```
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   /dc/terms/ foaf: http://xmlns.com/foaf/0.1/ og: http://ogp.me/ns#
   rdfs: http://www.w3.org/2000/01/rdf-schema# schema:
   http://schema.org/ sioc: http://rdfs.org/sioc/ns# sioct:
   http://rdfs.org/sioc/types# skos: http://www.w3.org/2004/02
   /skos/core# xsd: http://www.w3.org/2001/XMLSchema# "><head><meta
   http-equiv="X-UA-Compatible" content="IE=edge"><meta charset="utf-
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   rel="canonical" href="https://www.uspto.gov/learning-and-resources
   /support-centers/patent-electronic-business-center"><link
   rel="shortlink" href="https://www.uspto.gov/learning-and-resources
   /support-centers/patent-electronic-business-center"><meta
   name="dcterms.title" content="Patent Electronic Business
   Center"><meta name="description" content="The Patent Electronic
   Business Center (EBC) assists customers with filing their electronic
   patent application submissions via the Electronic Filing System
   (EFS-Web) and with the review of patent applications in Public and
   Private PAIR. The EBC offers support with electronic filing, eOffice
   Action, PatentIn and Checker, Customer Number Requests, PKI Digital
   Certificates, Customer Number Upload Spreadsheets, PDX requests, Fee
   Address Indication, PCT Associations, PatFT and AppFT Searches and
   Central Fax inquiries. Assistance is available Monday through Friday
   from 6:00 a.m. to Midnight ET (except federal holidays)."><meta
   name="dcterms.subject" content="Patents, Filing, Filing Online,
   Check Status"><meta property="og:title" content="Patent Electronic
   Business Center"><meta name="dcterms.description" content="The
   Patent Electronic Business Center (EBC) assists customers with
   filing their electronic patent application submissions via the
   Electronic Filing System (EFS-Web) and with the review of patent
   applications in Public and Private PAIR. The EBC offers support with
   electronic filing, eOffice Action, PatentIn and Checker, Customer
   Number Requests, PKI Digital Certificates, Customer Number Upload
   Spreadsheets, PDX requests, Fee Address Indication, PCT
   Associations, PatFT and AppFT Searches and Central Fax inquiries.
   Assistance is available Monday through Friday from 6:00 a.m. to
   Midnight ET (except federal holidays)."><meta
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   Center (EBC) assists customers with filing their electronic patent
   application submissions via the Electronic Filing System (EFS-Web)
   and with the review of patent applications in Public and Private
   PAIR. The EBC offers support with electronic filing, eOffice Action,
   PatentIn and Checker, Customer Number Requests, PKI Digital
   Certificates, Customer Number Upload Spreadsheets, PDX requests, Fee
   Address Indication, PCT Associations, PatFT and AppFT Searches and
   Central Fax inquiries. Assistance is available Monday through Friday
   from 6:00 a.m. to Midnight ET (except federal holidays)."><meta
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   scale=1.0"><meta name="uspto_hnh" nid="3418" title="Patent
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rel="stylesheet" media="all" href="/profiles/uspto_gov/themes/uspto
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icons.css?qmaklz"><link rel="stylesheet" media="all" href="/profiles
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rel="stylesheet" media="all" href="/profiles/uspto_gov/themes/uspto
/css/colorbox.css?qmaklz"><script type="application/json" data-
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\/drupal.paragraphs.unpublished,system\/base,uspto\/alerts,uspto
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\/script,uspto_general\/uspto_general.form-validator,uspto_general
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tNoreferrer":false,"extFollowNoOverride":false,"extClass":"ext","ext
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external)","extImgClass":false,"extSubdomains":true,"extExclude":"
(http(s)?:\\\/\\\/[^\\\/]*uspto\\.gov[\\\/]?)|(usptogov\\.sharepoint
\\.com)","extInclude":"","extCssExclude":"","extCssExplicit":"","ext
Alert":false,"extAlertText":"","mailtoClass":"mailto","mailtoLabel":
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LinkClasses":"fa fa-external-link","extFaMailtoClasses":"fa fa-
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bin\/helpful-api\/index.php","user":
{"uid":0,"permissionsHash":"e1b118afeb5d9da4fb81fdc7f73a5b9848e85cb7
b26d990a2408b9e34d71b9e2"}}</script><!--[if lte IE 8]><script
src="/sites/default/files
/js/js_VtafjXmRvoUgAzqzYTA3Wrjkx9wcWhjPOG4ZnnqRamA.js"></script>
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0f3R8spooSs0AShzS2p5VyPwn9Yhx7K_4NdTi-OOU.js"></script><script
src="/libraries/fontawesome/js/all.min.js?v=5.13.1" defer></script>
<script src="/libraries/fontawesome/js/v4-shims.min.js?v=5.13.1"
defer></script><script src="/profiles/uspto_gov/themes/uspto
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/js/uspto-alerts.js?qmaklz"></script><script src="/sites/default
/files/js/js_10aJm-xHuP-D7g2m2eht3aoa29OSdyurkjBGzP_7xhs.js">
</script><script src="/libraries/fontawesome
/js/fontawesome.min.js?v=5.13.1" defer></script></head><body
class="one-sidebar sidebar-first path-node page-node-type-office-
location node-type-office-location"> <a href="#main-content"
class="visually-hidden focusable skip-link"> Skip to main content
</a><div class="dialog-off-canvas-main-canvas" data-off-canvas-main-
canvas> <header id="header" role="banner"><p id="skip-link"><a
href="#main" class="element-invisible element-focusable">Jump to
main content</a></p><div class="row region region-header-top"><div
class="container"><div id="site-logo" class="site-logo-region"><a
class="logo" href="/" target="_self" title="United States Patent and
Trademark Office - An Agency of the Department of Commerce"><span
class="element-invisible">USPTO - United States Patent and Trademark
Office</span></a></div><div id="print-logo"><img src="/profiles
/uspto_gov/themes/uspto/images/uspto-print-logo.png" alt="United
States Patent and Trademark Office - An Agency of the Department of
Commerce"></div><div class="region-utility-menu"><nav class="mobile-
menu-options"><ul class="menu"><li class="menu-item"><a
href="#launch-search" target="_self" id="launch-search"
class=""><span class="fas fa-search fa-2x"></span><br>Search</a>
</li><li class="menu-item"><a href="#launch-links" target="_self"
id="launch-links" class=""><span class="fas fa-link fa-2x"></span>
<br><span class="sr-only">Find it Fast </span>Links</a></li><li
class="menu-item"><a href="#launch-menu" target="_self" id="launch-
menu" class=""><span class="fas fa-bars fa-2x"></span><br>Menu</a>
</li></ul></nav><div class="usasearch-search-block-form block block-
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selector="usasearch-search-block-form" novalidate="novalidate"
id="block-usasearchform"><form block="block-uspto-search"
action="https://search.uspto.gov/search" method="get" id="search-
block-form"><div class="col-sm-12 pad-right-0"><div class="input-
group"><label for="headerSearchInput" class="hidden">Search:</label>
<input id="headerSearchInput" title="Search uspto.gov" name="query"
placeholder="Search uspto.gov" class="form-control form-search"
type="search" size="15" maxlength="128" value><input type="hidden"
name="op" value="Search"><input type="hidden" name="affiliate"
value="web-sdmg-uspto.gov"><span class="input-group-btn"><button
id="headerSearchButton" class="btn btn-search btn-info btn-block"
type="submit"><span class="fas fa-search"></span><span class="sr-
only">Search</span></button></span></div></div></form></div><nav
role="navigation" aria-labelledby="block-uspto-account-menu-menu"
id="block-uspto-account-menu" class="block block-menu navigation
menu--account"><h2 class="visually-hidden" id="block-uspto-account-
menu-menu">User account menu</h2><ul region="header_top"
class="menu"><li class="menu-item"> <a href="/about-us" data-drupal-
link-system-path="about-us">About Us</a></li><li class="menu-item">
<a href="https://www.uspto.gov/jobs">Jobs</a></li><li class="menu-
item"> <a href="/about-us/contact-us" data-drupal-link-system-
path="about-us/contact-us">Contact Us</a></li><li class="menu-item">
<a href="https://my.uspto.gov">MyUSPTO</a></li></ul></nav></div>
</div></div><span><div class="row region-header-middle sg-esi--
header"><nav id="uspto-top-nav" class="navbar yamm"><div
class="container"><div class="region region-primary-menu"> <nav
role="navigation" aria-labelledby="block-uspto-main-menu-menu"
id="block-uspto-main-menu" class="block block-menu navigation menu--
main"><h2 class="visually-hidden" id="block-uspto-main-menu-
menu">Main navigation</h2><div class="navbar-header"><a
class="navbar-brand" href="#">USPTO</a><button type="button"
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class="navbar-toggle collapsed" data-toggle="collapse" data-
target="#uspto-navbar-collapse"><span class="sr-only">Toggle
navigation</span><span class="icon icon-align-justify"></span>
</button></div><div class="collapse navbar-collapse" id="uspto-
navbar-collapse"><ul class="nav navbar-nav" role="menu" id="uspto-
main-menu"><li id="main-menu_patents_primary_menu" class="dropdown
yamm-fw" role="menuitem"><a href="/patent" class="dropdown-toggle"
data-toggle="dropdown" role="button">Patents</a><div
class="dropdown-menu" role="menu"><div class="dropdown-col"><ul><li
id="main-menu_0_patents_primary_menu_getting-started_primary_menu"
class="menu-header" role="menuitem"><span class="header-
text">Getting started</span></li><li id="main-
menu_0_patents_primary_menu_0_getting-started_primary_menu_patent-
basics_primary_menu" role="menuitem"><a href="/patents-getting-
started/general-information-concerning-patents" data-drupal-link-
system-path="node/158364">Patent basics</a></li><li id="main-
menu_0_patents_primary_menu_1_getting-started_primary_menu_process-
overview_primary_menu" role="menuitem"><a href="/patents-getting-
started/patent-process-overview" data-drupal-link-system-
path="node/160540">Process overview</a></li><li id="main-
menu_0_patents_primary_menu_2_getting-started_primary_menu_legal-
assistance-and-resources_primary_menu" role="menuitem"><a
href="/patents-getting-started/legal-assistance-and-resources" data-
drupal-link-system-path="node/160334">Legal assistance and
resources</a></li><li id="main-
menu_0_patents_primary_menu_3_getting-started_primary_menu_inventor-
and-entrepreneur-resources_primary_menu" role="menuitem"><a
href="/learning-and-resources/inventors-entrepreneurs-resources"
data-drupal-link-system-path="node/159231">Inventor and entrepreneur
resources</a></li><li id="main-
menu_0_patents_primary_menu_4_getting-
started_primary_menu_international-cooperation_primary_menu"
role="menuitem"><a href="/patents-getting-started/international-
patent-cooperation" data-drupal-link-system-
path="node/159361">International cooperation</a></li><li id="main-
menu_0_patents_primary_menu_5_getting-started_primary_menu_patent-
faqs_primary_menu" role="menuitem"><a href="/help/patent-
help#patents" data-drupal-link-system-path="node/116">Patent
FAQs</a></li></ul></div><div class="dropdown-col"><ul><li id="main-
menu_1_patents_primary_menu_application-process_primary_menu"
class="menu-header" role="menuitem"><span class="header-
text">Application process</span></li><li id="main-
menu_1_patents_primary_menu_0_application-
process_primary_menu_search-for-patents_primary_menu"
role="menuitem"><a href="/patents-application-process/search-
patents" data-drupal-link-system-path="node/158806">Search for
patents</a></li><li id="main-
menu_1_patents_primary_menu_1_application-
process_primary_menu_learn-about-patent-classification_primary_menu"
role="menuitem"><a href="/patents-application-process/patent-search
/classification-standards-and-development" data-drupal-link-system-
path="node/158812">Learn about patent classification</a></li><li
id="main-menu_1_patents_primary_menu_2_application-
process_primary_menu_filing-online_primary_menu" role="menuitem"><a
href="/patents-application-process/file-online" data-drupal-link-
system-path="node/158495">Filing online</a></li><li id="main-
menu_1_patents_primary_menu_3_application-
process_primary_menu_checking-application-status_primary_menu"
role="menuitem"><a href="/patents-application-process/checking-
application-status/check-filing-status-your-patent-application"
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data-drupal-link-system-path="node/162473">Checking application
status</a></li><li id="main-
menu_1_patents_primary_menu_4_application-
