```
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  http://purl.org/rss/1.0/modules/content/ dc: http://purl.org
  /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
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  8"><meta name="twitter:card" content="summary_large_image"><link</pre>
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  /support-centers/patent-electronic-business-center"><link
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  /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,
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  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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\/global-styling,uspto_add_to_calendar
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tNoreferrer":false,"extFollowNoOverride":false,"extClass":"ext","ext
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email)","extUseFontAwesome":false,"extIconPlacement":"append","extFa
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bin\/helpful-api\/index.php","user":
{"uid":0,"permissionsHash":"e1b118afeb5d9da4fb81fdc7f73a5b9848e85cb7
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src="/sites/default/files
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src="/libraries/fontawesome/js/all.min.js?v=5.13.1" defer></script>
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defer></script><script src="/profiles/uspto gov/themes/uspto</pre>
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/js/uspto-alerts.js?gmaklz"></script><script src="/sites/default /files/js/js 10aJm-xHuP-D7g2m2eht3aoa290SdyurkjBGzP 7xhs.js"> </script><script src="/libraries/fontawesome" /js/fontawesome.min.js?v=5.13.1" defer></script></head><body</pre> class="one-sidebar sidebar-first path-node page-node-type-officelocation node-type-office-location"> <a href="#main-content"</pre> class="visually-hidden focusable skip-link"> Skip to main content <div class="dialog-off-canvas-main-canvas" data-off-canvas-maincanvas> <header id="header" role="banner"><a</pre> href="#main" class="element-invisible element-focusable">Jump to main content<div class="row region region-header-top"><div class="container"><div id="site-logo" class="site-logo-region"><a</pre> class="logo" href="/" target="_self" title="United States Patent and Trademark Office - An Agency of the Department of Commerce">USPTO - United States Patent and Trademark Office</div><div id="print-logo"></div><div class="region-utility-menu"><mav class="mobilemenu-options">
br>Search class="menu-item"><a href="#launch-links" target="_self"</pre> id="launch-links" class="">

 class="menu-item"><a href="#launch-menu" target="_self" id="launch-</pre> menu" class="">
br>Menu </nav><div class="usasearch-search-block-form block blocksearch block-search-form container-inline" data-drupalselector="usasearch-search-block-form" novalidate="novalidate" id="block-usasearchform"><form block-uspto-search"</pre> action="https://search.uspto.gov/search" method="get" id="searchblock-form"><div class="col-sm-12 pad-right-0"><div class="inputgroup"><label for="headerSearchInput" class="hidden">Search:</label> <input id="headerSearchInput" title="Search uspto.gov" name="query"</pre> placeholder="Search uspto.gov" class="form-control form-search" type="search" size="15" maxlength="128" value><input type="hidden"</pre> name="op" value="Search"><input type="hidden" name="affiliate"</pre> value="web-sdmg-uspto.gov"><button</pre> id="headerSearchButton" class="btn btn-search btn-info btn-block" type="submit">Search</button></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-accountmenu-menu">User account menu</h2><ul region="header top" class="menu"> <a href="/about-us" data-drupal-</pre> link-system-path="about-us">About Us Jobs<li class="menuitem"> <a href="/about-us/contact-us" data-drupal-link-system-</pre> path="about-us/contact-us">Contact Us MyUSPTO</nav></div> </div></div><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</pre> 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-</pre> menu">Main navigation</h2><div class="navbar-header">USPTO><button type="button"</pre>

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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>
</buttom></div><div class="collapse navbar-collapse" id="uspto-
navbar-collapse">
main-menu"><li id="main-menu_patents_primary_menu" class="dropdown
yamm-fw" role="menuitem"><a href="/patent" class="dropdown-toggle"</pre>
data-toggle="dropdown" role="button">Patents</a>><div</pre>
class="dropdown-menu" role="menu"><div class="dropdown-col">li
id="main-menu_0_patents_primary_menu_getting-started_primary_menu"
class="menu-header" role="menuitem"><span class="header-</pre>
text">Getting started</span>id="main-
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basics_primary_menu" role="menuitem"><a href="/patents-getting-
started/general-information-concerning-patents" data-drupal-link-
system-path="node/158364">Patent basics</a>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>>id="main-
menu_0_patents_primary_menu_2_getting-started_primary_menu_legal-
assistance-and-resources_primary_menu" role="menuitem"><a</pre>
href="/patents-getting-started/legal-assistance-and-resources" data-
drupal-link-system-path="node/160334">Legal assistance and
resources</a><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 id="main-
menu_0_patents_primary_menu_4_getting-
started_primary_menu_international-cooperation_primary_menu"
role="menuitem"><a href="/patents-getting-started/international-</pre>
patent-cooperation" data-drupal-link-system-
path="node/159361">International cooperation</a>id="main-
menu_0_patents_primary_menu_5_getting-started_primary_menu_patent-
faqs_primary_menu" role="menuitem"><a href="/help/patent-</pre>
help#patents" data-drupal-link-system-path="node/116">Patent
FAQs</a></div><div class="dropdown-col"><li id="main-
menu_1_patents_primary_menu_application-process_primary_menu"
class="menu-header" role="menuitem"><span class="header-</pre>
text">Application process</span>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-</pre>
patents" data-drupal-link-system-path="node/158806">Search for
patents</a><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>
id="main-menu_1_patents_primary_menu_2_application-
process_primary_menu_filing-online_primary_menu" role="menuitem"><a</pre>
href="/patents-application-process/file-online" data-drupal-link-
system-path="node/158495">Filing online</a>>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-</pre>
application-status/check-filing-status-your-patent-application"
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data-drupal-link-system-path="node/162473">Checking application
status</a>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-</pre>
office-actions" data-drupal-link-system-
path="node/160642">Responding to Office actions</a>li
id="main-menu_1_patents_primary_menu_5_application-
process_primary_menu_petitions_primary_menu" role="menuitem"><a</pre>
href="/patents-application-process/petitions" data-drupal-link-
system-path="node/158997">Petitions</a>>
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-</pre>
and-appeal-board" data-drupal-link-system-path="node/194345">Patent
Trial and Appeal Board</a></div><div class="dropdown-
col">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>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-</pre>
patent" data-drupal-link-system-path="node/158605">Maintenance
fees</a>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-</pre>
management-services" data-drupal-link-system-
path="node/158545">Correcting your patent</a>>id="main-
menu_2_patents_primary_menu_2_maintaining-
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role="menuitem"><a href="/patents-maintaining-patent/patents-</pre>
assignments-change-search-ownership" data-drupal-link-system-
path="node/158400">Transferring ownership</a>id="main-
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role="menuitem"><a</pre>
href="https://certifiedcopycenter.uspto.gov">Ordering certified
documents</a></div><div class="dropdown-col"><li</pre>
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class="menu-header" role="menuitem"><span class="header-text">Tools
& links</span><li id="main-
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web_primary_menu" role="menuitem"><a href="/patents-application-</pre>
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>File
a patent application online with EFS-webid="main-
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center_primary_menu" role="menuitem"><a href="/patents-application-</pre>
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>Try
the beta replacement for EFS-Web, Private PAIR and Public PAIR
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-</pre>
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>Check patent application
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status with public PAIR and private PAIR
menu_4_patents_primary_menu_3_tools-links_primary_menu_fees-and-
payment_primary_menu" role="menuitem"><a href="/learning-and-</pre>
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>
description">Pay maintenance fees and learn more about filing fees
and other paymentsid="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 & Appeal Board</a>>p
