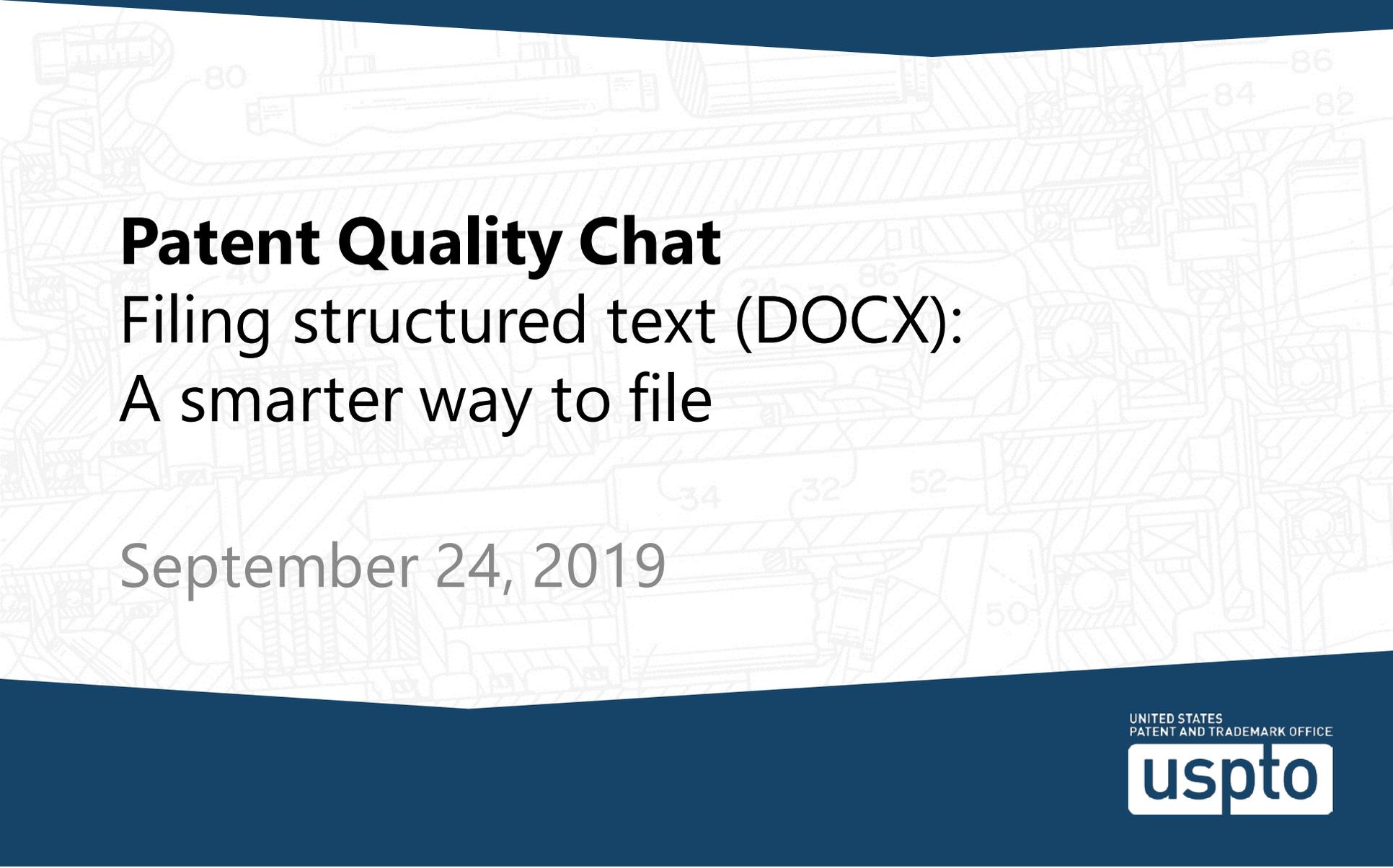


UNITED STATES
PATENT AND TRADEMARK OFFICE





Patent Quality Chat

Filing structured text (DOCX):
A smarter way to file

September 24, 2019

UNITED STATES
PATENT AND TRADEMARK OFFICE



To send in questions or comments during the webinar, please email:

PatentQuality@uspto.gov

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Patent Quality

Providing high-quality, efficient examination of patent applications is paramount to [our mission](#) at USPTO. To ensure we continue to issue high-quality patents that will fuel innovation well into the future, the [Office of the Deputy Commissioner for Patent Quality](#), along with our partners across the Patents organization, promotes and supports the continuous improvement of patent products, processes and services through collaboration with internal and external stakeholders of the intellectual property community.

Highlights



[Patent Quality Chat](#)

Tune in for our next Patent Quality Chat on September 10, 2019 about "Filing structured text (DOCX): A smarter way to file".

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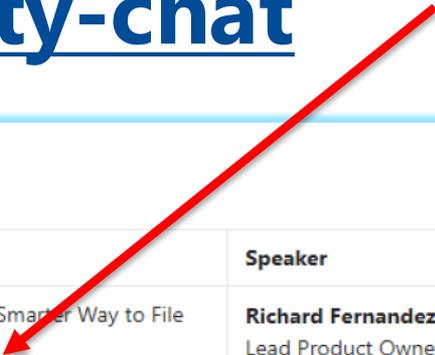
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<http://www.uspto.gov/patent/initiatives/patent-quality-chat>

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- 3 2019 Chat Series**
- 4 Previous Events
- 5 General Information

2019 Chat Series

Date	Topic	Speaker
Tuesday September 10 12 p.m. - 1 p.m. ET	Filing Structured Text (DOCX): A Smarter Way to File <ul style="list-style-type: none">• Presentation slides (coming soon)• Video (coming soon)	Richard Fernandez Lead Product Owner, Office of Patent Information Management Kimberly Williams Patent Business Analyst, Office of Patent Information Management
Tuesday June 11 12 p.m. - 1 p.m. ET	Examining Computer-Implemented Functional Claim Limitations for Compliance with 35 U.S.C. § 112 <ul style="list-style-type: none">• Presentation slides• Video	Robert Bahr Deputy Commissioner for Patent Examination Policy Jeffrey West Senior Legal Advisor Office of Patent Legal Administration



Patent Quality Chat

Filing structured text (DOCX):
A smarter way to file

Richard Fernandez

Lead Product Owner, Office of Patent Information Management

Kimberly Williams

Patent Business Analyst, Office of Patent Information Management

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DOCX agenda

- What is DOCX
- Getting started
- EFS-Web: Patents Electronic Filing System walkthrough
 - Patent Center walkthrough
 - Assistance resources

DOCX - Intro

- DOCX is a common word processing file containing structured text
- Supported by most popular word processing applications
 - Microsoft Word, Google Docs, and LibreOffice
- Used by many practitioners to draft applications