process_primary_menu_responding-to-office-actions_primary_menu"
role="menuitem"><a href="/patents-maintaining-patent/responding-
office-actions" data-drupal-link-system-
path="node/160642">Responding to Office actions</a></li><li
id="main-menu_1_patents_primary_menu_5_application-
process_primary_menu_petitions_primary_menu" role="menuitem"><a
href="/patents-application-process/petitions" data-drupal-link-
system-path="node/158997">Petitions</a></li><li id="main-
menu_1_patents_primary_menu_6_application-
process_primary_menu_patent-trial-and-appeal-board_primary_menu"
role="menuitem"><a href="/patents-application-process/patent-trial-
and-appeal-board" data-drupal-link-system-path="node/194345">Patent
Trial and Appeal Board</a></li></ul></div><div class="dropdown-
col"><ul><li id="main-menu_2_patents_primary_menu_maintaining-
a-patent_primary_menu" class="menu-header" role="menuitem"><span
class="header-text">Maintaining a patent</span></li><li id="main-
menu_2_patents_primary_menu_0_maintaining-
a-patent_primary_menu_maintenance-fees_primary_menu"
role="menuitem"><a href="/patents-maintaining-patent/maintain-your-
patent" data-drupal-link-system-path="node/158605">Maintenance
fees</a></li><li id="main-menu_2_patents_primary_menu_1_maintaining-
a-patent_primary_menu_correcting-your-patent_primary_menu"
role="menuitem"><a href="/patents-maintaining-patent/data-
management-services" data-drupal-link-system-
path="node/158545">Correcting your patent</a></li><li id="main-
menu_2_patents_primary_menu_2_maintaining-
a-patent_primary_menu_transferring-ownership_primary_menu"
role="menuitem"><a href="/patents-maintaining-patent/patents-
assignments-change-search-ownership" data-drupal-link-system-
path="node/158400">Transferring ownership</a></li><li id="main-
menu_2_patents_primary_menu_3_maintaining-
a-patent_primary_menu_ordering-certified-documents_primary_menu"
role="menuitem"><a
href="https://certifiedcopycenter.uspto.gov">Ordering certified
documents</a></li></ul></div><div class="dropdown-col"><ul><li
id="main-menu_4_patents_primary_menu_tools-links_primary_menu"
class="menu-header" role="menuitem"><span class="header-text">Tools
&amp; links</span></li><li id="main-
menu_4_patents_primary_menu_0_tools-links_primary_menu_about-efs-
web_primary_menu" role="menuitem"><a href="/patents-application-
process/applying-online/about-efs-web" title="File a patent
application online with EFS-web" data-drupal-link-system-
path="node/160796">About EFS-Web</a><p class="link-description">File
a patent application online with EFS-web</p></li><li id="main-
menu_4_patents_primary_menu_1_tools-links_primary_menu_patent-
center_primary_menu" role="menuitem"><a href="/patents-application-
process/patent-center" title="Try the beta replacement for EFS-Web,
Private PAIR and Public PAIR" data-drupal-link-system-
path="node/161363">Patent Center</a><p class="link-description">Try
the beta replacement for EFS-Web, Private PAIR and Public PAIR</p>
</li><li id="main-menu_4_patents_primary_menu_2_tools-
links_primary_menu_check-application-status_primary_menu"
role="menuitem"><a href="/patents-application-process/checking-
application-status/check-filing-status-your-patent-application"
title="Check patent application status with public PAIR and private
PAIR" data-drupal-link-system-path="node/162473">Check application
status</a><p class="link-description">Check patent application
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status with public PAIR and private PAIR</p></li><li id="main-
menu_4_patents_primary_menu_3_tools-links_primary_menu_fees-and-
payment_primary_menu" role="menuitem"><a href="/learning-and-
resources/fees-and-payment" title="Pay maintenance fees and learn
more about filing fees and other payments" data-drupal-link-system-
path="node/162791">Fees and payment</a><p class="link-
description">Pay maintenance fees and learn more about filing fees
and other payments</p></li><li id="main-
menu_4_patents_primary_menu_4_tools-links_primary_menu_patent-trial-
appeal-board_primary_menu" role="menuitem"><a href="/patents-
application-process/patent-trial-and-appeal-board" title="Resolve
disputes regarding patents with PTAB" data-drupal-link-system-
path="node/194345">Patent Trial &amp; Appeal Board</a><p
class="link-description">Resolve disputes regarding patents with
PTAB</p></li><li id="main-menu_4_patents_primary_menu_5_tools-
links_primary_menu_global-dossier_primary_menu" role="menuitem"><a
href="/patents-getting-started/international-protection/global-
dossier-initiative" title="View international patent filings" data-
drupal-link-system-path="node/159398">Global Dossier</a><p
class="link-description">View international patent filings</p>
</li><li id="main-menu_4_patents_primary_menu_6_tools-
links_primary_menu_more-tools-links_primary_menu" role="menuitem"><a
href="/patent" data-drupal-link-system-path="node/191435">More tools
&amp; links</a></li></ul></div></div></li><li id="main-
menu_trademarks_primary_menu" class="dropdown yamm-fw"
role="menuitem"><a href="/trademark" class="dropdown-toggle" data-
toggle="dropdown" role="button">Trademarks</a><div class="dropdown-
menu" role="menu"><div class="dropdown-col"><ul><li id="main-
menu_0_trademarks_primary_menu_getting-started_primary_menu"
class="menu-header" role="menuitem"><span class="header-
text">Getting started</span></li><li id="main-
menu_0_trademarks_primary_menu_0_getting-
started_primary_menu_trademark-basics_primary_menu"
role="menuitem"><a href="/trademarks-getting-started/trademark-
basics" data-drupal-link-system-path="node/159193">Trademark
basics</a></li><li id="main-
menu_0_trademarks_primary_menu_1_getting-
started_primary_menu_process-overview_primary_menu"
role="menuitem"><a href="/trademarks-getting-started/trademark-
process" data-drupal-link-system-path="node/160525">Process
overview</a></li><li id="main-
menu_0_trademarks_primary_menu_2_getting-
started_primary_menu_trademark-faqs_primary_menu" role="menuitem"><a
href="/learning-and-resources/trademark-faqs" data-drupal-link-
system-path="node/3111">Trademark FAQs</a></li><li id="main-
menu_0_trademarks_primary_menu_3_getting-
started_primary_menu_hiring-a-u-s--licensed-attorney_primary_menu"
role="menuitem"><a href="/trademarks-getting-started/why-hire-
private-trademark-attorney" data-drupal-link-system-
path="node/158710">Hiring a U.S.-licensed attorney</a></li><li
id="main-menu_0_trademarks_primary_menu_4_getting-
started_primary_menu_madrid-protocol-international-
protection_primary_menu" role="menuitem"><a href="/trademark/laws-
regulations/madrid-protocol" data-drupal-link-system-
path="node/158952">Madrid Protocol &amp; international
protection</a></li><li id="main-
menu_0_trademarks_primary_menu_5_getting-
started_primary_menu_caution-misleading-offers-and-
notices_primary_menu" role="menuitem"><a href="/trademarks-getting-
started/caution-misleading-notices" data-drupal-link-system-
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path="node/159341">Caution: misleading offers and notices</a>
</li></ul></div><div class="dropdown-col"><ul><li id="main-
menu_1_trademarks_primary_menu_application-process_primary_menu"
class="menu-header" role="menuitem"><span class="header-
text">Application process</span></li><li id="main-
menu_1_trademarks_primary_menu_0_application-
process_primary_menu_searching-trademarks_primary_menu"
role="menuitem"><a href="/trademarks-application-process/search-
trademark-database" data-drupal-link-system-
path="node/158792">Searching trademarks</a></li><li id="main-
menu_1_trademarks_primary_menu_1_application-
process_primary_menu_apply-online_primary_menu" role="menuitem"><a
href="/trademarks-application-process/filing-online" data-drupal-
link-system-path="node/159528">Apply online</a></li><li id="main-
menu_1_trademarks_primary_menu_2_application-
process_primary_menu_disclosure-of-public-information_primary_menu"
role="menuitem"><a href="/trademarks-application-process/faqs-
personal-information-trademark-records" data-drupal-link-system-
path="node/160901">Disclosure of public information</a></li><li
id="main-menu_1_trademarks_primary_menu_3_application-
process_primary_menu_checking-application-status-viewing-
documents_primary_menu" role="menuitem"><a href="/trademarks-
application-process/check-status-view-documents" data-drupal-link-
system-path="node/158448">Checking application status &amp; viewing
documents</a></li><li id="main-
menu_1_trademarks_primary_menu_4_application-
process_primary_menu_responding-to-office-actions_primary_menu"
role="menuitem"><a href="/trademarks-maintaining-trademark-
registration/responding-office-actions" data-drupal-link-system-
path="node/158547">Responding to Office actions</a></li><li
id="main-menu_1_trademarks_primary_menu_5_application-
process_primary_menu_abandoned-applications_primary_menu"
role="menuitem"><a href="/trademarks-application-process/abandoned-
applications" data-drupal-link-system-path="node/157992">Abandoned
applications</a></li><li id="main-
menu_1_trademarks_primary_menu_6_application-
process_primary_menu_ordering-certified-documents_primary_menu"
role="menuitem"><a href="/trademark/contact-trademarks#OrderDocs"
data-drupal-link-system-path="node/158772">Ordering certified
documents</a></li><li id="main-
menu_1_trademarks_primary_menu_7_application-
process_primary_menu_trademark-trial-and-appeal-board_primary_menu"
role="menuitem"><a href="/trademarks-application-process/trademark-
trial-and-appeal-board" data-drupal-link-system-
path="node/161352">Trademark Trial and Appeal Board</a></li></ul>
</div><div class="dropdown-col"><ul><li id="main-
menu_2_trademarks_primary_menu_maintaining-a-trademark-
registration_primary_menu" class="menu-header" role="menuitem"><span
class="header-text">Maintaining a trademark registration</span>
</li><li id="main-menu_2_trademarks_primary_menu_0_maintaining-
a-trademark-registration_primary_menu_keeping-your-registration-
alive_primary_menu" role="menuitem"><a href="/trademarks-
maintaining-trademark-registration/keeping-your-registration-alive"
data-drupal-link-system-path="node/163847">Keeping your registration
alive</a></li><li id="main-
menu_2_trademarks_primary_menu_1_maintaining-a-trademark-
registration_primary_menu_forms-to-file_primary_menu"
role="menuitem"><a href="/trademarks-application-process/filing-
online/registration-maintenancerenewalcorrection-forms" data-drupal-
link-system-path="node/158620">Forms to file</a></li><li id="main-
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menu_2_trademarks_primary_menu_2_maintaining-a-trademark-
registration_primary_menu_checking-registration-status-viewing-
documents_primary_menu" role="menuitem"><a href="/trademarks-
getting-started/trademark-basics/checking-status-application-or-
registration" data-drupal-link-system-path="node/158425">Checking
registration status &amp; viewing documents</a></li><li id="main-
menu_2_trademarks_primary_menu_3_maintaining-a-trademark-
registration_primary_menu_enforcing-your-trademark-rights-trademark-
litigation_primary_menu" role="menuitem"><a href="/trademark/been-
sued-or-received-cease-and-desist-letter-answers-common-questions-
about-trademark" data-drupal-link-system-
path="node/160264">Enforcing your trademark rights/trademark
litigation</a></li><li id="main-
menu_2_trademarks_primary_menu_4_maintaining-a-trademark-
registration_primary_menu_transferring-ownership_primary_menu"
role="menuitem"><a href="/trademark/trademark-assignments-change-
search-ownership" data-drupal-link-system-
path="node/158951">Transferring ownership</a></li></ul></div><div
class="dropdown-col"><ul><li id="main-
menu_4_trademarks_primary_menu_tools-links_primary_menu"
class="menu-header" role="menuitem"><span class="header-text">Tools
&amp; links</span></li><li id="main-
menu_4_trademarks_primary_menu_0_tools-links_primary_menu_apply-
online-teas_primary_menu" role="menuitem"><a href="/trademarks-
application-process/filing-online" title="File a trademark
application and other documents online through TEAS." data-drupal-
link-system-path="node/159528">Apply online (TEAS)</a><p
class="link-description">File a trademark application and other
documents online through TEAS.</p></li><li id="main-
menu_4_trademarks_primary_menu_1_tools-links_primary_menu_check-
application-status-tsdr_primary_menu" role="menuitem"><a
href="/trademarks-application-process/check-status-view-documents"
title="Check trademark application status and view all documents
associated with an application/registration." data-drupal-link-
system-path="node/158448">Check application status (TSDR)</a><p
class="link-description">Check trademark application status and view
all documents associated with an application/registration.