class="link-description">Resolve disputes regarding patents with
PTABid="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>path="node/159398"
class="link-description">View international patent filings
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
& links</a></div></div><li id="main-
menu_trademarks_primary_menu" class="dropdown yamm-fw"
role="menuitem"><a href="/trademark" class="dropdown-toggle" data-</pre>
toggle="dropdown" role="button">Trademarks</a><div class="dropdown-
menu" role="menu"><div class="dropdown-col">id="main-
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class="menu-header" role="menuitem"><span class="header-</pre>
text">Getting started</span>id="main-
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started_primary_menu_trademark-basics_primary_menu"
role="menuitem"><a href="/trademarks-getting-started/trademark-</pre>
basics" data-drupal-link-system-path="node/159193">Trademark
basics</a><li id="main-
menu_0_trademarks_primary_menu_1_getting-
started_primary_menu_process-overview_primary_menu"
role="menuitem"><a href="/trademarks-getting-started/trademarks-</pre>
process" data-drupal-link-system-path="node/160525">Process
overview</a>id="main-
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started_primary_menu_trademark-faqs_primary_menu" role="menuitem"><a</pre>
href="/learning-and-resources/trademark-faqs" data-drupal-link-
system-path="node/3111">Trademark FAQs</a>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-</pre>
private-trademark-attorney" data-drupal-link-system-
path="node/158710">Hiring a U.S.-licensed attorney</a>>
id="main-menu_0_trademarks_primary_menu_4_getting-
started_primary_menu_madrid-protocol-international-
protection_primary_menu" role="menuitem"><a href="/trademark/laws-</pre>
<u>regulations/madrid-protocol</u>" data-drupal-link-system-
path="node/158952">Madrid Protocol & international
protection</a>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-</pre>
started/caution-misleading-notices" data-drupal-link-system-
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path="node/159341">Caution: misleading offers and notices</a>
</div><div class="dropdown-col"><li id="main-
menu_1_trademarks_primary_menu_application-process_primary_menu"
class="menu-header" role="menuitem"><span class="header-</pre>
text">Application process</span>id="main-
menu_1_trademarks_primary_menu_0_application-
process_primary_menu_searching-trademarks_primary_menu"
role="menuitem"><a href="/trademarks-application-process/search-</pre>
trademark-database" data-drupal-link-system-
path="node/158792">Searching trademarks</a>id="main-
menu_1_trademarks_primary_menu_1_application-
process_primary_menu_apply-online_primary_menu" role="menuitem"><a</pre>
href="/trademarks-application-process/filing-online" data-drupal-
link-system-path="node/159528">Apply online</a>>
menu_1_trademarks_primary_menu_2_application-
process_primary_menu_disclosure-of-public-information_primary_menu"
role="menuitem"><a href="/trademarks-application-process/fags-</pre>
personal-information-trademark-records" data-drupal-link-system-
path="node/160901">Disclosure of public information</a>
id="main-menu_1_trademarks_primary_menu_3_application-
process_primary_menu_checking-application-status-viewing-
documents_primary_menu" role="menuitem"><a href="/trademarks-</pre>
application-process/check-status-view-documents" data-drupal-link-
system-path="node/158448">Checking application status & viewing
documents</a><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-</pre>
registration/responding-office-actions" data-drupal-link-system-
path="node/158547">Responding to Office actions</a>>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-</pre>
applications" data-drupal-link-system-path="node/157992">Abandoned
applications</a>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"</pre>
data-drupal-link-system-path="node/158772">Ordering certified
documents</a><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-</pre>
trial-and-appeal-board" data-drupal-link-system-
path="node/161352">Trademark Trial and Appeal Board</a>
</div><div class="dropdown-col"><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>
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 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-</pre>
online/registration-maintenancerenewalcorrection-forms" data-drupal-
link-system-path="node/158620">Forms to file</a>>
```

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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-</pre>
getting-started/trademark-basics/checking-status-application-or-
registration" data-drupal-link-system-path="node/158425">Checking
registration status & viewing documents</a>>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-</pre>
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>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-</pre>
search-ownership" data-drupal-link-system-
path="node/158951">Transferring ownership</a></div><div</pre>
class="dropdown-col">
menu_4_trademarks_primary_menu_tools-links_primary_menu"
class="menu-header" role="menuitem"><span class="header-text">Tools
& links</span><li id="main-
menu_4_trademarks_primary_menu_0_tools-links_primary_menu_apply-
online-teas_primary_menu" role="menuitem"><a href="/trademarks-</pre>
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)path="node/159528">Apply online (TEAS)
class="link-description">File a trademark application and other
documents online through TEAS.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>op
class="link-description">Check trademark application status and view
all documents associated with an application/registration.
links_primary_menu_trademark-fees_primary_menu" role="menuitem"><a</pre>
href="/trademark/trademark-fee-information" title="Trademark fees
and payment" data-drupal-link-system-path="node/158616">Trademark
fees</a>Trademark fees and payment
links_primary_menu_trademark-trial-and-appeal-board_primary menu"
role="menuitem"><a href="/trademarks-application-process/trademark-</pre>
trial-and-appeal-board" data-drupal-link-system-
path="node/161352">Trademark Trial and Appeal Board</a>
id="main-menu_4_trademarks_primary_menu_4_tools-
links_primary_menu_more-tools-links_primary_menu" role="menuitem"><a</pre>
href="/trademark" data-drupal-link-system-path="node/191417">More
tools & links</a></div></div><li id="main-
menu_ip-policy_primary_menu" class="dropdown yamm-fw"
role="menuitem"><a href="/ip-policy" class="dropdown-toggle" data-</pre>
toggle="dropdown" role="button">IP Policy</a><div class="dropdown-</pre>
menu" role="menu"><div class="dropdown-col">id="main-
menu_0_ip-policy_primary_menu_ip-policy_primary_menu" class="menu-
header" role="menuitem"><span class="header-text">IP policy</span>
id="main-menu_0_ip-policy_primary_menu_0_ip-
policy_primary_menu_patent-policy_primary_menu" role="menuitem"><a</pre>
href="/ip-policy/patent-policy" data-drupal-link-system-
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path="node/159212">Patent policy</a>id="main-menu_0_ip-
policy_primary_menu_1_ip-policy_primary_menu_trademark-
policy_primary_menu" role="menuitem"><a href="/ip-policy/trademark-</pre>
policy" data-drupal-link-system-path="node/193314">Trademark
policy</a>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-</pre>
link-system-path="node/163165">Copyright policy</a>>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-</pre>
link-system-path="node/193575">Enforcement policy</a>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-</pre>
drupal-link-system-path="node/158846">Trade secret policy</a>
</div><div class="dropdown-col"><li id="main-
menu_1_ip-policy_primary_menu_international-affairs_primary menu"
class="menu-header" role="menuitem"><span class="header-</pre>
text">International affairs</span>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-</pre>
attache-program" data-drupal-link-system-path="node/175312">IP
Attaché Program</a>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"</pre>
data-drupal-link-system-path="node/176282">IP in China</a>1i
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>>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></div><div class="dropdown-col"><li
id="main-menu_2_ip-policy_primary_menu_ip-research-and-
training_primary_menu" class="menu-header" role="menuitem"><span</pre>
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-</pre>
link-system-path="node/168570">Economic research</a>>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-</pre>
intellectual-property-academy" data-drupal-link-system-
path="node/159204">Global Intellectual Property Academy</a>>
</div><div class="dropdown-col"><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>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"</pre>
title="Learn about our current legislative initiatives." data-
drupal-link-system-path="node/191579">Legislative resources</a>path="node/191579">Legislative resources</a>
class="link-description">Learn about our current legislative
initiatives.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>Find out how to protect
intellectual property in other countries.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>Find upcoming programs
related to IP policy and international affairsid="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 & links</a>