Benefits of filing in DOCX

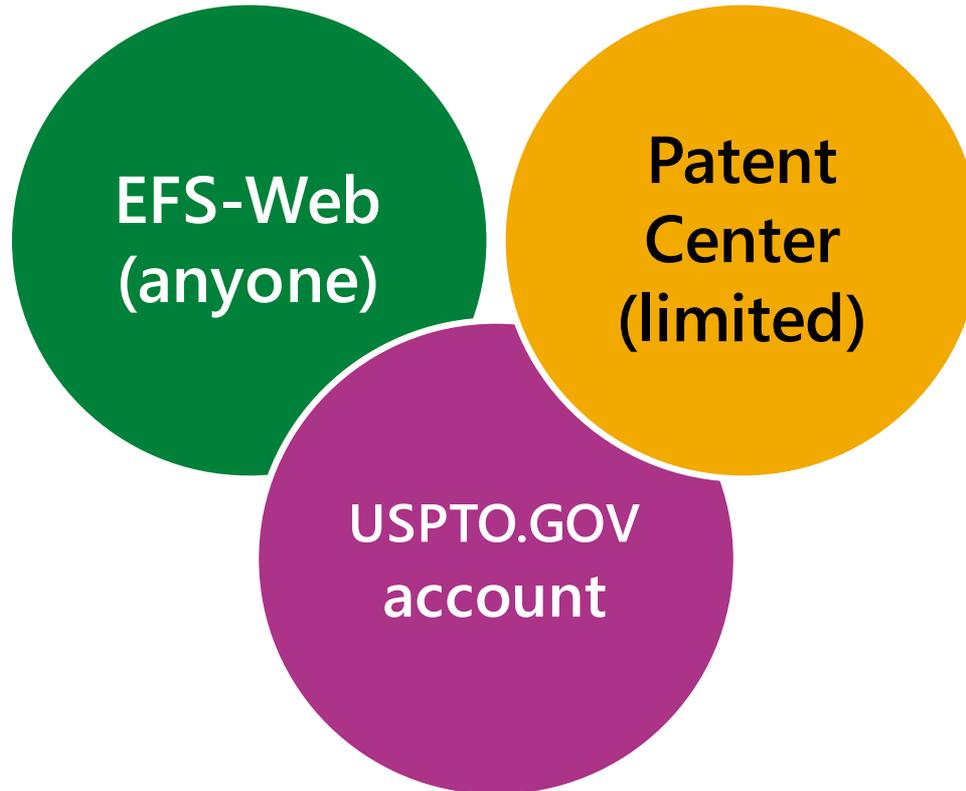
- Safe and stable for creating, authoring and processing IP documents
- Eliminates the need to convert DOCX into a PDF for filing
- Secure: Automatic metadata detection and scrubbing
- Automatic document indexing
- Conversion to PDF and XML

DOCX engine – formalities review

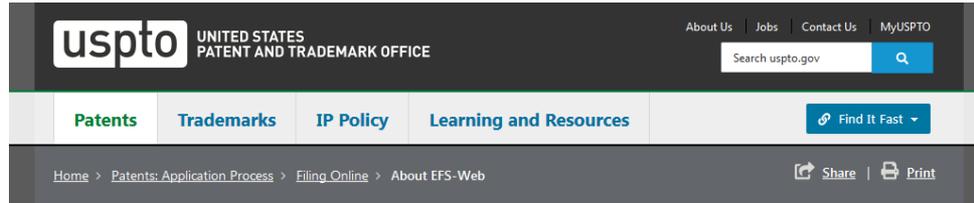
- Provides instantaneous feedback of common formality mistakes prior to filing
- Suggests a claim count
- Pinpoints possible warnings and errors
- Decreases processing delays
 - Improves accuracy of file wrapper processing and publication

Getting started

Single sign-on



Signing into EFS-Web



The image shows the top portion of the USPTO website. On the left is the USPTO logo and the text "UNITED STATES PATENT AND TRADEMARK OFFICE". On the right are navigation links for "About Us", "Jobs", "Contact Us", and "MyUSPTO", along with a search bar containing "Search uspto.gov". Below this is a secondary navigation bar with links for "Patents", "Trademarks", "IP Policy", and "Learning and Resources", and a "Find It Fast" button. At the bottom of this bar is a breadcrumb trail: "Home > Patents: Application Process > Filing Online > About EFS-Web", and "Share" and "Print" icons.

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More tools & links

[Patent Electronic Business Center](#)

Telephone: 1-866-217-9197
(toll-free)

571-272-4100

[\(local\)](#)

E-mail: ebc@uspto.gov

Fax: 571-273-0177

PKI authentication for EFS-Web and Private PAIR is permanently disabled. Please authenticate using a verified USPTO.gov account. The deadline for migrations is July 16. See the [authentication change](#) webpage for more information and updates.