</p></li><li id="main-menu_4_trademarks_primary_menu_2_tools-
links_primary_menu_trademark-fees_primary_menu" role="menuitem"><a
href="/trademark/trademark-fee-information" title="Trademark fees
and payment" data-drupal-link-system-path="node/158616">Trademark
fees</a><p class="link-description">Trademark fees and payment</p>
</li><li id="main-menu_4_trademarks_primary_menu_3_tools-
links_primary_menu_trademark-trial-and-appeal-board_primary_menu"
role="menuitem"><a href="/trademarks-application-process/trademark-
trial-and-appeal-board" data-drupal-link-system-
path="node/161352">Trademark Trial and Appeal Board</a></li><li
id="main-menu_4_trademarks_primary_menu_4_tools-
links_primary_menu_more-tools-links_primary_menu" role="menuitem"><a
href="/trademark" data-drupal-link-system-path="node/191417">More
tools &amp; links</a></li></ul></div></div></li><li id="main-
menu_ip-policy_primary_menu" class="dropdown yamm-fw"
role="menuitem"><a href="/ip-policy" class="dropdown-toggle" data-
toggle="dropdown" role="button">IP Policy</a><div class="dropdown-
menu" role="menu"><div class="dropdown-col"><ul><li id="main-
menu_0_ip-policy_primary_menu_ip-policy_primary_menu" class="menu-
header" role="menuitem"><span class="header-text">IP policy</span>
</li><li id="main-menu_0_ip-policy_primary_menu_0_ip-
policy_primary_menu_patent-policy_primary_menu" role="menuitem"><a
href="/ip-policy/patent-policy" data-drupal-link-system-
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path="node/159212">Patent policy</a></li><li id="main-menu_0_ip-
policy_primary_menu_1_ip-policy_primary_menu_trademark-
policy_primary_menu" role="menuitem"><a href="/ip-policy/trademark-
policy" data-drupal-link-system-path="node/193314">Trademark
policy</a></li><li id="main-menu_0_ip-policy_primary_menu_2_ip-
policy_primary_menu_copyright-policy_primary_menu"
role="menuitem"><a href="/ip-policy/copyright-policy" data-drupal-
link-system-path="node/163165">Copyright policy</a></li><li
id="main-menu_0_ip-policy_primary_menu_3_ip-
policy_primary_menu_enforcement-policy_primary_menu"
role="menuitem"><a href="/ip-policy/enforcement-policy" data-drupal-
link-system-path="node/193575">Enforcement policy</a></li><li
id="main-menu_0_ip-policy_primary_menu_4_ip-
policy_primary_menu_trade-secret-policy_primary_menu"
role="menuitem"><a href="/ip-policy/trade-secret-policy" data-
drupal-link-system-path="node/158846">Trade secret policy</a>
</li></ul></div><div class="dropdown-col"><ul><li id="main-
menu_1_ip-policy_primary_menu_international-affairs_primary_menu"
class="menu-header" role="menuitem"><span class="header-
text">International affairs</span></li><li id="main-menu_1_ip-
policy_primary_menu_0_international-affairs_primary_menu_ip-attach-
program_primary_menu" role="menuitem"><a href="/ip-policy/ip-
attache-program" data-drupal-link-system-path="node/175312">IP
Attaché Program</a></li><li id="main-menu_1_ip-
policy_primary_menu_1_international-affairs_primary_menu_ip-in-
china_primary_menu" role="menuitem"><a href="/ip-policy/ip-china"
data-drupal-link-system-path="node/176282">IP in China</a></li><li
id="main-menu_1_ip-policy_primary_menu_2_international-
affairs_primary_menu_ipr-toolkits_primary_menu" role="menuitem"><a
href="/ip-policy/ipr-toolkits" data-drupal-link-system-
path="node/158824">IPR toolkits</a></li><li id="main-menu_1_ip-
policy_primary_menu_3_international-
affairs_primary_menu_international-intergovernmental-
organizations_primary_menu" role="menuitem"><a href="/ip-policy
/international-intergovernmental-organizations" data-drupal-link-
system-path="node/172891">International intergovernmental
organizations</a></li></ul></div><div class="dropdown-col"><ul><li
id="main-menu_2_ip-policy_primary_menu_ip-research-and-
training_primary_menu" class="menu-header" role="menuitem"><span
class="header-text">IP research and training </span></li><li
id="main-menu_2_ip-policy_primary_menu_0_ip-research-and-
training_primary_menu_economic-research_primary_menu"
role="menuitem"><a href="/ip-policy/economic-research" data-drupal-
link-system-path="node/168570">Economic research</a></li><li
id="main-menu_2_ip-policy_primary_menu_1_ip-research-and-
training_primary_menu_global-intellectual-property-
academy_primary_menu" role="menuitem"><a href="/ip-policy/global-
intellectual-property-academy" data-drupal-link-system-
path="node/159204">Global Intellectual Property Academy</a>
</li></ul></div><div class="dropdown-col"><ul><li id="main-
menu_3_ip-policy_primary_menu_tools-links_primary_menu" class="menu-
header" role="menuitem"><span class="header-text">Tools &amp;
links</span></li><li id="main-menu_3_ip-policy_primary_menu_0_tools-
links_primary_menu_legislative-resources_primary_menu"
role="menuitem"><a href="/ip-policy/legislative-resources"
title="Learn about our current legislative initiatives." data-
drupal-link-system-path="node/191579">Legislative resources</a><p
class="link-description">Learn about our current legislative
initiatives.</p></li><li id="main-menu_3_ip-
policy_primary_menu_1_tools-links_primary_menu_ipr-
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                    toolkits_primary_menu" role="menuitem"><a href="/ip-policy/ipr-
                    toolkits" title="Find out how to protect intellectual property in
                    other countries." data-drupal-link-system-path="node/158824">IPR
                    toolkits</a><p class="link-description">Find out how to protect
                    intellectual property in other countries.</p></li><li id="main-
                    menu_3_ip-policy_primary_menu_2_tools-links_primary_menu_ip-policy-
                    events_primary_menu" role="menuitem"><a href="/ip-policy/ip-policy-
                    events" title="Find upcoming programs related to IP policy and
                    international affairs" data-drupal-link-system-path="node/192813">IP
                    policy events</a><p class="link-description">Find upcoming programs
                    related to IP policy and international affairs</p></li><li id="main-
                    menu_3_ip-policy_primary_menu_3_tools-links_primary_menu_more-tools-
                    links_primary_menu" role="menuitem"><a href="/ip-policy" data-
                    drupal-link-system-path="node/191438">More tools &amp; links</a>
                    </li></ul></div></div></li><li id="main-menu_learning-and-
                    resources_primary_menu" class="dropdown yamm-fw" role="menuitem"><a
                    href="/learning-resources" class="dropdown-toggle" data-
                    toggle="dropdown" role="button">Learning and Resources</a><div
                    class="dropdown-menu" role="menu"><div class="dropdown-col"><ul><li
                    id="main-menu_0_learning-and-resources_primary_menu_resources-by-
                    audience_primary_menu" class="menu-header" role="menuitem"><span
                    class="header-text">Resources by audience</span></li><li id="main-
                    menu_0_learning-and-resources_primary_menu_0_resources-by-
                    audience_primary_menu_attorneys-agents-paralegals_primary_menu"
                    role="menuitem"><a href="/learning-and-resources/attorneys-agents-
                    and-paralegals" data-drupal-link-system-
                    path="node/158860">Attorneys, agents &amp; paralegals</a></li><li
                    id="main-menu_0_learning-and-resources_primary_menu_1_resources-by-
                    audience_primary_menu_inventors-entrepreneurs_primary_menu"
                    role="menuitem"><a href="/learning-and-resources/inventors-
                    entrepreneurs-resources" data-drupal-link-system-
                    path="node/159231">Inventors &amp; entrepreneurs</a></li><li
                    id="main-menu_0_learning-and-resources_primary_menu_2_resources-by-
                    audience_primary_menu_kids-educators_primary_menu"
                    role="menuitem"><a href="https://www.uspto.gov/kids/index.html">Kids
                    &amp; educators</a></li><li id="main-menu_0_learning-and-
                    resources_primary_menu_3_resources-by-
                    audience_primary_menu_media_primary_menu" role="menuitem"><a
                    href="/about-us/news-updates" data-drupal-link-system-
                    path="node/227">Media</a></li><li id="main-menu_0_learning-and-
                    resources_primary_menu_4_resources-by-
                    audience_primary_menu_researchers-librarians_primary_menu"
                    role="menuitem"><a href="/learning-and-resources/support-centers
                    /patent-and-trademark-resource-centers-ptrcs" data-drupal-link-
                    system-path="node/159226">Researchers &amp; librarians</a></li><li
                    id="main-menu_0_learning-and-resources_primary_menu_5_resources-by-
                    audience_primary_menu_patent-trademark-practitioners_primary_menu"
                    role="menuitem"><a href="/learning-and-resources/patent-and-
                    trademark-practitioners" data-drupal-link-system-
                    path="node/168530">Patent &amp; trademark practitioners</a>
                    </li></ul></div><div class="dropdown-col"><ul><li id="main-
                    menu_1_learning-and-resources_primary_menu_help-by-
                    topic_primary_menu" class="menu-header" role="menuitem"><span
                    class="header-text">Help by topic</span></li><li id="main-
                    menu_1_learning-and-resources_primary_menu_0_help-by-
                    topic_primary_menu_fees-and-payment_primary_menu" role="menuitem"><a
                    href="/learning-and-resources/fees-and-payment" data-drupal-link-
                    system-path="node/162791">Fees and payment</a></li><li id="main-
                    menu_1_learning-and-resources_primary_menu_1_help-by-
                    topic_primary_menu_general-faqs_primary_menu" role="menuitem"><a
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href="/learning-and-resources/general-faqs" data-drupal-link-system-
path="node/3267">General FAQs</a></li><li id="main-menu_1_learning-
and-resources_primary_menu_2_help-by-topic_primary_menu_patents-
faqs_primary_menu" role="menuitem"><a href="/help/patent-help" data-
drupal-link-system-path="node/116">Patents FAQs</a></li><li
id="main-menu_1_learning-and-resources_primary_menu_3_help-by-
topic_primary_menu_trademark-faqs_primary_menu" role="menuitem"><a
href="/learning-and-resources/trademark-faqs" data-drupal-link-
system-path="node/3111">Trademark FAQs</a></li><li id="main-
menu_1_learning-and-resources_primary_menu_4_help-by-
topic_primary_menu_transferring-ownership-assignments-
help_primary_menu" role="menuitem"><a href="/learning-and-resources
/transferring-ownership-assignments-faqs" data-drupal-link-system-
path="node/160329">Transferring ownership / Assignments help</a>
</li></ul></div><div class="dropdown-col"><ul><li id="main-
menu_2_learning-and-resources_primary_menu_services-
publications_primary_menu" class="menu-header" role="menuitem"><span
class="header-text">Services &amp; publications</span></li><li
id="main-menu_2_learning-and-resources_primary_menu_0_services-
publications_primary_menu_open-data-mobility_primary_menu"
role="menuitem"><a href="/learning-and-resources/open-data-and-
mobility" data-drupal-link-system-path="node/162979">Open data &amp;
mobility</a></li><li id="main-menu_2_learning-and-
resources_primary_menu_1_services-publications_primary_menu_federal-
register-notices_primary_menu" role="menuitem"><a href="/learning-
and-resources/federal-register" data-drupal-link-system-
path="node/159205">Federal Register Notices</a></li><li id="main-
menu_2_learning-and-resources_primary_menu_2_services-
publications_primary_menu_official-gazette_primary_menu"
role="menuitem"><a href="/learning-and-resources/official-gazette"
data-drupal-link-system-path="node/159520">Official Gazette</a>
</li><li id="main-menu_2_learning-and-
resources_primary_menu_3_services-publications_primary_menu_support-
centers_primary_menu" role="menuitem"><a href="/learning-and-
resources/support-centers" data-drupal-link-system-
path="node/160543">Support centers</a></li><li id="main-
menu_2_learning-and-resources_primary_menu_4_services-
publications_primary_menu_xml-resources_primary_menu"
role="menuitem"><a href="/learning-and-resources/xml-resources"
data-drupal-link-system-path="node/158330">XML resources</a></li><li
id="main-menu_2_learning-and-resources_primary_menu_6_services-
publications_primary_menu_classification_primary_menu"
role="menuitem"><a href="/patents-application-process/patent-search
/classification-standards-and-development" data-drupal-link-system-
path="node/158812">Classification</a></li></ul></div><div
class="dropdown-col"><ul><li id="main-menu_3_learning-and-
resources_primary_menu_tools-links_primary_menu" class="menu-header"
role="menuitem"><span class="header-text">Tools &amp; links</span>
</li><li id="main-menu_3_learning-and-
resources_primary_menu_0_tools-links_primary_menu_operational-
status_primary_menu" role="menuitem"><a href="/learning-and-
resources/operating-status" data-drupal-link-system-
path="node/159269">Operational status</a></li><li id="main-
menu_3_learning-and-resources_primary_menu_1_tools-
links_primary_menu_events_primary_menu" role="menuitem"><a
href="/about-us/events" data-drupal-link-system-
path="node/176">Events</a></li><li id="main-menu_3_learning-and-
resources_primary_menu_2_tools-links_primary_menu_guidance-
documents_primary_menu" role="menuitem"><a href="/guidance" data-
drupal-link-system-path="node/192542">Guidance documents</a></li><li
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id="main-menu_3_learning-and-resources_primary_menu_3_tools-
links_primary_menu_glossary-of-terms_primary_menu"
role="menuitem"><a href="/learning-and-resources/glossary" data-
drupal-link-system-path="learning-and-resources/glossary">Glossary
of terms</a></li><li id="main-menu_3_learning-and-
resources_primary_menu_4_tools-
links_primary_menu_subscriptions_primary_menu" role="menuitem"><a
href="https://www.uspto.gov/subscribe">Subscriptions</a></li><li
id="main-menu_3_learning-and-resources_primary_menu_5_tools-
links_primary_menu_how-to-videos_primary_menu" role="menuitem"><a
href="/learning-and-resources/uspto-videos" data-drupal-link-system-
path="node/171287">How-to videos</a></li><li id="main-
menu_3_learning-and-resources_primary_menu_6_tools-
links_primary_menu_ip-programs-and-awards_primary_menu"