</div></div>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">li
id="main-menu_0_learning-and-resources_primary_menu_resources-by-
audience_primary_menu" class="menu-header" role="menuitem"><span</pre>
class="header-text">Resources by audience</span>
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-</pre>
and-paralegals" data-drupal-link-system-
path="node/158860">Attorneys, agents & paralegals</a>>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-</pre>
entrepreneurs-resources" data-drupal-link-system-
path="node/159231">Inventors & entrepreneurs</a>>
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
& educators</a>>>
resources_primary_menu_3_resources-by-
audience_primary_menu_media_primary_menu" role="menuitem"><a</pre>
href="/about-us/news-updates" data-drupal-link-system-
path="node/227">Media</a>
resources_primary_menu_4_resources-by-
audience_primary_menu_researchers-librarians_primary_menu"
role="menuitem"><a href="/learning-and-resources/support-centers"</pre>
/patent-and-trademark-resource-centers-ptrcs" data-drupal-link-
system-path="node/159226">Researchers & amp; librarians</a>1i
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-</pre>
trademark-practitioners" data-drupal-link-system-
path="node/168530">Patent & trademark practitioners</a>>
</div><div class="dropdown-col"><li id="main-
menu_1_learning-and-resources_primary_menu_help-by-
topic_primary_menu" class="menu-header" role="menuitem"><span</pre>
class="header-text">Help by topic</span>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>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-fags" data-drupal-link-system-
path="node/3267">General FAQs</a>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-</pre>
drupal-link-system-path="node/116">Patents FAQs</a>li
id="main-menu_1_learning-and-resources_primary_menu_3_help-by-
topic_primary_menu_trademark-faqs_primary_menu" role="menuitem"><a</pre>
href="/learning-and-resources/trademark-fags" data-drupal-link-
system-path="node/3111">Trademark FAQs</a>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"</pre>
/transferring-ownership-assignments-faqs" data-drupal-link-system-
path="node/160329">Transferring ownership / Assignments help</a>>
</div><div class="dropdown-col"><li id="main-
menu_2_learning-and-resources_primary_menu_services-
publications_primary_menu" class="menu-header" role="menuitem"><span</pre>
class="header-text">Services & publications</span>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-</pre>
mobility" data-drupal-link-system-path="node/162979">Open data & amp;
mobility</a>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>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"</pre>
data-drupal-link-system-path="node/159520">Official Gazette</a>
id="main-menu_2_learning-and-
resources_primary_menu_3_services-publications_primary_menu_support-
centers_primary_menu" role="menuitem"><a href="/learning-and-</pre>
resources/support-centers" data-drupal-link-system-
path="node/160543">Support centers</a>>
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"</pre>
data-drupal-link-system-path="node/158330">XML resources</a>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</pre>
/classification-standards-and-development" data-drupal-link-system-
path="node/158812">Classification</a></div><div</pre>
class="dropdown-col">id="main-menu 3 learning-and-
resources_primary_menu_tools-links_primary_menu" class="menu-header"
role="menuitem"><span class="header-text">Tools & links</span>
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>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>id="main-menu_3_learning-and-
resources_primary_menu_2_tools-links_primary_menu_guidance-
documents_primary_menu" role="menuitem"><a href="/guidance" data-</pre>
drupal-link-system-path="node/192542">Guidance documents</a>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-</pre>
drupal-link-system-path="learning-and-resources/glossary">Glossary
of terms</a>id="main-menu 3 learning-and-
resources_primary_menu_4_tools-
links_primary_menu_subscriptions_primary_menu" role="menuitem"><a</pre>
href="https://www.uspto.gov/subscribe">Subscriptions</a>>li
id="main-menu_3_learning-and-resources_primary_menu_5_tools-
links_primary_menu_how-to-videos_primary_menu" role="menuitem"><a</pre>
href="/learning-and-resources/uspto-videos" data-drupal-link-system-
path="node/171287">How-to videos</a>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-</pre>
awards" data-drupal-link-system-path="node/160581">IP programs and
awards</a>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>
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></div></div></div></div></div>
class="region region-secondary-menu"> <maw role="navigation" aria-</pre>
labelledby="block-mobilenavigation-menu" id="block-mobilenavigation"
class="block block-menu navigation menu--main"><h2 class="visually-</pre>
hidden" id="block-mobilenavigation-menu">Mobile main menu</h2>
region="secondary menu" class="menu">
menu_patents_secondary_menu" class="menu-item expanded"> <a</pre>
href="/patent#patents-0" class="menuparent" aria-hidden="true">
Patents</a><a href="/"
class="menu_link menu-back" style="left: 0px;">Back</a>li
id="main-menu_0_patents_secondary_menu_getting-
started_secondary_menu" class="menu-item expanded"> <a</pre>
href="/patent#getting-started-1" class="menuparent" aria-
hidden="true"> Getting started</a>
item"><a href="/" class="menu_link menu-back" style="left:</pre>
Opx;">Back</a>
menu_0_patents_secondary_menu_0_getting-
started_secondary_menu_patent-basics_secondary_menu" class="menu-
item collapsed"> <a href="/patents-getting-started/general-</pre>
information-concerning-patents" data-drupal-link-system-
path="node/158364">Patent basics</a>
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"</pre>
data-drupal-link-system-path="node/160540">Process overview</a>
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>
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-
<u>resources/inventors-entrepreneurs-resources</u>" data-drupal-link-
system-path="node/159231">Inventor and entrepreneur resources</a>
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"> <a href="/patents-getting-starte
/international-patent-cooperation" data-drupal-link-system-
path="node/159361">International cooperation</a>id="main-
menu 0 patents secondary menu 5 getting-
started_secondary_menu_patent-fags_secondary_menu" class="menu-
item"> <a href="/help/patent-help#patents" data-drupal-link-system-
path="node/116">Patent FAQs</a>id="main-
menu_1_patents_secondary_menu_application-process_secondary_menu"
class="menu-item expanded"> <a href="/patent#application-process-1"</pre>
class="menuparent" aria-hidden="true"> Application process</a>
class="menu"><a href="/" class="menu_link"</pre>
menu-back" style="left: 0px;">Back</a>
menu_1_patents_secondary_menu_0_application-
process_secondary_menu_search-for-patents_secondary_menu"
class="menu-item collapsed"> <a href="/patents-application-process"> <a href="/pa
<u>/search-patents</u>" data-drupal-link-system-path="node/158806">Search
for patents</a><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-</pre>
application-process/patent-search/classification-standards-and-
development" data-drupal-link-system-path="node/158812">Learn about
patent classification</a><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"</pre>
data-drupal-link-system-path="node/158495">Filing online</a>>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"> <a href="/pa
/checking-application-status/check-filing-status-your-patent-
application" data-drupal-link-system-path="node/162473">Checking
application status</a>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-</pre>
office-actions" data-drupal-link-system-
path="node/160642">Responding to Office actions</a>>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>
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"> ref="/patents-application-process"
/patent-trial-and-appeal-board" data-drupal-link-system-
path="node/194345">Patent Trial and Appeal Board</a>
id="main-menu_2_patents_secondary_menu_maintaining-
a-patent_secondary_menu" class="menu-item expanded"> <a</pre>
href="/patent#maintaining-a-patent-1" class="menuparent" aria-
hidden="true"> Maintaining a patent</a>>li
class="menu-item"><a href="/" class="menu_link menu-back"</pre>
style="left: 0px;">Back</a>
menu 2 patents secondary menu 0 maintaining-
a-patent_secondary_menu_maintenance-fees_secondary_menu"
class="menu-item"> <a href="/patents-maintaining-patent/maintain-</pre>
vour-patent" data-drupal-link-system-path="node/158605">Maintenance
fees</a><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-</pre>
management-services" data-drupal-link-system-
path="node/158545">Correcting your patent</a>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-</pre>
assignments-change-search-ownership" data-drupal-link-system-
path="node/158400">Transferring ownership</a>id="main-
menu_2_patents_secondary_menu_3_maintaining-
a-patent_secondary_menu_ordering-certified-documents_secondary_menu"
class="menu-item"> <a</pre>
href="https://certifiedcopycenter.uspto.gov">Ordering certified
documents</a>id="main-
menu_3_patents_secondary_menu_more-patents_secondary_menu"
class="menu-item expanded"> <a href="/patent#more-patents-1"</pre>
