We look forward to seeing you in San Jose in October.

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Bao Tran speaking at IAM Live: Patent Transactions 2024

strategic aspects of their work, ultimately leading to faster, more cost-effective services for their clients.

Streamlining the Patent Application Process

The patent application process is notoriously intricate, involving numerous steps that require meticulous attention to detail. From the initial drafting of the patent to the final submission, each phase demands a high level of precision to ensure that the application meets the stringent requirements of patent offices worldwide. PowerPatent's new technology addresses these challenges by streamlining the entire process, leveraging advanced artificial intelligence (AI) to automate key tasks that traditionally consume significant time and resources. By reducing the manual workload, the system not only accelerates the patent application process but also minimizes the risk of human error, which can often lead to costly delays and rejections.

At the forefront of PowerPatent's groundbreaking automation technology is its Al-driven patent drafting assistance, a feature designed to revolutionize the way attorneys approach the patent drafting process. This sophisticated tool leverages artificial intelligence to provide real-time suggestions and feedback as attorneys draft their patent applications. The AI draws on a comprehensive database of prior patents, allowing it to analyze the current draft against a vast repository of successful patents. This capability ensures that the application is crafted with a level of precision that is often difficult to achieve manually. By integrating this real-time assistance, attorneys are empowered to make informed decisions on how best to articulate their claims, descriptions, and arguments, leading to a more polished and strategically sound patent application.

One of the most significant advantages of this Al-driven drafting tool is its ability to enhance the thoroughness of the application. Patent drafting is a meticulous process

(12) United States Patent (10) Patent No.: US 11.748.555 B2 (45) Date of Patent: (54) SYSTEMS AND METHODS FOR MACHINE CONTENT GENERATION (72) Inventor: Bao Tran, Saratoga, CA (US) (*) Notice: Subject to any disclaimer, the term of patent is extended or adjusted und U.S.C. 154(b) by 0 days. 2019/0340217 A1 11/2019 Tran 2020/0034432 A1 1/2020 Jain (21) Appl. No.: 17/582,852 Zhang et al. "Al-Powered Text Generation for Harmonion Machine Interaction: Current State and Future Directi IEEE Smart World, pp. 1-8. (Year: 2019).* (Continued) (22) Filed: Jan. 24, 2022 Prior Publication Data US 2022/0237368 A1 Jul. 28, 2022 Related U.S. Application Data (60) Provisional application No. 63/140,774, filed on Jan. 22, 2021. ABSTRACT See application file for complete search history References Cited U.S. PATENT DOCUMENTS 7,716,581 B2 5/2010 Tran 8,295,471 B2 10/2012 Spottiswoode Provide a document structure having one or more chapters and for each chapter add a seed brief descriptive text for the chapter and add a plurality of sub-plot texts for the chapter From the seed brief descriptive text, generating one or more computer-generated text stions to supplement the seed brief descriptive text to form a second brief des For each sub-plot text, generate one or more computer-generated component text suggestions based on the second brief descriptive text and each component text; and Create the document by combining each second brief descriptive text with each component text with corresponding one or more computer-generated component text suggestions PowerPatent Issued Patent

that requires attention to every detail, from the language used in claims to the descriptions of the invention. The AI tool acts as a second pair of eyes, constantly reviewing the draft and offering insights based on the patterns and structures found in prior successful applications.



PowerPatent's automation tech frees up attorney time for strategic work, leading to faster, more cost-effective patent services."

Cephas Doc

This ongoing feedback loop helps attorneys identify potential weaknesses or ambiguities in their drafts, allowing them to address these issues proactively. The result is a more robust application that is less likely to encounter objections during the patent examination process, ultimately increasing the chances of a successful grant.

In addition to Al-driven drafting assistance, PowerPatent's

<u>automation technology</u> offers another critical feature: automated form filling and document generation. The patent application process involves the preparation of numerous forms and documents, each of which must be completed with precision to ensure compliance with patent office requirements. Traditionally, this has been a labor-intensive task, often requiring attorneys to spend significant amounts of time on administrative details. PowerPatent's system automates this process, generating the necessary forms and documents based on the information provided in the patent draft. This automation not only speeds up the process but also reduces the risk of human error, ensuring that all documentation is accurate and complete.