role="menuitem"><a href="/learning-and-resources/ip-programs-and-
awards" data-drupal-link-system-path="node/160581">IP programs and
awards</a></li><li id="main-menu_3_learning-and-
resources_primary_menu_7_tools-
links_primary_menu_statistics_primary_menu" role="menuitem"><a
href="/learning-and-resources/statistics" data-drupal-link-system-
path="node/158699">Statistics</a></li><li id="main-menu_3_learning-
and-resources_primary_menu_8_tools-links_primary_menu_more-tools-
links_primary_menu" role="menuitem"><a href="/learning-resources"
data-drupal-link-system-path="node/191546">More tools &amp;
links</a></li></ul></div></div></li></ul></div> </nav></div><div
class="region region-secondary-menu"> <nav role="navigation" aria-
labelledby="block-mobilenavigation-menu" id="block-mobilenavigation"
class="block block-menu navigation menu--main"><h2 class="visually-
hidden" id="block-mobilenavigation-menu">Mobile main menu</h2><ul
region="secondary_menu" class="menu"><li id="main-
menu_patents_secondary_menu" class="menu-item expanded"> <a
href="/patent#patents-0" class="menuparent" aria-hidden="true">
Patents</a><ul class="menu"><li class="menu-item"><a href="/"
class="menu__link menu-back" style="left: 0px;">Back</a></li><li
id="main-menu_0_patents_secondary_menu_getting-
started_secondary_menu" class="menu-item expanded"> <a
href="/patent#getting-started-1" class="menuparent" aria-
hidden="true"> Getting started</a><ul class="menu"><li class="menu-
item"><a href="/" class="menu__link menu-back" style="left:
0px;">Back</a></li><li id="main-
menu_0_patents_secondary_menu_0_getting-
started_secondary_menu_patent-basics_secondary_menu" class="menu-
item collapsed"> <a href="/patents-getting-started/general-
information-concerning-patents" data-drupal-link-system-
path="node/158364">Patent basics</a></li><li id="main-
menu_0_patents_secondary_menu_1_getting-
started_secondary_menu_process-overview_secondary_menu" class="menu-
item"> <a href="/patents-getting-started/patent-process-overview"
data-drupal-link-system-path="node/160540">Process overview</a>
</li><li id="main-menu_0_patents_secondary_menu_2_getting-
started_secondary_menu_legal-assistance-and-
resources_secondary_menu" class="menu-item"> <a href="/patents-
getting-started/legal-assistance-and-resources" data-drupal-link-
system-path="node/160334">Legal assistance and resources</a></li><li
id="main-menu_0_patents_secondary_menu_3_getting-
started_secondary_menu_inventor-and-entrepreneur-
resources_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/inventors-entrepreneurs-resources" data-drupal-link-
system-path="node/159231">Inventor and entrepreneur resources</a>
</li><li id="main-menu_0_patents_secondary_menu_4_getting-
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started_secondary_menu_international-cooperation_secondary_menu"
class="menu-item collapsed"> <**a href**="/patents-getting-started
/international-patent-cooperation" **data-drupal-link-system-**
path="node/159361">International cooperation</**a**></**li**><**li id**="main-
menu_0_patents_secondary_menu_5_getting-
started_secondary_menu_patent-faqs_secondary_menu" **class**="menu-
item"> <**a href**="/help/patent-help#patents" **data-drupal-link-system-**
path="node/116">Patent FAQs</**a**></**li**></**ul**></**li**><**li id**="main-
menu_1_patents_secondary_menu_application-process_secondary_menu"
class="menu-item expanded"> <**a href**="/patent#application-process-1"
class="menuparent" **aria-hidden**="true"> Application process</**a**><**ul**
class="menu"><**li class**="menu-item"><**a href**="/" **class**="menu__link
menu-back" **style**="left: 0px;">Back</**a**></**li**><**li id**="main-
menu_1_patents_secondary_menu_0_application-
process_secondary_menu_search-for-patents_secondary_menu"
class="menu-item collapsed"> <**a href**="/patents-application-process
/search-patents" **data-drupal-link-system-path**="node/158806">Search
for patents</**a**></**li**><**li id**="main-
menu_1_patents_secondary_menu_1_application-
process_secondary_menu_learn-about-patent-
classification_secondary_menu" **class**="menu-item"> <**a href**="/patents-
application-process/patent-search/classification-standards-and-
development" **data-drupal-link-system-path**="node/158812">Learn about
patent classification</**a**></**li**><**li id**="main-
menu_1_patents_secondary_menu_2_application-
process_secondary_menu_filing-online_secondary_menu" **class**="menu-
item collapsed"> <**a href**="/patents-application-process/file-online"
data-drupal-link-system-path="node/158495">Filing online</**a**></**li**><**li**
id="main-menu_1_patents_secondary_menu_3_application-
process_secondary_menu_checking-application-status_secondary_menu"
class="menu-item collapsed"> <**a href**="/patents-application-process
/checking-application-status/check-filing-status-your-patent-
application" **data-drupal-link-system-path**="node/162473">Checking
application status</**a**></**li**><**li id**="main-
menu_1_patents_secondary_menu_4_application-
process_secondary_menu_responding-to-office-actions_secondary_menu"
class="menu-item"> <**a href**="/patents-maintaining-patent/responding-
office-actions" **data-drupal-link-system-**
path="node/160642">Responding to Office actions</**a**></**li**><**li**
id="main-menu_1_patents_secondary_menu_5_application-
process_secondary_menu_petitions_secondary_menu" **class**="menu-item">
<**a href**="/patents-application-process/petitions" **data-drupal-link-**
system-path="node/158997">Petitions</**a**></**li**><**li id**="main-
menu_1_patents_secondary_menu_6_application-
process_secondary_menu_patent-trial-and-appeal-board_secondary_menu"
class="menu-item collapsed"> <**a href**="/patents-application-process
/patent-trial-and-appeal-board" **data-drupal-link-system-**
path="node/194345">Patent Trial and Appeal Board</**a**></**li**></**ul**>
</**li**><**li id**="main-menu_2_patents_secondary_menu_maintaining-
a-patent_secondary_menu" **class**="menu-item expanded"> <**a**
href="/patent#maintaining-a-patent-1" **class**="menuparent" **aria-**
hidden="true"> Maintaining a patent</**a**><**ul class**="menu"><**li**
class="menu-item"><**a href**="/" **class**="menu__link menu-back"
style="left: 0px;">Back</**a**></**li**><**li id**="main-
menu_2_patents_secondary_menu_0_maintaining-
a-patent_secondary_menu_maintenance-fees_secondary_menu"
class="menu-item"> <**a href**="/patents-maintaining-patent/maintain-
your-patent" **data-drupal-link-system-path**="node/158605">Maintenance
fees</**a**></**li**><**li id**="main-
menu_2_patents_secondary_menu_1_maintaining-

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a-patent_secondary_menu_correcting-your-patent_secondary_menu"
class="menu-item"> <a href="/patents-maintaining-patent/data-
management-services" data-drupal-link-system-
path="node/158545">Correcting your patent</a></li><li id="main-
menu_2_patents_secondary_menu_2_maintaining-
a-patent_secondary_menu_transferring-ownership_secondary_menu"
class="menu-item"> <a href="/patents-maintaining-patent/patents-
assignments-change-search-ownership" data-drupal-link-system-
path="node/158400">Transferring ownership</a></li><li id="main-
menu_2_patents_secondary_menu_3_maintaining-
a-patent_secondary_menu_ordering-certified-documents_secondary_menu"
class="menu-item"> <a
href="https://certifiedcopycenter.uspto.gov">Ordering certified
documents</a></li></ul></li><li id="main-
menu_3_patents_secondary_menu_more-patents_secondary_menu"
class="menu-item expanded"> <a href="/patent#more-patents-1"
class="menuparent" aria-hidden="true"> More Patents</a><ul
class="menu"><li class="menu-item"><a href="/" class="menu__link
menu-back" style="left: 0px;">Back</a></li><li id="main-
menu_3_patents_secondary_menu_0_more-
patents_secondary_menu_forms_secondary_menu" class="menu-item"> <a
href="/patent/patents-forms" data-drupal-link-system-
path="node/158540">Forms</a></li><li id="main-
menu_3_patents_secondary_menu_1_more-patents_secondary_menu_fees-
payment-information_secondary_menu" class="menu-item"> <a
href="/learning-and-resources/fees-and-payment/fees-payments-faqs"
data-drupal-link-system-path="node/3266">Fees &amp; payment
information</a></li><li id="main-
menu_3_patents_secondary_menu_2_more-
patents_secondary_menu_initiatives_secondary_menu" class="menu-item
collapsed"> <a href="/patent/initiatives" data-drupal-link-system-
path="node/159323">Initiatives</a></li><li id="main-
menu_3_patents_secondary_menu_3_more-patents_secondary_menu_patents-
announcements_secondary_menu" class="menu-item"> <a href="/patent
/patent-announcements" data-drupal-link-system-
path="node/159184">Patents Announcements</a></li><li id="main-
menu_3_patents_secondary_menu_4_more-patents_secondary_menu_patents-
ombudsman_secondary_menu" class="menu-item"> <a href="/patent
/ombudsman-program" data-drupal-link-system-
path="node/159526">Patents Ombudsman</a></li><li id="main-
menu_3_patents_secondary_menu_5_more-patents_secondary_menu_laws-
and-regulations_secondary_menu" class="menu-item collapsed"> <a
href="/patent/laws-regulations-policies-procedures-guidance-and-
training" data-drupal-link-system-path="node/159154">Laws and
Regulations</a></li><li id="main-
menu_3_patents_secondary_menu_6_more-patents_secondary_menu_contact-
patents_secondary_menu" class="menu-item"> <a href="/patent/contact-
patents" data-drupal-link-system-path="node/160333">Contact
Patents</a></li><li id="main-menu_3_patents_secondary_menu_7_more-
patents_secondary_menu_patent-technology-centers-
management_secondary_menu" class="menu-item collapsed"> <a
href="/patent/contact-patents/patent-technology-centers-management"
data-drupal-link-system-path="node/159730">Patent Technology Centers
Management</a></li></ul></li><li id="main-
menu_4_patents_secondary_menu_tools-links_secondary_menu"
class="menu-item expanded"> <a href="/patent#tools-&amp;-links-1"
class="menuparent" aria-hidden="true"> Tools &amp; links</a><ul
class="menu"><li class="menu-item"><a href="/" class="menu__link
menu-back" style="left: 0px;">Back</a></li><li id="main-
menu_4_patents_secondary_menu_0_tools-links_secondary_menu_about-
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efs-web_secondary_menu" **class**="menu-item"> <**a** href="/patents-application-process/applying-online/about-efs-web" **title**="File a patent application online with EFS-web" **data-drupal-link-system-path**="node/160796">About EFS-Web</**a**></**li**><**li** id="main-menu_4_patents_secondary_menu_1_tools-links_secondary_menu_patent-center_secondary_menu" **class**="menu-item"> <**a** href="/patents-application-process/patent-center" **title**="Try the beta replacement for EFS-Web, Private PAIR and Public PAIR" **data-drupal-link-system-path**="node/161363">Patent Center</**a**></**li**><**li** id="main-menu_4_patents_secondary_menu_2_tools-links_secondary_menu_check-application-status_secondary_menu" **class**="menu-item"> <**a** href="/patents-application-process/checking-application-status/check-filing-status-your-patent-application" **title**="Check patent application status with public PAIR and private PAIR" **data-drupal-link-system-path**="node/162473">Check application status</**a**></**li**><**li** id="main-menu_4_patents_secondary_menu_3_tools-links_secondary_menu_fees-and-payment_secondary_menu" **class**="menu-item"> <**a** href="/learning-and-resources/fees-and-payment" **title**="Pay maintenance fees and learn more about filing fees and other payments" **data-drupal-link-system-path**="node/162791">Fees and payment</**a**></**li**><**li** id="main-menu_4_patents_secondary_menu_4_tools-links_secondary_menu_patent-trial-appeal-board_secondary_menu" **class**="menu-item"> <**a** href="/patents-application-process/patent-trial-and-appeal-board" **title**="Resolve disputes regarding patents with PTAB" **data-drupal-link-system-path**="node/194345">Patent Trial & Appeal Board</**a**></**li**><**li** id="main-menu_4_patents_secondary_menu_5_tools-links_secondary_menu_global-dossier_secondary_menu" **class**="menu-item"> <**a** href="/patents-getting-started/international-protection/global-dossier-initiative" **title**="View international patent filings" **data-drupal-link-system-path**="node/159398">Global Dossier</**a**></**li**><**li** id="main-menu_4_patents_secondary_menu_6_tools-links_secondary_menu_more-tools-links_secondary_menu" **class**="menu-item"> <**a** href="/patent" **data-drupal-link-system-path**="node/191435">More tools & links</**a**></**li**></**ul**></**li**></**ul**></**li**><**li** id="main-menu_trademarks_secondary_menu" **class**="menu-item expanded"> <**a** href="/trademark#trademarks-0" **class**="menuparent" **aria-hidden**="true"> Trademarks</**a**><**ul** **class**="menu"><**li** **class**="menu-item"><**a** href="/" **class**="menu__link menu-back" **style**="left: 0px;">Back</**a**></**li**><**li** id="main-menu_0_trademarks_secondary_menu_getting-started_secondary_menu" **class**="menu-item expanded"> <**a** href="/trademark#getting-started-1" **class**="menuparent" **aria-hidden**="true"> Getting started</**a**><**ul** **class**="menu"><**li** **class**="menu-item"><**a** href="/" **class**="menu__link menu-back" **style**="left: 0px;">Back</**a**></**li**><**li** id="main-menu_0_trademarks_secondary_menu_0_getting-started_secondary_menu_trademark-basics_secondary_menu" **class**="menu-item"> <**a** href="/trademarks-getting-started/trademark-basics" **data-drupal-link-system-path**="node/159193">Trademark basics</**a**></**li**><**li** id="main-menu_0_trademarks_secondary_menu_1_getting-started_secondary_menu_process-overview_secondary_menu" **class**="menu-item"> <**a** href="/trademarks-getting-started/trademark-process" **data-drupal-link-system-path**="node/160525">Process overview</**a**></**li**><**li** id="main-menu_0_trademarks_secondary_menu_2_getting-started_secondary_menu_trademark-faqs_secondary_menu" **class**="menu-item"> <**a** href="/learning-and-resources/trademark-faqs" **data-drupal-link-system-path**="node/3111">Trademark FAQs</**a**></**li**><**li** id="main-menu_0_trademarks_secondary_menu_3_getting-started_secondary_menu_hiring-a-u-s--licensed-attorney_secondary_menu" **class**="menu-item"> <**a** href="/trademarks-

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getting-started/why-hire-private-trademark-attorney" data-drupal-
link-system-path="node/158710">Hiring a U.S.-licensed attorney</a>
</li><li id="main-menu_0_trademarks_secondary_menu_4_getting-
started_secondary_menu_madrid-protocol-international-
protection_secondary_menu" class="menu-item"> <a href="/trademark
/laws-regulations/madrid-protocol" data-drupal-link-system-