class="menuparent" aria-hidden="true"> More Patents</a>>
class="menu"><a href="/" class="menu_link">
menu-back" style="left: Opx;">Back</a><li id="main-
menu_3_patents_secondary_menu_0_more-
patents_secondary_menu_forms_secondary_menu" class="menu-item"> <a</pre>
href="/patent/patents-forms" data-drupal-link-system-
path="node/158540">Forms</a>id="main-
menu_3_patents_secondary_menu_1_more-patents_secondary_menu_fees-
payment-information_secondary_menu" class="menu-item"> <a</pre>
href="/learning-and-resources/fees-and-payment/fees-payments-faqs"
data-drupal-link-system-path="node/3266">Fees & amp; payment
information</a><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>
menu_3_patents_secondary_menu_3_more-patents_secondary_menu_patents-
announcements_secondary_menu" class="menu-item"> <a href="/patent</pre>
/patent-announcements" data-drupal-link-system-
path="node/159184">Patents Announcements</a>>id="main-
menu_3_patents_secondary_menu_4_more-patents_secondary_menu_patents-
ombudsman_secondary_menu" class="menu-item"> <a href="/patent</pre>
/ombudsman-program" data-drupal-link-system-
path="node/159526">Patents Ombudsman</a>>id="main-
menu_3_patents_secondary_menu_5_more-patents_secondary_menu_laws-
and-regulations_secondary_menu" class="menu-item collapsed"> <a</pre>
href="/patent/laws-regulations-policies-procedures-guidance-and-
training" data-drupal-link-system-path="node/159154">Laws and
Regulations</a>id="main-
menu_3_patents_secondary_menu_6_more-patents_secondary_menu_contact-
patents_secondary_menu" class="menu-item"> <a href="/patent/contact-</pre>
patents" data-drupal-link-system-path="node/160333">Contact
Patents</a><li id="main-menu_3_patents_secondary_menu_7_more-
patents_secondary_menu_patent-technology-centers-
management_secondary_menu" class="menu-item collapsed"> <a</pre>
href="/patent/contact-patents/patent-technology-centers-management"
data-drupal-link-system-path="node/159730">Patent Technology Centers
Management</a>id="main-
menu 4 patents secondary menu tools-links secondary menu"
class="menu-item expanded"> <a href="/patent#tools-&amp;-links-1"</pre>
class="menuparent" aria-hidden="true"> Tools & links</a>
class="menu"><a href="/" class="menu_link"</pre>
menu-back" style="left: 0px;">Back</a>
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>>
menu 4 patents secondary menu 1 tools-links secondary menu patent-
center_secondary_menu" class="menu-item"> <a href="/patents-</pre>
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>id="main-
menu_4_patents_secondary_menu_2_tools-links_secondary_menu_check-
application-status_secondary_menu" class="menu-item"> <a</pre>
href="/patents-application-process/checking-application-status">href="/patents-application-process/checking-application-status">href="/patents-application-process/checking-application-status">href="/patents-application-process/checking-application-status">href="/patents-application-process/checking-application-status">href="/patents-application-process/checking-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/patents-application-status">href="/paten
/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
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</pre>
maintenance fees and learn more about filing fees and other
payments" data-drupal-link-system-path="node/162791">Fees and
payment</a>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-</pre>
trial-and-appeal-board" title="Resolve disputes regarding patents
with PTAB" data-drupal-link-system-path="node/194345">Patent Trial
& Appeal Board</a>id="main-
menu_4_patents_secondary_menu_5_tools-links_secondary_menu_global-
dossier_secondary_menu" class="menu-item"> <a href="/patents-</pre>
getting-started/international-protection/global-dossier-initiative"
title="View international patent filings" data-drupal-link-system-
path="node/159398">Global Dossier</a>>
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 & amp;
links</a>id="main-
menu trademarks secondary menu" class="menu-item expanded"> <a</pre>
href="/trademark#trademarks-0" class="menuparent" aria-
hidden="true"> Trademarks</a>
item"><a href="/" class="menu_link menu-back" style="left:</pre>
Opx;">Back</a>
menu_0_trademarks_secondary_menu_getting-started_secondary_menu"
class="menu-item expanded"> <a href="/trademark#getting-started-1"</pre>
class="menuparent" aria-hidden="true"> Getting started</a>>
class="menu"><a href="/" class="menu_link"</pre>
menu-back" style="left: 0px;">Back</a>
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-</pre>
drupal-link-system-path="node/159193">Trademark basics</a>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-</pre>
drupal-link-system-path="node/160525">Process overview</a>
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-fags" data-drupal-</pre>
link-system-path="node/3111">Trademark FAQs</a>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">Hirring a U.S.-licensed attorney</a>
id="main-menu_0_trademarks_secondary_menu_4_getting-
started_secondary_menu_madrid-protocol-international-
protection secondary menu" class="menu-item"> <a href="/trademark</pre>
/laws-regulations/madrid-protocol" data-drupal-link-system-
path="node/158952">Madrid Protocol & international
protection</a><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-</pre>
getting-started/caution-misleading-notices" data-drupal-link-system-
path="node/159341">Caution: misleading offers and notices</a>
id="main-
menu_1_trademarks_secondary_menu_application-process_secondary_menu"
class="menu-item expanded"> <a href="/trademark#application-</pre>
process-1" class="menuparent" aria-hidden="true"> Application
process</a><a href="/"</pre>
class="menu_link menu-back" style="left: 0px;">Back</a>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-</pre>
trademark-database" data-drupal-link-system-
path="node/158792">Searching trademarks</a>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-</pre>
drupal-link-system-path="node/159528">Apply online</a>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-</pre>
application-process/fags-personal-information-trademark-records"
data-drupal-link-system-path="node/160901">Disclosure of public
information</a>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-</pre>
application-process/check-status-view-documents" data-drupal-link-
system-path="node/158448">Checking application status & amp; viewing
documents</a><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-</pre>
registration/responding-office-actions" data-drupal-link-system-
path="node/158547">Responding to Office actions</a>>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>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"</pre>
data-drupal-link-system-path="node/158772">Ordering certified
documents</a><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-</pre>
application-process/trademark-trial-and-appeal-board" data-drupal-
link-system-path="node/161352">Trademark Trial and Appeal Board</a>
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id="main-
menu_2_trademarks_secondary_menu_maintaining-a-trademark-
registration_secondary_menu" class="menu-item expanded"> <a</pre>
href="/trademark#maintaining-a-trademark-registration-1"
class="menuparent" aria-hidden="true"> Maintaining a trademark
registration</a><a href="/"</pre>
class="menu_link menu-back" style="left: 0px;">Back</a>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-</pre>
maintaining-trademark-registration/keeping-your-registration-alive"
data-drupal-link-system-path="node/163847">Keeping your registration
alive</a><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-</pre>
online/registration-maintenancerenewalcorrection-forms" data-drupal-
link-system-path="node/158620">Forms to file</a>
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-</pre>
getting-started/trademark-basics/checking-status-application-or-
registration" data-drupal-link-system-path="node/158425">Checking
registration status & viewing documents</a>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</pre>
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>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-</pre>
search-ownership" data-drupal-link-system-
path="node/158951">Transferring ownership</a>
id="main-menu_3_trademarks_secondary_menu_more-
trademarks_secondary_menu" class="menu-item expanded"> <a</pre>
href="/trademark#more-trademarks-1" class="menuparent" aria-
hidden="true"> More Trademarks</a>
item"><a href="/" class="menu_link menu-back" style="left:</pre>
0px;">Back</a>
menu_3_trademarks_secondary_menu_0_more-
trademarks_secondary_menu_trademark-updates-and-
announcements_secondary_menu" class="menu-item collapsed"> <a</pre>
href="/trademark/trademark-updates-announcements" data-drupal-link-
system-path="node/160351">Trademark Updates and Announcements</a>
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"</pre>
data-drupal-link-system-path="node/160350">Laws & amp;
Regulations</a>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"</pre>
data-drupal-link-system-path="node/158616">Fees & amp; payment
information</a>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 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"</pre>
data-drupal-link-system-path="node/158428">Sound Marks</a>li
id="main-menu_3_trademarks_secondary_menu_5_more-
trademarks_secondary_menu_transferring-ownership-
