



PowerPatent Secures Latest Patent for Groundbreaking Machine Content Generation Technology

PowerPatent, a leading innovator in AI-driven intellectual property solutions, announces of its newest patent, US11748555B2, for patent drafting automation.

SANTA CLARA, CA, UNITED STATES, September 13, 2023 /EINPresswire.com/ -- PowerPatent, a leading innovator in [AI](#)-driven intellectual property solutions, is thrilled to announce the issuance of its newest [patent](#), US11748555B2, further solidifying its position as a pioneer in the field of patent drafting automation.

This groundbreaking patent covers a revolutionary multi-step patent draft generation process for a document structure that includes one or more first text prompts, a second text prompt, and a plurality of component texts. Through the utilization of advanced artificial intelligence (AI), this innovative system can generate one or more AI context-sensitive text suggestions based on the input from the first text prompts or the second text prompt. The result is the rapid creation of patent application first drafts, which are ready for attorney review and editing.

What sets PowerPatent's patented [technology](#) apart is its ability to generate these drafts with minimal input requirements. The system can operate efficiently with just claims or an invention disclosure as input, eliminating the need for extensive information and streamlining the patent drafting process significantly.

The issuance of US11748555B2 is a testament to PowerPatent's dedication to advancing intellectual property automation and simplifying patent application processes. By enabling faster and more efficient patent drafting, this technology offers not only cost savings but also a crucial competitive advantage in the world of intellectual property.

"We are delighted to receive this patent, as it reaffirms our commitment to innovation in the field

US11748555B2

(12) **United States Patent**
Tran

(10) **Patent No.:** US 11,748,555 B2
(45) **Date of Patent:** Sep. 5, 2023

(54) **SYSTEMS AND METHODS FOR MACHINE CONTENT GENERATION**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 17/582,852

(22) Filed: Jan. 24, 2022

(65) **Prior Publication Data**
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Related U.S. Application Data

(60) Provisional application No. 63/140,774, filed on Jan. 22, 2021.

(51) **Int. Cl.**
G06F 40/137 (2020.01)
G06F 40/169 (2020.01)
G06N 20/00 (2019.01)
G06F 21/10 (2013.01)
G06F 40/30 (2020.01)

(52) **U.S. Cl.**
CPC: G06F 40/169 (2020.01); G06F 40/137 (2020.01); G06N 20/00 (2019.01); G06F 21/105 (2013.01); G06F 40/30 (2020.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
7,716,581 B2 5/2010 Tran
8,295,471 B2 10/2012 Spottiswoode

(17) **OTHER PUBLICATIONS**
Zhang et al. "AI-Powered Text Generation for Harmonious Human-Machine Interaction: Current State and Future Directions" 2019 IEEE Smart World, pp. 1-8, (Year: 2019).
(Continued)

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(57) **ABSTRACT**
Computerized systems and methods are disclosed to generate a document by providing a document structure having one or more used landmark texts therein, each landmark text including a milestone overview text and a plurality of component texts; from the milestone overview text, generating one or more computer-generated text suggestions to supplement the milestone overview text; combining the milestone overview text with each component text and generating one or more computer-generated component text suggestions; and creating the document by combining the milestone overview, the one or more computer-generated text suggestions, and each component text with corresponding one or more computer-generated component text suggestions.

19 Claims, 19 Drawing Sheets

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

For each chapter:

From the seed brief descriptive text, generating one or more computer-generated text suggestions to supplement the seed brief descriptive text to form a second brief descriptive text

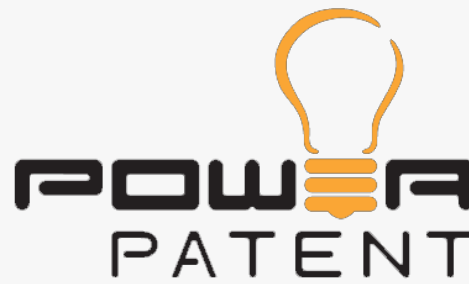
For each sub-plot text, generate one or more computer-generated component text suggestions based on the second brief descriptive text and each component text; and

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

of intellectual property," said Mary Kimani, Director of Communications at PowerPatent. "Our AI-driven solutions have already transformed the way patents are drafted, and this patent reinforces our position as a leader in the industry. We are excited about the possibilities this technology offers to our clients, enabling them to save valuable time and resources while maintaining a strong position in the market."

PowerPatent's patented technology provides the perfect solution for inventors, startups, and enterprises seeking to protect their intellectual property efficiently. With its capability to accelerate the patent drafting process while maintaining the quality and accuracy of the drafts, it's a game-changer for those looking to secure their innovations quickly and effectively.



PowerPatent Logo

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PowerPatent's innovative technology, exemplified in US11748555B2, has streamlined the patent drafting process with high-quality patent application first drafts from an invention disclosure or claims.”

Bao Tran, Patent Attorney

For more information about PowerPatent and its patented machine content generation technology, please visit www.PowerPatent.com.

About PowerPatent:

PowerPatent is a cutting-edge technology company specializing in AI-driven intellectual property solutions. With a strong commitment to innovation and excellence, PowerPatent has developed a range of tools and services that revolutionize the patent drafting and management processes. Its mission is to empower inventors and enterprises to protect their intellectual property efficiently

and effectively.

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