path="node/158952">Madrid Protocol &amp; international
protection</a></li><li id="main-
menu_0_trademarks_secondary_menu_5_getting-
started_secondary_menu_caution-misleading-offers-and-
notices_secondary_menu" class="menu-item"> <a href="/trademarks-
getting-started/caution-misleading-notices" data-drupal-link-system-
path="node/159341">Caution: misleading offers and notices</a>
</li></ul></li><li id="main-
menu_1_trademarks_secondary_menu_application-process_secondary_menu"
class="menu-item expanded"> <a href="/trademark#application-
process-1" class="menuparent" aria-hidden="true"> Application
process</a><ul class="menu"><li class="menu-item"><a href="/"
class="menu__link menu-back" style="left: 0px;">Back</a></li><li
id="main-menu_1_trademarks_secondary_menu_0_application-
process_secondary_menu_searching-trademarks_secondary_menu"
class="menu-item"> <a href="/trademarks-application-process/search-
trademark-database" data-drupal-link-system-
path="node/158792">Searching trademarks</a></li><li id="main-
menu_1_trademarks_secondary_menu_1_application-
process_secondary_menu_apply-online_secondary_menu" class="menu-
item"> <a href="/trademarks-application-process/filing-online" data-
drupal-link-system-path="node/159528">Apply online</a></li><li
id="main-menu_1_trademarks_secondary_menu_2_application-
process_secondary_menu_disclosure-of-public-
information_secondary_menu" class="menu-item"> <a href="/trademarks-
application-process/faqs-personal-information-trademark-records"
data-drupal-link-system-path="node/160901">Disclosure of public
information</a></li><li id="main-
menu_1_trademarks_secondary_menu_3_application-
process_secondary_menu_checking-application-status-viewing-
documents_secondary_menu" class="menu-item"> <a href="/trademarks-
application-process/check-status-view-documents" data-drupal-link-
system-path="node/158448">Checking application status &amp; viewing
documents</a></li><li id="main-
menu_1_trademarks_secondary_menu_4_application-
process_secondary_menu_responding-to-office-actions_secondary_menu"
class="menu-item"> <a href="/trademarks-maintaining-trademark-
registration/responding-office-actions" data-drupal-link-system-
path="node/158547">Responding to Office actions</a></li><li
id="main-menu_1_trademarks_secondary_menu_5_application-
process_secondary_menu_abandoned-applications_secondary_menu"
class="menu-item"> <a href="/trademarks-application-process
/abandoned-applications" data-drupal-link-system-
path="node/157992">Abandoned applications</a></li><li id="main-
menu_1_trademarks_secondary_menu_6_application-
process_secondary_menu_ordering-certified-documents_secondary_menu"
class="menu-item"> <a href="/trademark/contact-trademarks#OrderDocs"
data-drupal-link-system-path="node/158772">Ordering certified
documents</a></li><li id="main-
menu_1_trademarks_secondary_menu_7_application-
process_secondary_menu_trademark-trial-and-appeal-
board_secondary_menu" class="menu-item"> <a href="/trademarks-
application-process/trademark-trial-and-appeal-board" data-drupal-
link-system-path="node/161352">Trademark Trial and Appeal Board</a>
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</li></ul></li><li id="main-
menu_2_trademarks_secondary_menu_maintaining-a-trademark-
registration_secondary_menu" class="menu-item expanded"> <a
href="/trademark#maintaining-a-trademark-registration-1"
class="menuparent" aria-hidden="true"> Maintaining a trademark
registration</a><ul class="menu"><li class="menu-item"><a href="/"
class="menu__link menu-back" style="left: 0px;">Back</a></li><li
id="main-menu_2_trademarks_secondary_menu_0_maintaining-a-trademark-
registration_secondary_menu_keeping-your-registration-
alive_secondary_menu" class="menu-item"> <a href="/trademarks-
maintaining-trademark-registration/keeping-your-registration-alive"
data-drupal-link-system-path="node/163847">Keeping your registration
alive</a></li><li id="main-
menu_2_trademarks_secondary_menu_1_maintaining-a-trademark-
registration_secondary_menu_forms-to-file_secondary_menu"
class="menu-item"> <a href="/trademarks-application-process/filing-
online/registration-maintenancerenewalcorrection-forms" data-drupal-
link-system-path="node/158620">Forms to file</a></li><li id="main-
menu_2_trademarks_secondary_menu_2_maintaining-a-trademark-
registration_secondary_menu_checking-registration-status-viewing-
documents_secondary_menu" class="menu-item"> <a href="/trademarks-
getting-started/trademark-basics/checking-status-application-or-
registration" data-drupal-link-system-path="node/158425">Checking
registration status &amp; viewing documents</a></li><li id="main-
menu_2_trademarks_secondary_menu_3_maintaining-a-trademark-
registration_secondary_menu_enforcing-your-trademark-rights-
trademark-litigation_secondary_menu" class="menu-item"> <a
href="/trademark/been-sued-or-received-cease-and-desist-letter-
answers-common-questions-about-trademark" data-drupal-link-system-
path="node/160264">Enforcing your trademark rights/trademark
litigation</a></li><li id="main-
menu_2_trademarks_secondary_menu_4_maintaining-a-trademark-
registration_secondary_menu_transferring-ownership_secondary_menu"
class="menu-item"> <a href="/trademark/trademark-assignments-change-
search-ownership" data-drupal-link-system-
path="node/158951">Transferring ownership</a></li></ul></li><li
id="main-menu_3_trademarks_secondary_menu_more-
trademarks_secondary_menu" class="menu-item expanded"> <a
href="/trademark#more-trademarks-1" class="menuparent" aria-
hidden="true"> More Trademarks</a><ul class="menu"><li class="menu-
item"><a href="/" class="menu__link menu-back" style="left:
0px;">Back</a></li><li id="main-
menu_3_trademarks_secondary_menu_0_more-
trademarks_secondary_menu_trademark-updates-and-
announcements_secondary_menu" class="menu-item collapsed"> <a
href="/trademark/trademark-updates-announcements" data-drupal-link-
system-path="node/160351">Trademark Updates and Announcements</a>
</li><li id="main-menu_3_trademarks_secondary_menu_1_more-
trademarks_secondary_menu_laws-regulations_secondary_menu"
class="menu-item collapsed"> <a href="/trademark/laws-regulations"
data-drupal-link-system-path="node/160350">Laws &amp;
Regulations</a></li><li id="main-
menu_3_trademarks_secondary_menu_2_more-
trademarks_secondary_menu_fees-payment-information_secondary_menu"
class="menu-item"> <a href="/trademark/trademark-fee-information"
data-drupal-link-system-path="node/158616">Fees &amp; payment
information</a></li><li id="main-
menu_3_trademarks_secondary_menu_3_more-
trademarks_secondary_menu_guides-manuals-and-
resources_secondary_menu" class="menu-item collapsed"> <a
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href="/trademark/guides-and-manuals/manuals-guides-official-gazette"
data-drupal-link-system-path="node/159406">Guides, Manuals, and
Resources</a></li><li id="main-
menu_3_trademarks_secondary_menu_4_more-
trademarks_secondary_menu_sound-marks_secondary_menu" class="menu-
item"> <a href="/trademark/soundmarks/trademark-sound-mark-examples"
data-drupal-link-system-path="node/158428">Sound Marks</a></li><li
id="main-menu_3_trademarks_secondary_menu_5_more-
trademarks_secondary_menu_transferring-ownership-
assignments_secondary_menu" class="menu-item"> <a href="/trademark
/trademark-assignments-change-search-ownership" data-drupal-link-
system-path="node/158951">Transferring Ownership / Assignments</a>
</li><li id="main-menu_3_trademarks_secondary_menu_6_more-
trademarks_secondary_menu_documents-for-prosecutors_secondary_menu"
class="menu-item"> <a href="/trademark/trademark-documents-
prosecutors-official-government-use-only" data-drupal-link-system-
path="node/158395">Documents for prosecutors</a></li><li id="main-
menu_3_trademarks_secondary_menu_7_more-
trademarks_secondary_menu_trademark-timelines_secondary_menu"
class="menu-item"> <a href="/trademark/trademark-timelines
/trademark-application-and-post-registration-process-timelines"
data-drupal-link-system-path="node/158559">Trademark Timelines</a>
</li><li id="main-menu_3_trademarks_secondary_menu_8_more-
trademarks_secondary_menu_contact-trademarks_secondary_menu"
class="menu-item"> <a href="/trademark/contact-trademarks" data-
drupal-link-system-path="node/158772">Contact Trademarks</a>
</li></ul></li><li id="main-menu_4_trademarks_secondary_menu_tools-
links_secondary_menu" class="menu-item expanded"> <a
href="/trademark#tools-&amp;-links-1" class="menuparent" aria-
hidden="true"> Tools &amp; links</a><ul class="menu"><li
class="menu-item"><a href="/" class="menu__link menu-back"
style="left: 0px;">Back</a></li><li id="main-
menu_4_trademarks_secondary_menu_0_tools-links_secondary_menu_apply-
online-teas_secondary_menu" class="menu-item"> <a href="/trademarks-
application-process/filing-online" title="File a trademark
application and other documents online through TEAS." data-drupal-
link-system-path="node/159528">Apply online (TEAS)</a></li><li
id="main-menu_4_trademarks_secondary_menu_1_tools-
links_secondary_menu_check-application-status-tsdr_secondary_menu"
class="menu-item"> <a href="/trademarks-application-process/check-
status-view-documents" title="Check trademark application status and
view all documents associated with an application/registration."
data-drupal-link-system-path="node/158448">Check application status
(TSDR)</a></li><li id="main-
menu_4_trademarks_secondary_menu_2_tools-
links_secondary_menu_trademark-fees_secondary_menu" class="menu-
item"> <a href="/trademark/trademark-fee-information"
title="Trademark fees and payment" data-drupal-link-system-
path="node/158616">Trademark fees</a></li><li id="main-
menu_4_trademarks_secondary_menu_3_tools-
links_secondary_menu_trademark-trial-and-appeal-
board_secondary_menu" class="menu-item"> <a href="/trademarks-
application-process/trademark-trial-and-appeal-board" data-drupal-
link-system-path="node/161352">Trademark Trial and Appeal Board</a>
</li><li id="main-menu_4_trademarks_secondary_menu_4_tools-
links_secondary_menu_more-tools-links_secondary_menu" class="menu-
item"> <a href="/trademark" data-drupal-link-system-
path="node/191417">More tools &amp; links</a></li></ul></li></ul>
</li><li id="main-menu_ip-policy_secondary_menu" class="menu-item
expanded"> <a href="/ip-policy#ip-policy-0" class="menuparent" aria-
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hidden="true"> IP Policy</a><ul class="menu"><li class="menu-
item"><a href="/" class="menu__link menu-back" style="left:
0px;">Back</a></li><li id="main-menu_0_ip-policy_secondary_menu_ip-
policy_secondary_menu" class="menu-item expanded"> <a href="/ip-
policy#ip-policy-1" class="menuparent" aria-hidden="true"> IP
policy</a><ul class="menu"><li class="menu-item"><a href="/"
class="menu__link menu-back" style="left: 0px;">Back</a></li><li
id="main-menu_0_ip-policy_secondary_menu_0_ip-
policy_secondary_menu_patent-policy_secondary_menu" class="menu-
item"> <a href="/ip-policy/patent-policy" data-drupal-link-system-
path="node/159212">Patent policy</a></li><li id="main-menu_0_ip-
policy_secondary_menu_1_ip-policy_secondary_menu_trademark-
policy_secondary_menu" class="menu-item"> <a href="/ip-policy
/trademark-policy" data-drupal-link-system-
path="node/193314">Trademark policy</a></li><li id="main-menu_0_ip-
policy_secondary_menu_2_ip-policy_secondary_menu_copyright-
policy_secondary_menu" class="menu-item"> <a href="/ip-policy
/copyright-policy" data-drupal-link-system-
path="node/163165">Copyright policy</a></li><li id="main-menu_0_ip-
policy_secondary_menu_3_ip-policy_secondary_menu_enforcement-
policy_secondary_menu" class="menu-item"> <a href="/ip-policy
/enforcement-policy" data-drupal-link-system-
path="node/193575">Enforcement policy</a></li><li id="main-
menu_0_ip-policy_secondary_menu_4_ip-policy_secondary_menu_trade-
secret-policy_secondary_menu" class="menu-item"> <a href="/ip-policy
/trade-secret-policy" data-drupal-link-system-
path="node/158846">Trade secret policy</a></li></ul></li><li
id="main-menu_1_ip-policy_secondary_menu_international-
affairs_secondary_menu" class="menu-item expanded"> <a href="/ip-
policy#international-affairs-1" class="menuparent" aria-
hidden="true"> International affairs</a><ul class="menu"><li
class="menu-item"><a href="/" class="menu__link menu-back"
style="left: 0px;">Back</a></li><li id="main-menu_1_ip-
policy_secondary_menu_0_international-affairs_secondary_menu_ip-
attach-program_secondary_menu" class="menu-item collapsed"> <a
href="/ip-policy/ip-attache-program" data-drupal-link-system-
path="node/175312">IP Attaché Program</a></li><li id="main-
menu_1_ip-policy_secondary_menu_1_international-
affairs_secondary_menu_ip-in-china_secondary_menu" class="menu-item
collapsed"> <a href="/ip-policy/ip-china" data-drupal-link-system-
path="node/176282">IP in China</a></li><li id="main-menu_1_ip-
policy_secondary_menu_2_international-affairs_secondary_menu_ipr-
toolkits_secondary_menu" class="menu-item"> <a href="/ip-policy/ipr-
toolkits" data-drupal-link-system-path="node/158824">IPR
toolkits</a></li><li id="main-menu_1_ip-
policy_secondary_menu_3_international-
affairs_secondary_menu_international-intergovernmental-
organizations_secondary_menu" class="menu-item"> <a href="/ip-policy
/international-intergovernmental-organizations" data-drupal-link-
system-path="node/172891">International intergovernmental
organizations</a></li></ul></li><li id="main-menu_2_ip-
policy_secondary_menu_ip-research-and-training_secondary_menu"
class="menu-item expanded"> <a href="/ip-policy#ip-research-and-
training--1" class="menuparent" aria-hidden="true"> IP research and
training </a><ul class="menu"><li class="menu-item"><a href="/"
class="menu__link menu-back" style="left: 0px;">Back</a></li><li
id="main-menu_2_ip-policy_secondary_menu_0_ip-research-and-
training_secondary_menu_economic-research_secondary_menu"
class="menu-item collapsed"> <a href="/ip-policy/economic-research"
data-drupal-link-system-path="node/168570">Economic research</a>
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</li><li id="main-menu_2_ip-policy_secondary_menu_1_ip-research-and-
training_secondary_menu_global-intellectual-property-
academy_secondary_menu" class="menu-item collapsed"> <a href="/ip-
policy/global-intellectual-property-academy" data-drupal-link-
system-path="node/159204">Global Intellectual Property Academy</a>
</li></ul></li><li id="main-menu_3_ip-policy_secondary_menu_tools-
links_secondary_menu" class="menu-item expanded"> <a href="/ip-
policy#tools-&amp;-links-1" class="menuparent" aria-hidden="true">
Tools &amp; links</a><ul class="menu"><li class="menu-item"><a
href="/" class="menu__link menu-back" style="left: 0px;">Back</a>