About EFS-Web

EFS-Web for Registered eFilers

Enhanced filing, follow-on processing, saved submissions and more.

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[Sign-in \(uspto.gov\)](#)

Migration Tool

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For step-by-step instructions, see [Migration Tool Guide](#).

[Migrate Now](#)

Sponsorship Tool

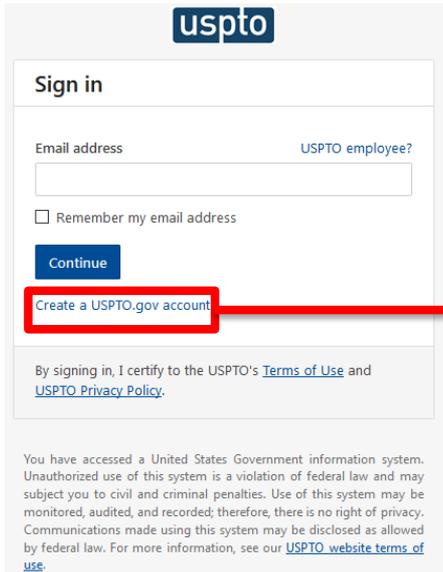
The [Sponsorship Tool](#) can be used by **registered practitioners** to sponsor their support staff to work on their behalf. In order to sponsor support staff, a practitioner must first migrate to a USPTO.gov account and the support staff must each have a USPTO.gov account.

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[Sponsor Support Staff](#)



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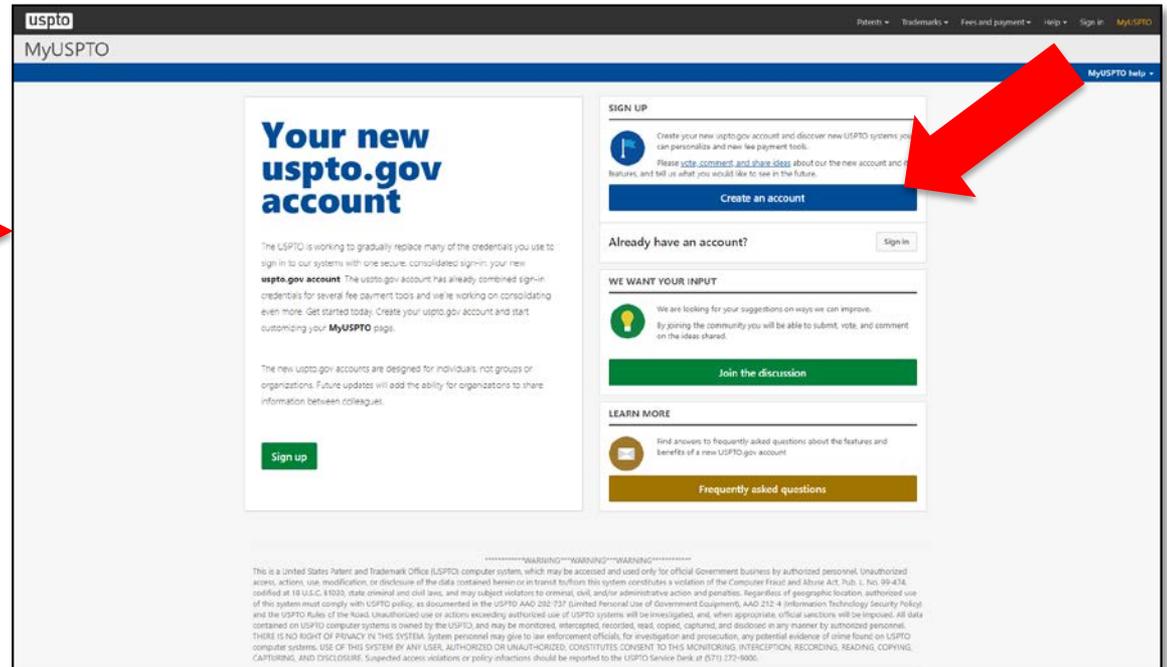
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MyUSPTO

Your new uspto.gov account

The USPTO is working to gradually replace many of the credentials you use to sign in to our systems with one secure, consolidated sign-in: your new **uspto.gov account**. The uspto.gov account has already combined sign-in credentials for several fee payment tools and we're working on consolidating even more. Get started today. Create your uspto.gov account and start customizing your **MyUSPTO** page.