assignments_secondary_menu" class="menu-item"> <a href="/trademark"/
</pre>
/trademark-assignments-change-search-ownership" data-drupal-link-
system-path="node/158951">Transferring Ownership / Assignments</a>
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-</pre>
prosecutors-official-government-use-only" data-drupal-link-system-
path="node/158395">Documents for prosecutors</a>id="main-
menu_3_trademarks_secondary_menu_7_more-
trademarks_secondary_menu_trademark-timelines_secondary_menu"
class="menu-item"> <a href="/trademark/trademark-timelines</pre>
/tradema<u>rk-application-and-post-registration-process-timelines</u>"
data-drupal-link-system-path="node/158559">Trademark Timelines</a>
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-</pre>
drupal-link-system-path="node/158772">Contact Trademarks</a>
id="main-menu_4_trademarks_secondary_menu_tools-
links_secondary_menu" class="menu-item expanded"> <a
href="/trademark#tools-&-links-1" class="menuparent" aria-
hidden="true"> Tools & links</a>><li</pre>
class="menu-item"><a href="/" class="menu_link menu-back"</pre>
style="left: 0px;">Back</a>
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
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-</pre>
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>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"</pre>
title="Trademark fees and payment" data-drupal-link-system-
path="node/158616">Trademark fees</a>
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>
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-</pre>
path="node/191417">More tools & links</a>
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>>
item"><a href="/" class="menu_link menu-back" style="left:</pre>
Opx;">Back</a>
policy_secondary_menu" class="menu-item expanded"> <a href="/ip-</pre>
policy#ip-policy-1" class="menuparent" aria-hidden="true"> IP
policy</a><a href="/"</pre>
class="menu_link menu-back" style="left: 0px;">Back</a>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-</pre>
path="node/159212">Patent policy</a>
policy_secondary_menu_1_ip-policy_secondary_menu_trademark-
policy_secondary_menu" class="menu-item"> <a href="/ip-policy"</pre>
/trademark-policy" data-drupal-link-system-
path="node/193314">Trademark policy</a>
policy_secondary_menu_2_ip-policy_secondary_menu_copyright-
policy_secondary_menu" class="menu-item"> <a href="/ip-policy</pre>
/copyright-policy" data-drupal-link-system-
path="node/163165">Copyright policy</a>
policy_secondary_menu_3_ip-policy_secondary_menu_enforcement-
policy_secondary_menu" class="menu-item"> <a href="/ip-policy</pre>
/enforcement-policy" data-drupal-link-system-
path="node/193575">Enforcement policy</a>
menu_0_ip-policy_secondary_menu_4_ip-policy_secondary_menu_trade-
secret-policy_secondary_menu" class="menu-item"> <a href="/ip-policy</pre>
/trade-secret-policy" data-drupal-link-system-
path="node/158846">Trade secret policy</a>
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>>li
class="menu-item"><a href="/" class="menu link menu-back"</pre>
style="left: Opx;">Back</a>
policy_secondary_menu_0_international-affairs_secondary_menu_ip-
attach-program_secondary_menu" class="menu-item collapsed"> <a</pre>
href="/ip-policy/ip-attache-program" data-drupal-link-system-
path="node/175312">IP Attaché Program</a>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>
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>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>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-</pre>
training--1" class="menuparent" aria-hidden="true"> IP research and
training </a><a href="/"
class="menu_link menu-back" style="left: 0px;">Back</a>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"</pre>
data-drupal-link-system-path="node/168570">Economic research</a>
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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-</pre>
policy/global-intellectual-property-academy" data-drupal-link-
system-path="node/159204">Global Intellectual Property Academy</a>
id="main-menu_3_ip-policy_secondary_menu_tools-
links_secondary_menu" class="menu-item expanded"> <a href="/ip-
policy#tools-&-links-1" class="menuparent" aria-hidden="true">
Tools & links</a><a
href="/" class="menu_link menu-back" style="left: 0px;">Back</a>
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"</pre>
title="Learn about our current legislative initiatives." data-
drupal-link-system-path="node/191579">Legislative resources</a>
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>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>
policy_secondary_menu_3_tools-links_secondary_menu_more-tools-
links_secondary_menu" class="menu-item"> <a href="/ip-policy" data-</pre>
drupal-link-system-path="node/191438">More tools & amp; links</a>
id="main-menu_learning-and-
resources_secondary_menu" class="menu-item expanded"> <a</pre>
href="/learning-resources#learning-and-resources-0"
class="menuparent" aria-hidden="true"> Learning and Resources</a>
class="menu"><a href="/" class="menu_link"</pre>
menu-back" style="left: 0px;">Back</a>
menu_0_learning-and-resources_secondary_menu_resources-by-
audience secondary menu" class="menu-item expanded"> <a</pre>
href="/learning-resources#resources-by-audience-1"
class="menuparent" aria-hidden="true"> Resources by audience</a><<ul>ul
class="menu"><a href="/" class="menu_link"</pre>
menu-back" style="left: 0px;">Back</a>
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-</pre>
agents-and-paralegals" data-drupal-link-system-
path="node/158860">Attorneys, agents & paralegals</a>>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-</pre>
entrepreneurs-resources" data-drupal-link-system-
path="node/159231">Inventors & entrepreneurs</a>
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"</pre>
/kids/index.html">Kids & amp; educators</a>id="main-
menu 0 learning-and-resources secondary menu 3 resources-by-
audience_secondary_menu_media_secondary_menu" class="menu-item"> <a</pre>
href="/about-us/news-updates" data-drupal-link-system-
path="node/227">Media</a>
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"> <a href="/learning-and-resources/support-centers/support-cent
/patent-and-trademark-resource-centers-ptrcs" data-drupal-link-
system-path="node/159226">Researchers & librarians</a>>
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</pre>
href="/learning-and-resources/patent-and-trademark-practitioners"
data-drupal-link-system-path="node/168530">Patent & amp; trademark
practitioners</a>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"</pre>
class="menuparent" aria-hidden="true"> Help by topic</a>
class="menu"><a href="/" class="menu link</pre>
menu-back" style="left: 0px;">Back</a>
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"</pre>
data-drupal-link-system-path="node/162791">Fees and payment</a>
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-</pre>
resources/general-faqs" data-drupal-link-system-
path="node/3267">General FAQs</a>
and-resources_secondary_menu_2_help-by-topic_secondary_menu_patents-
fags_secondary_menu" class="menu-item collapsed"> <a href="/help</pre>
<u>/patent-help</u>" data-drupal-link-system-path="node/116">Patents
FAQs</a>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-</pre>
resources/trademark-faqs" data-drupal-link-system-
path="node/3111">Trademark FAQs</a>
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>id="main-menu_2_learning-and-
resources_secondary_menu_services-publications_secondary_menu"
class="menu-item expanded"> <a href="/learning-resources#services-&</pre>
amp;-publications-1" class="menuparent" aria-hidden="true"> Services
& publications</a>><a</pre>
href="/" class="menu_link menu-back" style="left: 0px;">Back</a>
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-</pre>
data-and-mobility" data-drupal-link-system-path="node/162979">Open
data & mobility</a>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"> <a href=/learning-and-resources</a></a></a></a>
/federal-register" data-drupal-link-system-
path="node/159205">Federal Register Notices</a>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"> <a href="/learnin
/official-gazette" data-drupal-link-system-
path="node/159520">Official Gazette</a>
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</pre>
<u>/support-centers</u>" data-drupal-link-system-path="node/160543">Support
centers</a>
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>>
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-</pre>
resources/more-patent-and-trademark-services" data-drupal-link-
system-path="node/159163">More Patent and Trademark Services</a>
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-</pre>
search/classification-standards-and-development" data-drupal-link-
system-path="node/158812">Classification</a>
id="main-menu_3_learning-and-resources_secondary_menu_tools-
links_secondary_menu" class="menu-item expanded"> <a</pre>
href="/learning-resources#tools-&-links-1" class="menuparent"
aria-hidden="true"> Tools & links</a>>links</a>
class="menu-item"><a href="/" class="menu_link menu-back"</pre>
style="left: 0px;">Back</a>
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>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>
resources_secondary_menu_2_tools-links_secondary_menu_guidance-
documents_secondary_menu" class="menu-item"> <a href="/guidance"</pre>