</li><li id="main-menu_3_ip-policy_secondary_menu_0_tools-
links_secondary_menu_legislative-resources_secondary_menu"
class="menu-item"> <a href="/ip-policy/legislative-resources"
title="Learn about our current legislative initiatives." data-
drupal-link-system-path="node/191579">Legislative resources</a>
</li><li id="main-menu_3_ip-policy_secondary_menu_1_tools-
links_secondary_menu_ipr-toolkits_secondary_menu" class="menu-item">
<a href="/ip-policy/ipr-toolkits" title="Find out how to protect
intellectual property in other countries." data-drupal-link-system-
path="node/158824">IPR toolkits</a></li><li id="main-menu_3_ip-
policy_secondary_menu_2_tools-links_secondary_menu_ip-policy-
events_secondary_menu" class="menu-item"> <a href="/ip-policy/ip-
policy-events" title="Find upcoming programs related to IP policy
and international affairs" data-drupal-link-system-
path="node/192813">IP policy events</a></li><li id="main-menu_3_ip-
policy_secondary_menu_3_tools-links_secondary_menu_more-tools-
links_secondary_menu" class="menu-item"> <a href="/ip-policy" data-
drupal-link-system-path="node/191438">More tools &amp; links</a>
</li></ul></li></ul></li><li id="main-menu_learning-and-
resources_secondary_menu" class="menu-item expanded"> <a
href="/learning-resources#learning-and-resources-0"
class="menuparent" aria-hidden="true"> Learning and Resources</a><ul
class="menu"><li class="menu-item"><a href="/" class="menu__link
menu-back" style="left: 0px;">Back</a></li><li id="main-
menu_0_learning-and-resources_secondary_menu_resources-by-
audience_secondary_menu" class="menu-item expanded"> <a
href="/learning-resources#resources-by-audience-1"
class="menuparent" aria-hidden="true"> Resources by audience</a><ul
class="menu"><li class="menu-item"><a href="/" class="menu__link
menu-back" style="left: 0px;">Back</a></li><li id="main-
menu_0_learning-and-resources_secondary_menu_0_resources-by-
audience_secondary_menu_attorneys-agents-paralegals_secondary_menu"
class="menu-item"> <a href="/learning-and-resources/attorneys-
agents-and-paralegals" data-drupal-link-system-
path="node/158860">Attorneys, agents &amp; paralegals</a></li><li
id="main-menu_0_learning-and-resources_secondary_menu_1_resources-
by-audience_secondary_menu_inventors-entrepreneurs_secondary_menu"
class="menu-item"> <a href="/learning-and-resources/inventors-
entrepreneurs-resources" data-drupal-link-system-
path="node/159231">Inventors &amp; entrepreneurs</a></li><li
id="main-menu_0_learning-and-resources_secondary_menu_2_resources-
by-audience_secondary_menu_kids-educators_secondary_menu"
class="menu-item"> <a href="https://www.uspto.gov
/kids/index.html">Kids &amp; educators</a></li><li id="main-
menu_0_learning-and-resources_secondary_menu_3_resources-by-
audience_secondary_menu_media_secondary_menu" class="menu-item"> <a
href="/about-us/news-updates" data-drupal-link-system-
path="node/227">Media</a></li><li id="main-menu_0_learning-and-
resources_secondary_menu_4_resources-by-
audience_secondary_menu_researchers-librarians_secondary_menu"
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class="menu-item"> <a href="/learning-and-resources/support-centers
/patent-and-trademark-resource-centers-ptrcs" data-drupal-link-
system-path="node/159226">Researchers &amp; librarians</a></li><li
id="main-menu_0_learning-and-resources_secondary_menu_5_resources-
by-audience_secondary_menu_patent-trademark-
practitioners_secondary_menu" class="menu-item collapsed"> <a
href="/learning-and-resources/patent-and-trademark-practitioners"
data-drupal-link-system-path="node/168530">Patent &amp; trademark
practitioners</a></li></ul></li><li id="main-menu_1_learning-and-
resources_secondary_menu_help-by-topic_secondary_menu" class="menu-
item expanded"> <a href="/learning-resources#help-by-topic-1"
class="menuparent" aria-hidden="true"> Help by topic</a><ul
class="menu"><li class="menu-item"><a href="/" class="menu__link
menu-back" style="left: 0px;">Back</a></li><li id="main-
menu_1_learning-and-resources_secondary_menu_0_help-by-
topic_secondary_menu_fees-and-payment_secondary_menu" class="menu-
item collapsed"> <a href="/learning-and-resources/fees-and-payment"
data-drupal-link-system-path="node/162791">Fees and payment</a>
</li><li id="main-menu_1_learning-and-
resources_secondary_menu_1_help-by-topic_secondary_menu_general-
faqs_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/general-faqs" data-drupal-link-system-
path="node/3267">General FAQs</a></li><li id="main-menu_1_learning-
and-resources_secondary_menu_2_help-by-topic_secondary_menu_patents-
faqs_secondary_menu" class="menu-item collapsed"> <a href="/help
/patent-help" data-drupal-link-system-path="node/116">Patents
FAQs</a></li><li id="main-menu_1_learning-and-
resources_secondary_menu_3_help-by-topic_secondary_menu_trademark-
faqs_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/trademark-faqs" data-drupal-link-system-
path="node/3111">Trademark FAQs</a></li><li id="main-
menu_1_learning-and-resources_secondary_menu_4_help-by-
topic_secondary_menu_transferring-ownership-assignments-
help_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/transferring-ownership-assignments-faqs" data-drupal-link-
system-path="node/160329">Transferring ownership / Assignments
help</a></li></ul></li><li id="main-menu_2_learning-and-
resources_secondary_menu_services-publications_secondary_menu"
class="menu-item expanded"> <a href="/learning-resources#services-&
amp;-publications-1" class="menuparent" aria-hidden="true"> Services
&amp; publications</a><ul class="menu"><li class="menu-item"><a
href="/" class="menu__link menu-back" style="left: 0px;">Back</a>
</li><li id="main-menu_2_learning-and-
resources_secondary_menu_0_services-
publications_secondary_menu_open-data-mobility_secondary_menu"
class="menu-item collapsed"> <a href="/learning-and-resources/open-
data-and-mobility" data-drupal-link-system-path="node/162979">Open
data &amp; mobility</a></li><li id="main-menu_2_learning-and-
resources_secondary_menu_1_services-
publications_secondary_menu_federal-register-notices_secondary_menu"
class="menu-item collapsed"> <a href="/learning-and-resources
/federal-register" data-drupal-link-system-
path="node/159205">Federal Register Notices</a></li><li id="main-
menu_2_learning-and-resources_secondary_menu_2_services-
publications_secondary_menu_official-gazette_secondary_menu"
class="menu-item collapsed"> <a href="/learning-and-resources
/official-gazette" data-drupal-link-system-
path="node/159520">Official Gazette</a></li><li id="main-
menu_2_learning-and-resources_secondary_menu_3_services-
publications_secondary_menu_support-centers_secondary_menu"
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class="menu-item collapsed"> <a href="/learning-and-resources
/support-centers" data-drupal-link-system-path="node/160543">Support
centers</a></li><li id="main-menu_2_learning-and-
resources_secondary_menu_4_services-publications_secondary_menu_xml-
resources_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/xml-resources" data-drupal-link-system-
path="node/158330">XML resources</a></li><li id="main-
menu_2_learning-and-resources_secondary_menu_5_services-
publications_secondary_menu_more-patent-and-trademark-
services_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/more-patent-and-trademark-services" data-drupal-link-
system-path="node/159163">More Patent and Trademark Services</a>
</li><li id="main-menu_2_learning-and-
resources_secondary_menu_6_services-
publications_secondary_menu_classification_secondary_menu"
class="menu-item"> <a href="/patents-application-process/patent-
search/classification-standards-and-development" data-drupal-link-
system-path="node/158812">Classification</a></li></ul></li><li
id="main-menu_3_learning-and-resources_secondary_menu_tools-
links_secondary_menu" class="menu-item expanded"> <a
href="/learning-resources#tools-&amp;-links-1" class="menuparent"
aria-hidden="true"> Tools &amp; links</a><ul class="menu"><li
class="menu-item"><a href="/" class="menu__link menu-back"
style="left: 0px;">Back</a></li><li id="main-menu_3_learning-and-
resources_secondary_menu_0_tools-links_secondary_menu_operational-
status_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/operating-status" data-drupal-link-system-
path="node/159269">Operational status</a></li><li id="main-
menu_3_learning-and-resources_secondary_menu_1_tools-
links_secondary_menu_events_secondary_menu" class="menu-item"> <a
href="/about-us/events" data-drupal-link-system-
path="node/176">Events</a></li><li id="main-menu_3_learning-and-
resources_secondary_menu_2_tools-links_secondary_menu_guidance-
documents_secondary_menu" class="menu-item"> <a href="/guidance"
data-drupal-link-system-path="node/192542">Guidance documents</a>
</li><li id="main-menu_3_learning-and-
resources_secondary_menu_3_tools-links_secondary_menu_glossary-of-
terms_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/glossary" data-drupal-link-system-path="learning-and-
resources/glossary">Glossary of terms</a></li><li id="main-
menu_3_learning-and-resources_secondary_menu_4_tools-
links_secondary_menu_subscriptions_secondary_menu" class="menu-
item"> <a href="https://www.uspto.gov/subscribe">Subscriptions</a>
</li><li id="main-menu_3_learning-and-
resources_secondary_menu_5_tools-links_secondary_menu_how-to-
videos_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/uspto-videos" data-drupal-link-system-
path="node/171287">How-to videos</a></li><li id="main-
menu_3_learning-and-resources_secondary_menu_6_tools-
links_secondary_menu_ip-programs-and-awards_secondary_menu"
class="menu-item"> <a href="/learning-and-resources/ip-programs-and-
awards" data-drupal-link-system-path="node/160581">IP programs and
awards</a></li><li id="main-menu_3_learning-and-
resources_secondary_menu_7_tools-
links_secondary_menu_statistics_secondary_menu" class="menu-item">
<a href="/learning-and-resources/statistics" data-drupal-link-
system-path="node/158699">Statistics</a></li><li id="main-
menu_3_learning-and-resources_secondary_menu_8_tools-
links_secondary_menu_more-tools-links_secondary_menu" class="menu-
item"> <a href="/learning-resources" data-drupal-link-system-
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path="node/191546">More tools &amp; links</a></li></ul></li><li
id="main-menu_4_learning-and-resources_secondary_menu_more-learning-
and-resources_secondary_menu" class="menu-item expanded"> <a
href="/learning-resources#more-learning-and-resources-1"
class="menuparent" aria-hidden="true"> More Learning and
Resources</a><ul class="menu"><li class="menu-item"><a href="/"
class="menu__link menu-back" style="left: 0px;">Back</a></li><li
id="main-menu_4_learning-and-resources_secondary_menu_0_more-
learning-and-resources_secondary_menu_examiner-training-
materials_secondary_menu" class="menu-item"> <a href="/learning-and-
resources/examiner-training-materials" data-drupal-link-system-
path="node/160778">Examiner Training Materials</a></li><li id="main-
menu_4_learning-and-resources_secondary_menu_1_more-learning-and-
resources_secondary_menu_educational-resources_secondary_menu"
class="menu-item collapsed"> <a href="/learning-and-resources
/outreach-and-education" data-drupal-link-system-
path="node/194624">Educational Resources</a></li><li id="main-
menu_4_learning-and-resources_secondary_menu_2_more-learning-and-
resources_secondary_menu_ip-programs-and-awards_secondary_menu"
class="menu-item collapsed"> <a href="/learning-and-resources/ip-
programs-and-awards" data-drupal-link-system-path="node/160581">IP
Programs and Awards</a></li><li id="main-menu_4_learning-and-
resources_secondary_menu_3_more-learning-and-
resources_secondary_menu_training-for-public-users_secondary_menu"
class="menu-item collapsed"> <a href="/learning-and-resources
/training-public-users" data-drupal-link-system-
path="node/160692">Training for Public Users</a></li><li id="main-
menu_4_learning-and-resources_secondary_menu_4_more-learning-and-
resources_secondary_menu_order-print-publications_secondary_menu"
class="menu-item"> <a href="/learning-and-resources/uspto-contact-
center-order-form" data-drupal-link-system-path="node/159178">Order
Print Publications</a></li><li id="main-menu_4_learning-and-
resources_secondary_menu_5_more-learning-and-
resources_secondary_menu_other-web-resources_secondary_menu"
class="menu-item"> <a href="/learning-and-resources/other-web-
resources" data-drupal-link-system-path="node/159221">Other Web
Resources</a></li><li id="main-menu_4_learning-and-
resources_secondary_menu_6_more-learning-and-
resources_secondary_menu_statistics_secondary_menu" class="menu-
item"> <a href="/learning-and-resources/statistics" data-drupal-
link-system-path="node/158699">Statistics</a></li></ul></li></ul>
</li><li id="main-menu_about-us_secondary_menu" class="menu-item
expanded"> <a href="/about-us#about-us-0" class="menuparent" aria-
hidden="true"> About Us</a><ul class="menu"><li class="menu-item"><a
href="/" class="menu__link menu-back" style="left: 0px;">Back</a>
</li><li id="main-menu_0_about-us_secondary_menu_performance-and-
planning_secondary_menu" class="menu-item collapsed"> <a
href="/about-us/performance-and-planning" data-drupal-link-system-
path="node/160327">Performance and Planning</a></li><li id="main-
menu_1_about-us_secondary_menu_uspto-locations_secondary_menu"
class="menu-item collapsed"> <a href="/about-us/uspto-office-
locations" data-drupal-link-system-path="node/159530">USPTO
Locations</a></li><li id="main-menu_2_about-
us_secondary_menu_vendor-information_secondary_menu" class="menu-
item"> <a href="/about-us/vendor-information" data-drupal-link-
system-path="node/159065">Vendor Information</a></li></ul></li><li
id="main-menu_jobs_secondary_menu" class="menu-item"> <a href="/jobs
/join-us" data-drupal-link-system-path="node/163617">Jobs</a>
</li><li id="main-menu_contact-us_secondary_menu" class="menu-item">
<a href="/about-us/contact-us" data-drupal-link-system-
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                    path="node/160316">Contact Us</a></li><li id="main-
               menu_myuspto_secondary_menu" class="menu-item"> <a
               href="https://my.uspto.gov/">MyUSPTO </a></li></ul></nav></div><div
               class="region region-quick-links-menu"><div class="btn-group quick-
               links dropdown"><a class="btn btn-quick-links btn-primary dropdown-
               toggle" data-toggle="dropdown"><span class="fa fa-link"></span>
                Find It Fast  <span class="caret"></span></a><div class="dropdown-
               menu quick-links-menu" role="menu"><div class="field field--name-