The new uspto.gov accounts are designed for individuals, not groups or organizations. Future updates will add the ability for organizations to share information between colleagues.

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[Frequently asked questions](#)

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* indicates required

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Password *

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Select second step authentication

Two-step authentication ×

Step 1 of 2

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Note: Two-step authentication may be required in order to access certain areas within the site.

Receive code via:

- Email (pcp*****02@gmail.com)
- Code generator (Authenticator app)

Next

DOCX (EFS-Web) – upload files

EF5 Registered

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Attach Documents

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First Named Inventor	m y
Customer Number or Correspondence Address	160278
	Testing CN Customer Number
	Emails to be sent
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	Dublin
	OH
	43017
	US
	amy.stevens@uspto.gov
	6147925555
Filed By	Brian Lee Buckwalter
Attorney Docket Number	
Application Type	Utility under 35 USC 111(a)

Attach application parts - Specification, Claims and Abstract.

File(s) to be submitted in DOCX format

Attach additional PDF or TXT documents. Include application parts only if you didn't previously attach them in DOCX format.

Files to be Submitted	Category	Document Description
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DOCX

Feedback Document

DOCX – getting feedback

Evidence file(s). To add more files please [Attach Files](#)

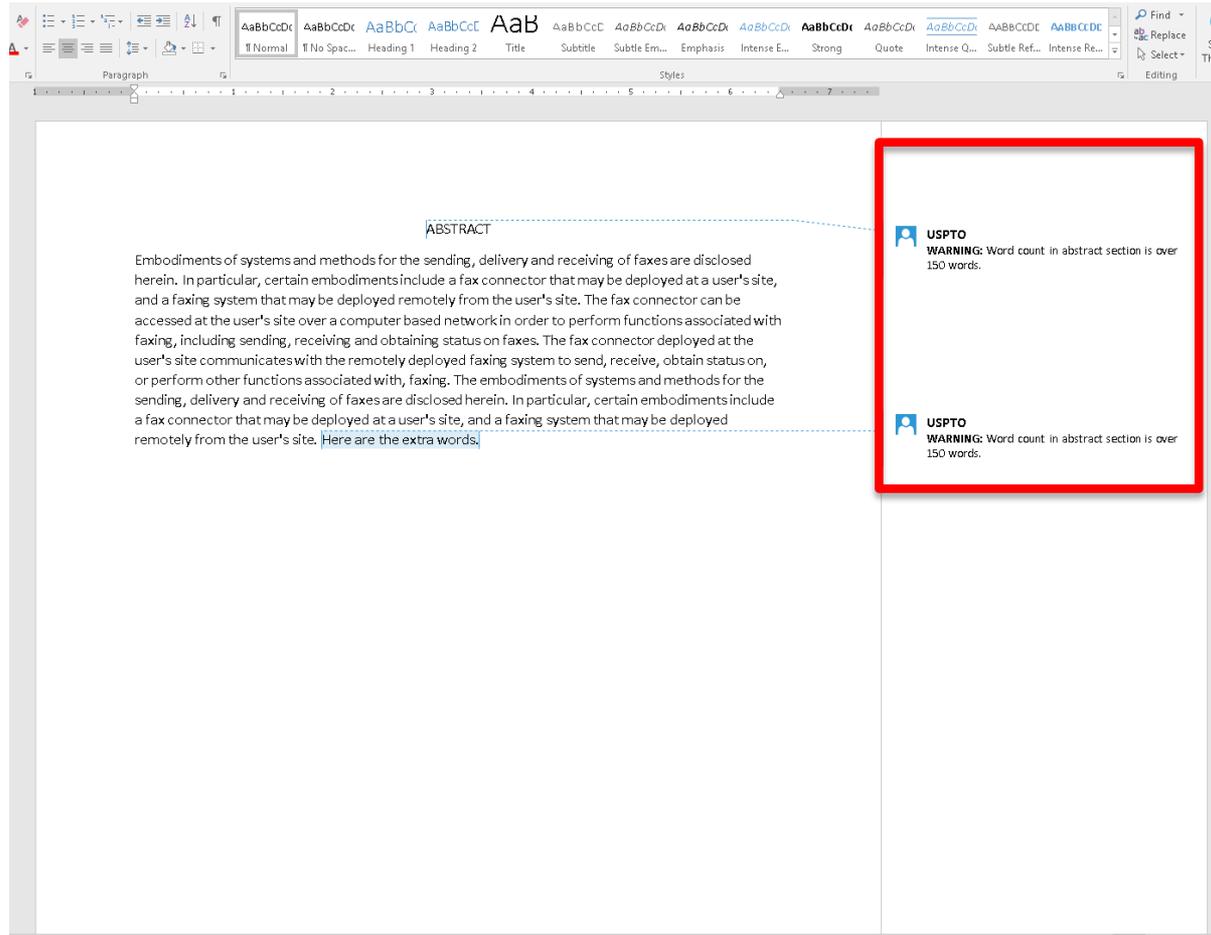
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▼ ERROR	2009_Invalid_Font_SPEC.docx (Original: 2009_Invalid_Font_SPEC.docx)	Specification	-	11951 bytes