data-drupal-link-system-path="node/192542">Guidance documents</a>
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>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>
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-</pre>
resources/uspto-videos" data-drupal-link-system-
path="node/171287">How-to videos</a>>
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-</pre>
awards" data-drupal-link-system-path="node/160581">IP programs and
awards</a>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>
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-</pre>
```

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id="main-menu_4_learning-and-resources_secondary_menu_more-learning-
and-resources_secondary_menu" class="menu-item expanded"> <a</pre>
href="/learning-resources#more-learning-and-resources-1"
class="menuparent" aria-hidden="true"> More Learning and
Resources</a><a href="/"
class="menu_link menu-back" style="left: 0px;">Back</a>
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-</pre>
resources/examiner-training-materials" data-drupal-link-system-
path="node/160778">Examiner Training Materials</a>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"</pre>
/outreach-and-education" data-drupal-link-system-
path="node/194624">Educational Resources</a>>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-</pre>
programs-and-awards" data-drupal-link-system-path="node/160581">IP
Programs and Awards</a>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"> <a href=/learning-and-resources</a></a></a>
/training-public-users" data-drupal-link-system-
path="node/160692">Training for Public Users</a>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-</pre>
center-order-form" data-drupal-link-system-path="node/159178">Order
Print Publications</a>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-</pre>
resources" data-drupal-link-system-path="node/159221">Other Web
Resources</a>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>
expanded"> <a href="/about-us#about-us-0" class="menuparent" aria-
hidden="true"> About Us</a><a</pre>
href="/" class="menu_link menu-back" style="left: 0px;">Back</a>
id="main-menu_0_about-us_secondary_menu_performance-and-
planning_secondary_menu" class="menu-item collapsed"> <a</pre>
href="/about-us/performance-and-planning" data-drupal-link-system-
path="node/160327">Performance and Planning</a>>
menu_1_about-us_secondary_menu_uspto-locations_secondary_menu"
class="menu-item collapsed"> <a href="/about-us/uspto-office-</pre>
<u>locations</u>" data-drupal-link-system-path="node/159530">USPTO
Locations</a>id="main-menu 2 about-
us_secondary_menu_vendor-information_secondary_menu" class="menu-
item"> <a href="/about-us/vendor-information" data-drupal-link-</pre>
system-path="node/159065">Vendor Information</a>
id="main-menu_jobs_secondary_menu" class="menu-item"> <a href="/jobs</pre>
/join-us" data-drupal-link-system-path="node/163617">Jobs</a>
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>
menu_myuspto_secondary_menu" class="menu-item"> <a</pre>
href="https://my.uspto.gov/">MyUSPTO </a></nav></div><div</pre>
class="region region-quick-links-menu"><div class="btn-group quick-</pre>
links dropdown"><a class="btn btn-quick-links btn-primary dropdown-
toggle" data-toggle="dropdown"><span class="fa fa-link"></span>
  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-</pre>
class="field-links"><div class="field field--name-field-ql-item"</pre>
field--type-entity-reference-revisions field--label-hidden
field__items"><div class="field__item"><div class="ql-icon"><div</pre>
class="field field--name-field-icon field--type-fontawesome-icon
field--label-hidden field__item"><div class="fontawesome-icons"><div</pre>
class="fontawesome-icon"> <i class="fas fa-search " data-fa-</pre>
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-</pre>
link field--type-link field--label-hidden field__items"><div</pre>
class="field__item"><a href="http://patft.uspto.gov/netahtml")</pre>
/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> class="field field--name-field-
title field--type-string field--label-hidden field__item">Patent
search</div></div></div></div><div class="field item"><div class="ql-
icon"><div class="field field--name-field-icon field--type-</pre>
fontawesome-icon field--label-hidden field item"><div
class="fontawesome-icons"><div class="fontawesome-icon"> <i</pre>
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--</pre>
type-link field--label-hidden field items"><div
class="field item"><a href="https://patentcenter.uspto.gov"><a href="https://patentcenter.uspto.gov">><a href="https://patentcenter.uspto.g
/#!/">Patent Center</a></div><div class="field item"><a
href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered">href="https://efs-my.uspto.gov/EFSWebUIRegistered</href="https://efs-my.uspto.gov/EFSWebUIRegistered</h
/EFSWebRegistered">EFS-Web</a></div><div class="field item"><a
href="/patent/patents-forms">Forms</a></div></div><div class="field"</pre>
field--name-field-title field--type-string field--label-hidden
class="field item"><div class="gl-icon"><div class="field field--</pre>
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-</pre>
fa-mask="" style="--fa-primary-color: #000000; --fa-secondary-color:
#000000;"></i></div></div></div></div></div></div
role="menuitem"><div class="field field--name-field-link field--</pre>
type-link field--label-hidden field items"><div
class="field__item"><a href="/patents-application-process/patent-</pre>
center">Patent Center</a></div><div class="field item"><a</pre>
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</div</div</rr>
class="field__item"><div class="ql-icon"><div class="field field--</pre>
```

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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-</pre>
fa-mask="" style="--fa-primary-color: #000000; --fa-secondary-color:
#000000;"></i></div></div></div></div></div></div
role="menuitem"><div class="field field--name-field-link field--</pre>
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</pre>
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</pre>
class="fontawesome-icon"> <i class="fas fa-gavel " data-fa-</pre>
transform="" data-fa-mask="" style="--fa-primary-color: #000000;
--fa-secondary-color: #000000;"></i>>/div></div></div></div>
class="ql-link" role="menuitem"><div class="field field--name-field-</pre>
link field--type-link field--label-hidden field items"><div
class="field item"><a href="/patents-application-process/patent-</pre>
trial-and-appeal-board">PTAB</a></div></div><div class="field"</pre>
field--name-field-title field--type-string field--label-hidden
class="field__item"><div class="ql-icon"><div class="field field--</pre>
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-</pre>
mask="" style="--fa-primary-color: #000000; --fa-secondary-color:
#000000;"></i></div></div></div></div></div></div
role="menuitem"><div class="field field--name-field-link field--</pre>
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</pre>
href="https://epas.uspto.gov">Record assignment</a></div></div><div</pre>
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--</pre>
type-fontawesome-icon field--label-hidden field item"><div
class="fontawesome-icons"><div class="fontawesome-icon"> <i</pre>
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--</pre>
type-link field--label-hidden field__items"><div</pre>
class="field item"><a href="https://www.uspto.gov/web/offices"><a href="https://www.uspto.gov/web/offices">><a href="https
/pac/mpep/index.html">MPEP</a></div><div class="field item"><a</pre>
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/">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></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></di>
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/bin/gate.exe?f=login&p_lang=english&p_d=trmk">TESS</a>
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string field--label-hidden field__item">Search trademark
database</div></div></div><div class="field__item"><div class="ql-
icon"><div class="field field--name-field-icon field--type-</pre>
fontawesome-icon field--label-hidden field item"><div
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online">TEAS</a></div><div class="field__item"><a href="/trademarks-</pre>
application-process/filing-online/index-all-teas-forms">Forms</a>
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certificates</div></div></div><div class="field__item"><div</pre>
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/ttabvue/">TTABVUE</a></div></div><div class="field field--name-
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_/">Search assignment</a></div><div class="field__item"><a</pre>
href="https://etas.uspto.gov">Record assignment</a></div></div><div</pre>
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ownership changes</div></div></div><div class="field__item"><div</pre>
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list-public.html">ID Manual</a></div><div class="field item"><a
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manuals</div></div></div><div class="field item"><div class="gl-
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class="field field--name-field-title field--type-string field--