               field-ql-column field--type-entity-reference-revisions field--label-
               hidden field_columns"><div class="col-sm-6"><div class="field-
               column-title"><div class="field field--name-field-title field--type-
               string field--label-hidden field__item">Patents</div></div><div
               class="field-links"><div class="field field--name-field-ql-item
               field--type-entity-reference-revisions field--label-hidden
               field__items"><div class="field__item"><div class="ql-icon"><div
               class="field field--name-field-icon field--type-fontawesome-icon
               field--label-hidden field__item"><div class="fontawesome-icons"><div
               class="fontawesome-icon"> <i class="fas fa-search " data-fa-
               transform="" data-fa-mask="" style="--fa-primary-color: #000000;
               --fa-secondary-color: #000000;"></i></div></div></div></div><div
               class="ql-link" role="menuitem"><div class="field field--name-field-
               link field--type-link field--label-hidden field__items"><div
               class="field__item"><a href="http://patft.uspto.gov/netahtml
               /PTO/search-bool.html">PatFT</a></div><div class="field__item"><a
               href="http://appft.uspto.gov/netahtml/PTO/search-
               bool.html">AppFT</a></div></div><div class="field field--name-field-
               title field--type-string field--label-hidden field__item">Patent
               search</div></div></div><div class="field__item"><div class="ql-
               icon"><div class="field field--name-field-icon field--type-
               fontawesome-icon field--label-hidden field__item"><div
               class="fontawesome-icons"><div class="fontawesome-icon"> <i
               class="fas fa-keyboard " data-fa-transform="" data-fa-mask=""
               style="--fa-primary-color: #000000; --fa-secondary-color: #000000;">
               </i></div></div></div></div><div class="ql-link"
               role="menuitem"><div class="field field--name-field-link field--
               type-link field--label-hidden field__items"><div
               class="field__item"><a href="https://patentcenter.uspto.gov
               /#!/">Patent Center</a></div><div class="field__item"><a
               href="https://efs-my.uspto.gov/EFSWebUIRegistered
               /EFSWebRegistered">EFS-Web</a></div><div class="field__item"><a
               href="/patent/patents-forms">Forms</a></div></div><div class="field
               field--name-field-title field--type-string field--label-hidden
               field__item">Patent filing</div></div></div><div
               class="field__item"><div class="ql-icon"><div class="field field--
               name-field-icon field--type-fontawesome-icon field--label-hidden
               field__item"><div class="fontawesome-icons"><div class="fontawesome-
               icon"> <i class="fas fa-calendar-check " data-fa-transform="" data-
               fa-mask="" style="--fa-primary-color: #000000; --fa-secondary-color:
               #000000;"></i></div></div></div></div><div class="ql-link"
               role="menuitem"><div class="field field--name-field-link field--
               type-link field--label-hidden field__items"><div
               class="field__item"><a href="/patents-application-process/patent-
               center">Patent Center</a></div><div class="field__item"><a
               href="https://ppair-my.uspto.gov/pair/PrivatePair">Private PAIR</a>
               </div><div class="field__item"><a href="http://portal.uspto.gov
               /pair/PublicPair">Public PAIR</a></div><div class="field__item"><a
               href="https://globaldossier.uspto.gov">Global Dossier</a></div>
               </div><div class="field field--name-field-title field--type-string
               field--label-hidden field__item">Filing status</div></div></div><div
               class="field__item"><div class="ql-icon"><div class="field field--
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              name-field-icon field--type-fontawesome-icon field--label-hidden
              field__item"><div class="fontawesome-icons"><div class="fontawesome-
              icon"> <i class="fas fa-money-bill-alt " data-fa-transform="" data-
              fa-mask="" style="--fa-primary-color: #000000; --fa-secondary-color:
              #000000;"></i></div></div></div></div><div class="ql-link"
              role="menuitem"><div class="field field--name-field-link field--
              type-link field--label-hidden field__items"><div
              class="field__item"><a href="https://fees.uspto.gov
              /MaintenanceFees">Pay maintenance fees</a></div></div><div
              class="field field--name-field-title field--type-string field--
              label-hidden field__item">Pay or look up maintenance fees</div>
              </div></div><div class="field__item"><div class="ql-icon"><div
              class="field field--name-field-icon field--type-fontawesome-icon
              field--label-hidden field__item"><div class="fontawesome-icons"><div
              class="fontawesome-icon"> <i class="fas fa-gavel " data-fa-
              transform="" data-fa-mask="" style="--fa-primary-color: #000000;
              --fa-secondary-color: #000000;"></i></div></div></div></div><div
              class="ql-link" role="menuitem"><div class="field field--name-field-
              link field--type-link field--label-hidden field__items"><div
              class="field__item"><a href="/patents-application-process/patent-
              trial-and-appeal-board">PTAB</a></div></div><div class="field
              field--name-field-title field--type-string field--label-hidden
              field__item">Patent Trial and Appeal Board</div></div></div><div
              class="field__item"><div class="ql-icon"><div class="field field--
              name-field-icon field--type-fontawesome-icon field--label-hidden
              field__item"><div class="fontawesome-icons"><div class="fontawesome-
              icon"> <i class="fas fa-user-plus " data-fa-transform="" data-fa-
              mask="" style="--fa-primary-color: #000000; --fa-secondary-color:
              #000000;"></i></div></div></div></div><div class="ql-link"
              role="menuitem"><div class="field field--name-field-link field--
              type-link field--label-hidden field__items"><div
              class="field__item"><a href="https://assignment.uspto.gov/patent
              /">Search assignment</a></div><div class="field__item"><a
              href="https://epas.uspto.gov">Record assignment</a></div></div><div
              class="field field--name-field-title field--type-string field--
              label-hidden field__item">Search recorded assignment and record
              ownership changes</div></div></div><div class="field__item"><div
              class="ql-icon"><div class="field field--name-field-icon field--
              type-fontawesome-icon field--label-hidden field__item"><div
              class="fontawesome-icons"><div class="fontawesome-icon"> <i
              class="fas fa-book-open " data-fa-transform="" data-fa-mask=""
              style="--fa-primary-color: #000000; --fa-secondary-color: #000000;">
              </i></div></div></div></div><div class="ql-link"
              role="menuitem"><div class="field field--name-field-link field--
              type-link field--label-hidden field__items"><div
              class="field__item"><a href="https://www.uspto.gov/web/offices
              /pac/mpep/index.html">MPEP</a></div><div class="field__item"><a
              href="https://www.uspto.gov/web/patents/classification
              /">Classification</a></div></div><div class="field field--name-
              field-title field--type-string field--label-hidden
              field__item">Guides and manuals</div></div></div></div></div>
              </div><div class="col-sm-6"><div class="field-column-title"><div
              class="field field--name-field-title field--type-string field--
              label-hidden field__item">Trademarks</div></div><div class="field-
              links"><div class="field field--name-field-ql-item field--type-
              entity-reference-revisions field--label-hidden field__items"><div
              class="field__item"><div class="ql-icon"><div class="field field--
              name-field-icon field--type-fontawesome-icon field--label-hidden
              field__item"><div class="fontawesome-icons"><div class="fontawesome-
              icon"> <i class="fas fa-search " data-fa-transform="" data-fa-
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/bin/gate.exe?f=login&amp;p_lang=english&amp;p_d=trmk">TESS</a>
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database</div></div></div><div class="field__item"><div class="ql-
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application-process/filing-online/index-all-teas-forms">Forms</a>
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/ttabvue/">TTABVUE</a></div></div><div class="field field--name-
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href="https://etas.uspto.gov">Record assignment</a></div></div><div
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label-hidden field__item">Search recorded assignment and record
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list-public.html">ID Manual</a></div><div class="field__item"><a
href="https://eog-tmng.uspto.gov/">TMOG</a></div><div
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</li><li> <a href="/learning-resources">Learning and Resources</a>
</li><li> <a href="/learning-and-resources/support-centers">Support
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/patents/process/search/public_pair/announce
/announce1009.jsp">Notice of Inadvertent Access to Limited
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Information from Unpublished Patent Applications in Private PAIR</a>
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open on New Year's Eve, December 31st, 2020, from 6:00 am
to 6:00 pm.</p><p>The Patent Electronic Business Center will be
closed on New Year's  Day, January 1st, 2021, and will re-open
on Monday, January 4th, 2021, at 6:00 am.</p></div></div></article>
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class="field__item">571-272-4100</div></div><div class="field
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clearfix"><div class="field__label">Email</div><div
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</div></div></div></article></div><div class="clearfix text-
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field--label-hidden field__item"><p><span>The Patent Electronic
Business Center (EBC) assists customers with the various Patent
Electronic Systems which include filing their electronic patent
application submissions via the </span><strong><a data-entity-
substitution="canonical" data-entity-type="node" data-entity-
uuid="a2c5070b-5da7-4d98-bbf1-bed1acc05eab" href="/patents-
application-process/applying-online/about-efs-web" title="About EFS-
Web">Electronic Filing System (EFS-Web)</a> </strong><span>and
with the review of patent applications in </span><strong><a
href="http://www.uspto.gov/patents/process/status/index.jsp">Public
and Private PAIR</a></strong>, as well as supporting customers while
<a href="http://www.uspto.gov/patents-application-process/search-
patents"><strong>Searching the Patent and Application Full-Text
Image Databases</strong></a><span>. </span>The Electronic
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Business Center proudly serves the IP community with extended
daytime and after-hours technical assistance on a wide range of
support topics related to these systems.</p><div dir="ltr">&
nbsp;</div><div class="box gray unpublished-event"><center>
<strong>Check the <a href="http://www.uspto.gov/helpdesk/status
/status.htm" target="_blank">System Alerts</a> pages 
</strong><span>for announcements of all planned and unplanned
outages of all USPTO Online Business systems.  See also</span>
<strong> </strong><a href="http://www.uspto.gov/patents/process
/file/efs/announce/index.jsp">EFS-Web Announcements</a>
<span>  and </span><a href="http://www.uspto.gov
/patents/process/search/public_pair/announce/index.jsp">PAIR
Announcements</a><span>.</span></center></div><table border="1"
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</span></strong></td><td><p><span>1-866-217-9197 (toll-free)</span>
<br><span>571-272-4100 (local)</span></p><p>6:00 a.m. to 12:00
midnight, Eastern Time, Monday through Friday</p></td></tr><tr><td>
<strong><span>E-mail:</span><span> </span></strong></td><td><a
href="mailto:ebc@uspto.gov"><span>ebc@uspto.gov</span></a><span>&
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<span>571-273-0177</span></td></tr><tr><td><strong><span>Postal
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<br><span>Commissioner for Patents</span><br><span>PO Box
1450</span><br><span>Alexandria, VA 22313-1450</span></td></tr>
</tbody></table><h2>New to Patents?</h2><p>Please first review
the <a href="http://www.uspto.gov/patents/process/file/efs
/guidance/register.jsp" target="_self"><strong>New Users</strong>
</a><strong> </strong>section and <a href="/patents-
application-process/applying-online/faqs/frequently-asked-questions-
e-commerce-systems-ebc" target="_self"><strong>Frequently Asked
Questions</strong></a><strong> </strong>for introductory
information about the various USPTO Patent Electronic Systems and
tools.</p><h2>How We Can Help</h2><p><span>The EBC offers in-depth
technical support to external users of the USPTO's Patent Electronic
Systems comprised of EFS-WEB, Public and Private PAIR, and Patent
Center.  We offer one-on-one support, </span><span>online
electronic filing information, instructional material, </span>
<span>support and is available to assist users through one-on-one
support during its normal business hours. The EBC also serves as a
liaison in directing customers to other USPTO organizations that can
address their specialized business issues and needs.</span></p><p>
<span>If you are having a problem with a system on the website, you
are experiencing a problem after regular USPTO business hours, or
you are not even exactly sure what is wrong, our staff of highly
trained customer support specialists can help you identify the root
problem, assist you, direct you to the appropriate call center, or
escalate your issue to a specialized group as needed.  