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File(s) to be Submitted(pdf)	Document Description	Page Count	File Size	
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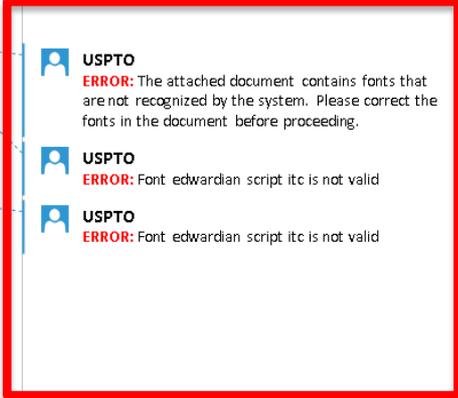
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DOCX – claim detection and validation

Claims

1. An Unmanned Aerial Vehicle (UAV)-based method of wireless coverage testing, the UAV-based method comprising: with a UAV comprising a wireless coverage testing configuration, flying the UAV in a route in a wireless coverage area associated with a cell tower; collecting measurement data via the wireless coverage testing configuration during the flying and associating the collected measurement data with location identifiers; and subsequent to the flying, processing the collected measurement data with the location identifiers to provide an output detailing wireless coverage in the wireless coverage area including wireless coverage at ground level and above ground level to a set elevation.
2. The UAV-based method of claim 1, wherein the wireless coverage testing configuration comprises one or more devices comprising any of wireless antennas, wireless scanners, Wireless Local Area Network (WLAN) antennas, and one or more mobile devices, communicatively coupled to a processing device, and each of the one or more devices disposed in or on the UAV.
4. The UAV-based method of claim 2, wherein each of the one or more devices is positioned a minimum distance from one another to prevent interference.
5. The UAV-based method of claim 2, wherein the UAV comprises a frame disposed thereto with the one or more devices attached thereto with a minimum distance from one another to prevent interference.
5. The UAV-based method of claim 1, wherein the location identifiers comprise at least two independent location identification techniques thereby improving accuracy thereof.