label-hidden field__item">Updates and announcements</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></di>
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field__item">Fee schedule and payment information</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></di>
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/">Systems status</a></div></div><div class="field field--name-
field-title field--type-string field--label-hidden
field__item">Current and planned system outages</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>
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Information from Unpublished Patent Applications in Private PAIR </div></div></div></div></div></div></div></div></div></div></div></div> class="col-sm-9" id="content" role="main"><a id="main-content"</pre> tabindex="-1">><div class="region region-highlighted"><div</pre> id="block-highlighted-alert-3418-14" data-disable-close="false" class="uspto-alert block block-ctools block-entity-viewnode blockhighlighted-alert-3418-14" **style**="display:none"> <article region="highlighted" role="article" about="/learning-and-resources /support-centers/patent-electronic-business-center" class="node" node--type-office-location node-office-location node--view-modehighlighted-alert view-mode-highlighted-alert alert block"><div</pre> class="node__content container"><div class="clearfix text-formatted")</pre> field field--name-field-alert field--type-text-long field--labelhidden field__item">The Patent Electronic Business Center will be open on New Year's Eve, December 31st, 2020, from 6:00 am to 6:00 pm.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.</div></div></div></article> </div></div><div class="region region-content"><div data-drupalmessages-fallback class="hidden"></div><div id="block-pagetitle"</pre> class="block block-core block-page-title-block block-pagetitle") clearfix"><h1 class="page-title"><span class="field field--name-</pre> title field--type-string field--label-hidden">Patent Electronic Business Center</h1></div><div id="block-uspto-theme-systemmain" class="block block-system block-system-main-block block-usptotheme-system-main"> <article role="article" about="/learning-andresources/support-centers/patent-electronic-business-center" class="node node--type-office-location node-office-location node-view-mode-full view-mode-full"><div class="node__content"><div</pre> class="field field--name-field-contact field--type-entity-reference field--label-hidden field__item"><article role="article"</pre> about="/contact-detail/patent-electronic-business-center-ebccustomer-service-center" class="node node--type-contact-detail nodecontact-detail node--view-mode-short-teaser view-mode-short-teaser office-details-right"><div class="content"><div class="field field-name-field-phone-number-toll-free field--type-string field--labelinline clearfix"><div class="field_label">Toll-Free</div><div</pre> class="field__item">866-217-9197</div></div></div><div class="field")</pre> field--name-field-phone-number-local field--type-string field-label-inline clearfix"><div class="field label">Local</div><div</pre> class="field item">571-272-4100</div></div></div></div> field--name-field-email field--type-email field--label-inline clearfix"><div class="field__label">Email</div><div</pre> class="field__item">ebc@uspto.gov </div></div></div></div></div><div class="clearfix textformatted field field--name-body field--type-text-with-summary field--label-hidden field__item">The Patent Electronic Business Center (EBC) assists customers with the various Patent Electronic Systems which include filing their electronic patent application submissions via the anbsp; <a data-entitysubstitution="canonical" data-entity-type="node" data-entityuuid="a2c5070b-5da7-4d98-bbf1-bed1acc05eab" href="/patentsapplication-process/applying-online/about-efs-web" title="About EFS-Web">Electronic Filing System (EFS-Web) and with the review of patent applications in knbsp;;/span><strong<applications in knbsp;/span><<a href="mailto:strong>applications in knbsp;/span><strong<applications in knbsp;/span><strong<applications in knbsp;strongPublic and Private PAIR, as well as supporting customers while Searching the Patent and Application Full-Text Image Databases<<pre>span>. The Electronic

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.<div dir="ltr">& nbsp;</div><div class="box gray unpublished-event"><center> Check the href="http://www.uspto.gov/helpdesk /status.htm" target="_blank">System Alerts%nbsp;pages%nbsp; for announcements of all planned and unplanned outages of all USPTO Online Business systems. See also /file/efs/announce/index.jsp">EFS-Web Announcements and href="http://www /patents/process/search/public_pair/announce/index.jsp">PAIR Announcements.</center></div><table border="1" cellpadding="1" cellspacing="1" summary="Test" width="500"><caption> Patent Electronic Business Center Contact Info/strong> 1-866-217-9197 (toll-free)

571-272-4100 (local)6:00 a.m. to 12:00 E-mail: ebc@uspto.gov& nbsp;Fax: </ra> <**span**>571-273-0177</**span**><**strong**><**span**>Postal Address:Mail Stop EBC

 1450</**span**><**br**><**span**>Alexandria, VA 22313-1450</**span**> <h2>New to Patents?</h2>Please first review the href="http://www.uspto.gov/patents/process/file/efs /guidance/register.jsp" target="_self">New Users section and Frequently Asked Questions for introductory information about the various USPTO Patent Electronic Systems and tools.<h2>How We Can Help</h2>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, online electronic filing information, instructional material, ;/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. 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. We are here to help!<h3>Major Support Areas</h3>Submitting your Patent Application via EFS-WebViewing Application information in Public and Private PAIRSearching for Patents in AppFT and PatFTPatent Electronic System Verification Form and Customer Number Issues and Assistanceli>USPTO.gov account authentication for Private PAIR and EFS-WEB including Web Browser Problems Problems or Errors with your Patent Application Registration Inquires and IssuesTechnical Problems with Biotech Tools such as <a href="/patents-getting-started/patent-

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/patentin">PatentIn</a><span>&nbsp;and&nbsp;</span><a</pre>
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nbsp;</span><Becoming a Registered USPTO.gov Account</pre>
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/guidance/register.jsp">A <strong>Customer
Number</strong>&nbsp; and a&nbsp; </a><strong><a
href="http://www.uspto.gov/patents/process/file/efs/guidance"
/register.jsp">registered USPTO.gov account</a>&nbsp;</strong>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.Related
Forms<a href="/sites/default/files/documents">href="/sites/default/files/documents</a>
<u>/Patent%20Electronic%20System%20Form.pdf</u>" target="_blank">Patent
Electronic  Verification Form</a>><strong>&nbsp;</strong>
<span>[PDF, 63kB]&nbsp; &nbsp;/span><a href="/sites/default/files</pre>
/documents
/Instructions%20-%20Patent%20Electronic%20System%20Verification%20Fo
rm.pdf" target="_blank">Instructions</a>%nbsp;<spam>%nbsp;[73kB PDF
Document] </span>&nbsp;<br/>br>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">href="http://www.uspto.gov/web/forms
/sb0125_fill.pdf" target="_blank">Customer Number Request
form</a>&nbsp;<span>&nbsp;[fillable PDF, 208kB]&nbsp;</span>&nbsp;
<br>>This form is used to request a customer number.&nbsp;
<br/>

submitted online via Private PAIR where you will immediately receive
your new number - <a href="http://www.uspto.gov/sites/default/files">href="http://www.uspto.gov/sites/default/files</ar/default/files</ar/default/files</ar/default/files</ar/default/files</ar/default/files</ar/default
/documents/QSG-NewCN-Final.pdf">More info</a>a
href="http://www.uspto.gov/web/forms/sb0124.pdf"
target="_blank">Request for Customer Number Data Change</a>
<strong>&nbsp;</strong><span>[filllable PDF, 180kB]&nbsp;
</span>&nbsp;<br/>this form is used to request changes in current
customer number information.<a href="http://www.uspto.gov">http://www.uspto.gov</a>
/patents/ebc/cust_req_instructions.xls" target="_blank">Customer
Number Upload Spreadsheet</a>%nbsp;<span>%nbsp;[MS Excel,
241kB] </span>&nbsp;<br/>br>This is a spreadsheet template used to
associate your customer number with your applications.  
<br/>
<br/>
<br/>
span>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.</span>
<strong>&nbsp;</strong><br>><span><strong>New</strong> &ndash;
Correspondence and Maintenance Fee address changes can now be
submitted online via Private PAIR   - <a href="mailto:red">a</a>
href="http://www.uspto.gov/sites/default/files/documents/QSG-
UpdateAddress-Final.pdf">More info</a><br/>br><strong>*</strong>Address
changes made via Private PAIR are only available to registered
practitioners who have been given power of attorney in the
application.  </span>&#8203;<a
href="https://www.uspto.gov/sites/default/files/documents"
/cust_num_pct.doc">Request to Update a PCT Application with a
Customer Number</a>\&nbsp;form&nbsp;[MS&nbsp;Word, 34.5kB]&nbsp;
<br/>this allows you to &nbsp;associate a PCT&nbsp;application in the
International phase with a Customer Number for purposes of viewing
the PCT application in Private PAIR.