The impact of automated form filling and document generation extends beyond mere efficiency. By alleviating the administrative burden associated with these tasks, PowerPatent's technology allows attorneys to allocate more of their time and resources to the strategic aspects of patent prosecution. With the routine elements of the process handled by the technology, attorneys can focus on refining their patent strategies, conducting in-depth prior art searches, and developing arguments that will strengthen their applications. This shift in focus is particularly valuable in a competitive patent landscape, where the quality and strategy behind an application can be the determining factors in securing a patent grant.

By combining these features, PowerPatent is providing attorneys with tools that not only enhance the precision and thoroughness of their work but also optimize their workflow by reducing time spent on routine tasks. This dual approach—improving both the quality of the patent application and the efficiency of the drafting process—positions PowerPatent's automation technology as an indispensable resource for patent attorneys who are serious about maximizing the success of their patent applications.

Ensuring Consistency and Accuracy
One of the standout features of PowerPatent's
automation technology is its intelligent crossreferencing and consistency checks. In the patent
drafting process, maintaining consistency across
various sections of the application is crucial to avoid
discrepancies that could lead to rejections or require
time-consuming revisions. PowerPatent's system
automatically cross-references different parts of the
application to ensure that all information is aligned
and consistent. This intelligent consistency check
helps to identify and rectify any potential issues
before the application is submitted, further reducing



Powerful Idea

"FOR SAAS COMPANIES, SAASTR ANNUAL IS OUR SUPER BOWL MOMENT. WE ALL GET TO LEARN, ENJOY -- AND HAVE FUN"

- Eric Yuan, CEO | ZOOM



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the likelihood of errors and enhancing the overall quality of the patent submission.

Attorney Cephas Doc, PowerPatent's Head of User Experience, emphasized the importance of this innovation in the context of modern patent prosecution: "PowerPatent's automation technology is a significant leap forward in patent prosecution efficiency. By automating routine tasks, it frees up valuable attorney time for more complex, strategic work. This could lead to faster turnaround times and more cost-effective patent services." His insights underscore the value of this technology in today's fast-paced legal environment, where time and accuracy are critical factors in securing successful outcomes for clients.

Enhancing Productivity and Reducing Human Error

Beyond streamlining processes and improving consistency, PowerPatent's automation technology also plays a crucial role in enhancing productivity across the board. By taking over repetitive tasks such as form filling and document generation, the



system allows attorneys to focus on higher-value activities that require their expertise and judgment. This shift not only improves the efficiency of the patent prosecution process but also enhances the overall quality of the work produced. The reduction of human error is another critical benefit of this technology. Automated systems are less prone to the kinds of mistakes that can occur when tasks are performed manually, ensuring that applications are prepared with the highest possible level of accuracy.

Cephas Doc further elaborated on the potential impact of this technology, stating: "The real power of this technology lies in its ability to reduce human error while increasing productivity. By automating repetitive tasks and providing intelligent assistance, it not only speeds up the process but also enhances the overall quality of patent applications. This is a win-win for both patent attorneys and their clients." Doc's comments highlight how PowerPatent's technology not only benefits legal professionals by improving their workflow but also delivers significant value to clients by ensuring that their patent applications are handled with the utmost care and precision.

Available Now as Part of PowerPatent's Comprehensive Suite

PowerPatent's Technology for Automating Patent Application Processes is now available as part of the company's comprehensive suite of patent drafting solutions. This integration ensures that users can seamlessly incorporate the new automation features into their existing workflows, further enhancing the capabilities of PowerPatent's already powerful platform. For patent attorneys and IP professionals, this technology represents a major step forward in the evolution

of legal technology, offering a more efficient, accurate, and strategic approach to patent prosecution.

As the demands on patent attorneys continue to grow, the need for innovative solutions that can keep pace with the increasing complexity of the patent landscape has never been greater. PowerPatent's new automation technology addresses this need by providing a tool that not only streamlines the patent application process but also improves the overall quality of the work produced. By reducing the time spent on routine tasks and minimizing the risk of errors, this technology empowers attorneys to deliver better outcomes for their clients, positioning PowerPatent as a leader in the field of legal innovation.

For more information about PowerPatent's Technology for Automating Patent Application Processes and other products, please visit www.powerpatent.com.

About PowerPatent

PowerPatent is a leading provider of legal technology solutions, specializing in tools and platforms that empower patent attorneys and IP professionals to streamline their workflows and improve the quality of their patent applications. With a focus on innovation, user experience, and data-driven insights, PowerPatent is dedicated to transforming the patent drafting process and helping its users achieve success in the competitive world of intellectual property.

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