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Independent claim count = 1



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Dependent claim count = 4



USPTO

WARNING: The claims contain duplicate claim numbering. Please review the claims and revise if necessary.



USPTO

WARNING: Missing or out of order claim number detected.



USPTO

Independent claim



USPTO

WARNING: Missing or out of order claim number detected here.



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WARNING: This claim number is a duplicate number.



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Mail Room Date	Document Code	Document Description	Document Category	PDF Page Count	PDF	XML	DOCX
06-27-2019	ABST	Abstract	PROSECUTION	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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- Application Parts (specifically Specification, Claims, and Abstract) may be submitted in DOCX format.
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 - Phone: 1-866-217-9197
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Filing DOCX – Patent Center

DOCX – getting to Patent Center

The screenshot displays the MyUSPTO interface. At the top, the 'uspto' logo and 'MyUSPTO' text are visible. A navigation bar includes 'Patents', 'Trademarks', 'Fees and payment', 'Help', 'MyUSPTO', and 'Attorney Two'. A dropdown menu for 'Patents' is open, listing various actions. A red box highlights this menu, and a mouse cursor points to 'File patents'. Below the menu, the main content area features a 'TRADEMARK FORM FINDER' sidebar, 'PATENT ALERTS' section with several news items, 'PATENT TRIAL AND APPEAL BOARD ALERTS', 'TRADEMARK DOCKET', and 'TRADEMARK OFFICIAL GAZETTE WATCH'.

DOCX – Patent Center

The screenshot displays the USPTO Patent Center interface. At the top, the 'uspto' logo is on the left, and navigation links for 'Patent', 'Trademark', 'Fees and payments', 'Help', 'Attorney Two', and 'MyUSPTO' are on the right. Below this is a 'Patent Center' header with a red arrow pointing to the 'New submission' dropdown menu. The dropdown menu is open, showing three main categories: 'REGULAR SUBMISSIONS', 'PATENT INITIATIVES', and 'INTERNATIONAL APPLICATIONS'. Under 'REGULAR SUBMISSIONS' are 'Utility-Nonprovisional', 'Utility-Provisional', and 'Design'. Under 'PATENT INITIATIVES' are 'TrackOne', 'Accelerated Examination – Utility', and 'Accelerated Examination – Design'. Under 'INTERNATIONAL APPLICATIONS' are 'International application (PCT)' and 'International design (Hague)'. Below the dropdown is a search bar with a 'Search by registration' dropdown and an 'Apply' button. The 'Activities' section follows, with a sub-header 'Perform activities from submissions to post grant request and admin tasks such as managing customer numbers & practitioner associations with customer number'. It contains six activity cards: 'New Submission' (File utility, design, national stage and international submissions), 'Existing Submissions' (Add additional documents, pay fees, submit a corrected ADS, and much more), 'Petitions' (File ePetitions for automatic processing and immediate grant, if all requirements are met), 'Post Grant', 'Workbench', and 'Manage'.

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Patent Center

Home New submission Existing submissions Petitions Post grant Workbench Manage Search Have a question?

REGULAR SUBMISSIONS

- Utility-Nonprovisional
- Utility-Provisional
- Design
- US 371 National stage

PATENT INITIATIVES

- TrackOne
- Accelerated Examination – Utility
- Accelerated Examination – Design

INTERNATIONAL APPLICATIONS

- International application (PCT)
- International design (Hague)

Activities

Perform activities from submissions to post grant request and admin tasks such as managing customer numbers & practitioner associations with customer number

New Submission
File utility, design, national stage and international submissions

Existing Submissions
Add additional documents, pay fees, submit a corrected ADS, and much more

Petitions
File ePetitions for automatic processing and immediate grant, if all requirements are met

Post Grant

Workbench

Manage



DOCX – uploading files

Patent Center

Utility Nonprovisional

Nonprovisional Application under 35 USC 111(a)



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