<strong>We are here to help!</strong></span></p><h3>Major Support
Areas</h3><ul><li>Submitting your Patent Application via EFS-
Web</li><li>Viewing Application information in Public and Private
PAIR</li><li>Searching for Patents in AppFT and PatFT</li><li>Patent
Electronic System Verification Form and Customer Number Issues and
Assistance</li><li>USPTO.gov account authentication for Private PAIR
and EFS-WEB including Web Browser Problems</li><li>Technical
Problems or Errors with your Patent Application</li><li>PDX/DAS
Registration Inquires and Issues</li><li>Technical Problems with
Biotech Tools such as <a href="/patents-getting-started/patent-
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basics/types-patent-applications/utility-patent/checker
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<h2>Becoming a Registered USPTO.gov Account
User</h2><p><a href="http://www.uspto.gov/patents/process/file/efs
/guidance/register.jsp">A Customer
Number and a <a
href="http://www.uspto.gov/patents/process/file/efs/guidance
/register.jsp">registered USPTO.gov account are
required to take full advantage of the Patent Electronic Systems.
The EBC also assists customers in managing customer number
associations with addresses and filed applications.</p><p>Related
Forms</p>
<a href="/sites/default/files/documents
/Patent%20Electronic%20System%20Form.pdf" target="_blank">Patent
Electronic Verification Form
[PDF, 63kB]   <a href="/sites/default/files
/documents
/Instructions%20-%20Patent%20Electronic%20System%20Verification%20Fo
rm.pdf" target="_blank">Instructions [73kB PDF
Document]
This form is used to register your
USPTO.gov account which will provide you the means to gain secure
access to your application information as well as public domain
info.
<a href="http://www.uspto.gov/web/forms
/sb0125_fill.pdf" target="_blank">Customer Number Request
form [fillable PDF, 208kB]

This form is used to request a customer number.

New - Customer Number requests can now be
submitted online via Private PAIR where you will immediately receive
your new number - <a href="http://www.uspto.gov/sites/default/files
/documents/QSG-NewCN-Final.pdf">More info
<a
href="http://www.uspto.gov/web/forms/sb0124.pdf"
target="_blank">Request for Customer Number Data Change
 [filllable PDF, 180kB]

This form is used to request changes in current
customer number information.
<a href="http://www.uspto.gov
/patents/ebc/cust_req_instructions.xls" target="_blank">Customer
Number Upload Spreadsheet [MS Excel,
241kB]
This is a spreadsheet template used to
associate your customer number with your applications.

One can additionally file a change of correspondence
address form PTO/AIA/122 or PTO/SB122 to an individual application
to change the correspondence address to a customer number.

New –
Correspondence and Maintenance Fee address changes can now be
submitted online via Private PAIR - <a
href="http://www.uspto.gov/sites/default/files/documents/QSG-
UpdateAddress-Final.pdf">More info
*Address
changes made via Private PAIR are only available to registered
practitioners who have been given power of attorney in the
application. ​<a
href="https://www.uspto.gov/sites/default/files/documents
/cust_num_pct.doc">Request to Update a PCT Application with a
Customer Number form [MS Word, 34.5kB]

This allows you to associate a PCT application in the
International phase with a Customer Number for purposes of viewing
the PCT application in Private PAIR.
<h3>Additional
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/default/files/documents/access-document.pdf">Patent Electronic System Access Document

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first-menu"><h2 id="block-uspto-theme-menu-menu-footer-first-menu-
menu">Browse By Topic</h2><ul region="footer_first" class="menu"><li
id="footer-menu_patents_footer_first" class="menu-item"> <a
href="/patent" data-drupal-link-system-
path="node/191435">Patents</a></li><li id="footer-
menu_trademarks_footer_first" class="menu-item"> <a
href="/trademark" data-drupal-link-system-
path="node/191417">Trademarks</a></li><li id="footer-menu_learning-
resources_footer_first" class="menu-item"> <a href="/learning-
resources" data-drupal-link-system-path="node/191546">Learning &amp;
Resources</a></li><li id="footer-menu_about-the-uspto_footer_first"
class="menu-item"> <a href="/about-us" data-drupal-link-system-
path="node/160315">About the USPTO</a></li><li id="footer-
menu_jobs_footer_first" class="menu-item"> <a
href="https://www.uspto.gov/jobs">Jobs</a></li><li id="footer-
menu_contact-us_footer_first" class="menu-item"> <a href="/about-
us/contact-us" data-drupal-link-system-path="node/160316">Contact
Us</a></li></ul></nav></div></div><div class="col-sm-3"><div
class="region region-footer-second"> <nav role="navigation" aria-
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labelledby="block-uspto-theme-menu-menu-footer-second-menu-menu"
id="block-uspto-theme-menu-menu-footer-second-menu" class="block
block-menu navigation menu--menu-footer-second-menu"><h2 id="block-
uspto-theme-menu-menu-footer-second-menu-menu">About this
Site</h2><ul region="footer_second" class="menu"><li id="footer-
menu_accessibility_footer_second" class="menu-item"> <a
href="/using-usptogov/accessibility-uspto-website" data-drupal-link-
system-path="node/158662">Accessibility</a></li><li id="footer-
menu_privacy-policy_footer_second" class="menu-item"> <a
href="/privacy-policy" data-drupal-link-system-
path="node/158767">Privacy Policy</a></li><li id="footer-menu_terms-
of-use_footer_second" class="menu-item"> <a href="/terms-use-uspto-
websites" data-drupal-link-system-path="node/158959">Terms of
Use</a></li><li id="footer-menu_security_footer_second" class="menu-
item"> <a href="/about-us/security" data-drupal-link-system-
path="node/158417">Security</a></li><li id="footer-menu_systems-
status_footer_second" class="menu-item"> <a
href="https://www.uspto.gov/blog/ebiz/">Systems Status</a></li></ul>
</nav></div></div><div class="col-sm-3"><div class="region region-
footer-third"> <nav role="navigation" aria-labelledby="block-uspto-
theme-menu-menu-footer-third-menu-menu" id="block-uspto-theme-menu-
menu-footer-third-menu" class="block block-menu navigation menu--
menu-footer-third-menu"><h2 id="block-uspto-theme-menu-menu-footer-
third-menu-menu">USPTO Background</h2><ul region="footer_third"
class="menu"><li id="footer-menu_performance-and-
planning_footer_third" class="menu-item"> <a href="/about-
us/performance-and-planning" data-drupal-link-system-
path="node/160327">Performance and Planning</a></li><li id="footer-
menu_freedom-of-information-act_footer_third" class="menu-item"> <a
href="/learning-and-resources/ip-policy/electronic-freedom-
information-act-e-foia" data-drupal-link-system-
path="node/159383">Freedom of Information Act</a></li><li
id="footer-menu_information-quality-guidelines_footer_third"
class="menu-item"> <a href="/learning-and-resources/information-
quality-guidelines" data-drupal-link-system-
path="node/159086">Information Quality Guidelines</a></li></ul>
</nav></div></div><div class="col-sm-3"><div class="region region-
footer-fourth"> <nav role="navigation" aria-labelledby="block-uspto-
theme-menu-menu-footer-fourth-menu-menu" id="block-uspto-theme-menu-
menu-footer-fourth-menu" class="block block-menu navigation menu--
menu-footer-fourth-menu"><h2 id="block-uspto-theme-menu-menu-footer-
fourth-menu-menu">Federal Government</h2><ul region="footer_fourth"
class="menu"><li id="footer-menu_regulations-gov_footer_fourth"
class="menu-item"> <a
href="https://www.regulations.gov">Regulations.gov</a></li><li
id="footer-menu_stopfakes-gov_footer_fourth" class="menu-item"> <a
href="https://www.stopfakes.gov">StopFakes.gov</a></li><li
id="footer-menu_usa-gov_footer_fourth" class="menu-item"> <a
href="https://www.usa.gov">USA.gov</a></li><li id="footer-
menu_department-of-commerce_footer_fourth" class="menu-item"> <a
href="https://www.commerce.gov">Department of Commerce</a></li><li
id="footer-menu_strategy-targeting-organized-piracy_footer_fourth"
class="menu-item"> <a href="/ip-policy/enforcement-policy
/enforcement-resources" data-drupal-link-system-
path="node/186138">Strategy Targeting Organized Piracy</a></li></ul>
</nav></div></div></div></div></div></span><span><div class="row
region-footer-bottom sg-esi--footer-bottom"><div
class="container"><div class="col-md-12"><div class="footer-bottom-
links"><a href="/subscribe" class="subscribe-link">Subscribe<span>
to updates</span><span class="fas fa-envelope fa-2x" data-fa-
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transform="rotate--20"></span></a></div><div class="region region-
footer-social"> <nav role="navigation" aria-labelledby="block-
footersocialmenu-menu" id="block-footersocialmenu" class="block
block-menu navigation menu--menu-footer-social-menu"><h2 id="block-
footersocialmenu-menu">Follow Us</h2><ul region="footer_social"
class="menu"><li id="footer-menu_facebook_footer_social"
class="menu-item"> <a href="https://www.facebook.com
/uspto.gov"><span class="fab fa-facebook-square fa-2x"></span><span
class="sr-only">Facebook</span></a></li><li id="footer-
menu_instagram_footer_social" class="menu-item"> <a
href="https://www.instagram.com/uspto/"><span class="fab fa-
instagram fa-2x"></span><span class="sr-only">Instagram</span>
</a></li><li id="footer-menu_linkedin_footer_social" class="menu-
item"> <a href="https://www.linkedin.com/company/uspto"><span
class="fab fa-linkedin fa-2x"></span><span class="sr-
only">LinkedIn</span></a></li><li id="footer-
menu_twitter_footer_social" class="menu-item"> <a
href="https://twitter.com/uspto"><span class="fab fa-twitter fa-2x">
</span><span class="sr-only">Twitter</span></a></li><li id="footer-
menu_youtube_footer_social" class="menu-item"> <a
href="https://www.youtube.com/user/USPTOvideo"><span class="fab fa-
youtube fa-2x"></span><span class="sr-only">YouTube</span></a></li>
</ul></nav></div></div></div></div></span><div class="row ownership-
region"><div class="container"><div class="col-md-12"><span
class="page-owner">This page is owned by <a href="#" data-
section="eGovernment" data-location="https://www.uspto.gov/learning-
and-resources/support-centers/patent-electronic-business-center"
data-toggle="modal" data-target="#modalFeedback" title="Provide
feedback on this webpage.">eGovernment</a>.</span> <span
class="published-on"> Published on: Feb 19, 2019 10:12 AM EST</span>
<span class="updated-on">Last Modified: Dec 28, 2020 09:13 AM
EST</span></div></div></div><a href="#" class="scrollToTop">Back to
top</a></footer><div id="alerts"></div><div id="modalFeedback"
class="modal fade" role="dialog" tabindex="-1"><div class="modal-
dialog modal-md" role="document"><div class="modal-content"><div
class="modal-header"><button type="button pull-right" class="close"
data-dismiss="modal"><span aria-hidden="true">&times;</span><span
class="sr-only">Close</span></button><div class="modal-title">Have a
comment about the web page you were viewing?</div></div><form
id="modalFeedbackForm" name="feedback" method="post"
enctype="multipart/form-data" class="feedback-processed"><div
class="feedback-wrapper modal-body"><input type="hidden"
name="reference_id" id="reference_id"><input type="hidden"
name="form_number" id="form_number" value="7"><p><label
for="feedback">Write your message<span style="color: red">*</span>
</label><br><textarea name="feedback" minlength="5" cols="60"
rows="10" id="feedback" required></textarea></p><div id="error-
message" class="error"></div><p>We may have questions about your
feedback, please provide your email address.</p><p><label>Email
address<span style="color: red">*</span><input id="feedback-email"
maxlength="254" size="35" type="email" name="Email" required>
</label><br></p><div id="error-message-mail" class="error"></div>
<p><em>For other assistance, please see our <a href="/about-
us/contact-us" target="new">contact us</a> page.</em></p><input
type="hidden" name="section" id="section" value="eGovernment"><input
type="hidden" name="location" id="location"
value="https://www.uspto.gov/learning-and-resources/support-centers
/patent-electronic-business-center"></div><div class="modal-
footer"><span class="form-control-static pull-left"><button
class="btn btn-primary" type="submit">Send Feedback</button><button
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           class="btn btn-default" data-dismiss="modal" aria-
hidden="true">Cancel</button></span></div></form></div></div></div>
</div> <script src="/sites/default/files
/js/js_fKTTHC2fcuzL8fTRJKKIs4IwalyevwXZ0e-fclECcNo.js"></script>
<script src="/profiles/uspto_gov/themes/uspto/js/uspto-
scripts.js?qmaklz"></script><script src="/profiles/uspto_gov/themes
/uspto/js/uspto-glossary.js?qmaklz"></script><script src="/profiles
/uspto_gov/themes/uspto/js/uspto-steps-menu.js?qmaklz"></script>
<script src="/profiles/uspto_gov/themes/uspto/js/uspto-section-
landing.js?qmaklz"></script><script src="/profiles/uspto_gov/themes
/uspto/js/jquery.pajinate.js?qmaklz"></script><script src="/sites
/default/files
/js/js_Fvz0l_VivRcvycHBTKFlXZhzWA_8FoU9VWyBZF_O_GY.js"></script>
<script src="/profiles/uspto_gov/modules/uspto_icon_plugin
/js/iconathon.js?qmaklz" defer></script><script src="/sites/default
/files/js/js_4DlhSSChGQfhTOjHn7sFOiNl5kPLNXNTLldDEAA9A1w.js">
</script></body></html>
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