Info</h3><h3>&nbsp;</h3><a href="https://www.uspto.gov/sites">https://www.uspto.gov/sites
/default/files/documents/access-document.pdf"><font</pre>
color="#0066cc">Patent Electronic System Access Document</font></a>
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font-size: 11pt; mso-ansi-language: EN-US; mso-fareast-font-family:
Calibri; mso-fareast-theme-font: minor-latin; mso-fareast-language:
EN-US; mso-bidi-language: AR-SA; mso-ascii-theme-font: minor-latin;
mso-hansi-theme-font: minor-latin; mso-bidi-font-family: "Times New
Roman"; mso-bidi-theme-font: minor-bidi; '><font
color="#000000">serves as a source document for additional
information on the components for accessing the patent electronic
system.</font><span style='line-height: 107%; font-
family: "Calibri", sans-serif; font-size: 11pt; mso-ansi-language:
EN-US; mso-fareast-font-family: Calibri; mso-fareast-theme-font:
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mso-ascii-theme-font: minor-latin; mso-hansi-theme-font: minor-
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language: AR-SA; mso-ascii-theme-font: minor-latin; mso-hansi-theme-
font: minor-latin; mso-bidi-font-family: "Times New Roman"; mso-
bidi-theme-font: minor-bidi;'><font color="#000000"><a</pre>
href="https://www.uspto.gov/sites/default/files/documents
/Patent%20Electronic%20System%20Subscriber%20Agreement.pdf">Patent
Electronic System Subscriber Agreement</a>
(Nov2018) & nbsp; for & nbsp; USPTO.gov Users for EFS-Web, PAIR, and
Patent Center    </font></span></fint></span>
 <pbe/div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></di>
</div></main><footer id="footer" class="page-footer"><p id="skip-
footer"><a href="#main" class="element-invisible element-
focusable">Skip footer and go to main content</a><span><div</pre>
class="region region-footer sg-esi--footer"><div</pre>
class="container"><div class="row footer-branding-row"><div</pre>
id="site-logo-footer" class="site-logo-region col-sm-12"><a
class="logo" href="/" target="_self" title="United States Patent and
Trademark Office - An Agency of the Department of Commerce"><span
class="sr-only">USPTO - United States Patent and Trademark
Office</span></a></div></div><div class="row footer-menu-row"><div
class="col-sm-3"><div class="region region-footer-first"> <nav</pre>
role="navigation" aria-labelledby="block-uspto-theme-menu-menu-
footer-first-menu-menu" id="block-uspto-theme-menu-menu-footer-
first-menu" class="block block-menu navigation menu--menu-footer-
first-menu"><h2 id="block-uspto-theme-menu-menu-footer-first-menu-
menu">Browse By Topic</h2><li
id="footer-menu_patents_footer_first" class="menu-item"> <a</pre>
href="/patent" data-drupal-link-system-
path="node/191435">Patents</a>>
menu_trademarks_footer_first" class="menu-item"> <a</pre>
href="/trademark" data-drupal-link-system-
path="node/191417">Trademarks</a>
resources_footer_first" class="menu-item"> <a href="/learning-
<u>resources</u>" data-drupal-link-system-path="node/191546">Learning & amp;
Resources</a><li id="footer-menu_about-the-uspto_footer_first"
class="menu-item"> <a href="/about-us" data-drupal-link-system-</pre>
path="node/160315">About the USPTO</a>
menu jobs footer first" class="menu-item"> <a
href="https://www.uspto.gov/jobs">Jobs</a>
menu_contact-us_footer_first" class="menu-item"> <a href="/about-
us/contact-us" data-drupal-link-system-path="node/160316">Contact
Us</a></div></div><div class="col-sm-3"><div
class="region region-footer-second"> <nav role="navigation" aria-</pre>
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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><li id="footer-
menu_accessibility_footer_second" class="menu-item"> <a</pre>
href="/using-usptogov/accessibility-uspto-website" data-drupal-link-
system-path="node/158662">Accessibility</a>>id="footer-
menu_privacy-policy_footer_second" class="menu-item"> <a</pre>
href="/privacy-policy" data-drupal-link-system-
path="node/158767">Privacy Policy</a>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 id="footer-menu_security_footer_second" class="menu-
item"> <a href="/about-us/security" data-drupal-link-system-</pre>
path="node/158417">Security</a>id="footer-menu_systems-
status_footer_second" class="menu-item"> <a</pre>
href="https://www.uspto.gov/blog/ebiz/">Systems Status</a>
</nav></div></div><div class="col-sm-3"><div class="region region-
footer-third"> <nav role="navigation" aria-labelledby="block-uspto-</pre>
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">
planning_footer_third" class="menu-item"> <a href="/about-</pre>
us/performance-and-planning" data-drupal-link-system-
path="node/160327">Performance and Planning</a>id="footer-
menu_freedom-of-information-act_footer_third" class="menu-item"> <a</pre>
href="/learning-and-resources/ip-policy/electronic-freedom-
information-act-e-foia" data-drupal-link-system-
path="node/159383">Freedom of Information Act</a>
id="footer-menu_information-quality-guidelines_footer_third"
class="menu-item"> <a href="/learning-and-resources/information-</pre>
quality-guidelines" data-drupal-link-system-
path="node/159086">Information Quality Guidelines</a>>
</nav></div></div><div class="col-sm-3"><div class="region region-
footer-fourth"> <nav role="navigation" aria-labelledby="block-uspto-</pre>
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>
class="menu">
class="menu-item"> <a</pre>
href="https://www.regulations.gov">Regulations.gov</a>li
id="footer-menu_stopfakes-gov_footer_fourth" class="menu-item"> <a</pre>
href="https://www.stopfakes.gov">StopFakes.gov</a>li
id="footer-menu_usa-gov_footer_fourth" class="menu-item"> <a</pre>
href="https://www.usa.gov">USA.gov</a>
menu_department-of-commerce_footer_fourth" class="menu-item"> <a</pre>
href="https://www.commerce.gov">Department of Commerce</a>li
id="footer-menu_strategy-targeting-organized-piracy_footer_fourth"
class="menu-item"> <a href="/ip-policy/enforcement-policy</pre>
/enforcement-resources" data-drupal-link-system-
path="node/186138">Strategy Targeting Organized Piracy</a>
</nav></div></div></div></div></span><span><div class="row"
region-footer-bottom sg-esi--footer-bottom"><div</pre>
class="container"><div class="col-md-12"><div class="footer-bottom-</pre>
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></div><div class="region region-
footer-social"> <nav role="navigation" aria-labelledby="block-</pre>
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">
class="menu-item"> <a href="https://www.facebook.com"</pre>
/uspto.gov"><span class="fab fa-facebook-square fa-2x"></span><span</pre>
class="sr-only">Facebook</span></a>
menu_instagram_footer_social" class="menu-item"> <a</pre>
href="https://www.instagram.com/uspto/"><span class="fab fa-</pre>
instagram fa-2x"></span><span class="sr-only">Instagram</span>
</a>id="footer-menu_linkedin_footer_social" class="menu-
item"> <a href="https://www.linkedin.com/company/uspto"><span</pre>
class="fab fa-linkedin fa-2x"></span><span class="sr-</pre>
only">LinkedIn</span></a><li id="footer-
menu_twitter_footer_social" class="menu-item"> <a</pre>
href="https://twitter.com/uspto"><span class="fab fa-twitter fa-2x">
</span><span class="sr-only">Twitter</span>id="footer-
menu_youtube_footer_social" class="menu-item"> <a</pre>
href="https://www.youtube.com/user/USPTOvideo"><span class="fab fa-</pre>
youtube fa-2x"></span><span class="sr-only">YouTube</span></a>>
</nav></div></div></div></div></div></div></div></div
region"><div class="container"><div class="col-md-12"><span</pre>
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and-resources/support-centers/patent-electronic-business-center"
data-toggle="modal" data-target="#modalFeedback" title="Provide
feedback on this webpage.">eGovernment</a>.</span> <span</pre>
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"</pre>
class="modal fade" role="dialog" tabindex="-1"><div class="modal-</pre>
dialog modal-md" role="document"><div class="modal-content"><div</pre>
class="modal-header"><button type="button pull-right" class="close"</pre>
data-dismiss="modal"><span aria-hidden="true">&times;</span><span</pre>
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</pre>
class="feedback-wrapper modal-body"><input type="hidden"</pre>
name="reference_id" id="reference_id"><input type="hidden"</pre>
name="form_number" id="form_number" value="7"><label</pre>
for="feedback">Write your message<span style="color: red">*</span>
</label><br><textarea name="feedback" minlength="5" cols="60"</li>
rows="10" id="feedback" required></textarea><div id="error-</pre>
message" class="error"></div>We may have questions about your
feedback, please provide your email address.<label>Email
address<span style="color: red">*</span><input id="feedback-email"</pre>
maxlength="254" size="35" type="email" name="Email" required>
</label><br/>div id="error-message-mail" class="error"></div>
<em>For other assistance, please see our <a href="/about-</a>
us/contact-us" target="new">contact us</a> page.<input</pre>
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</pre>
class="btn btn-primary" type="submit">Send Feedback</button><button</pre>
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class="btn btn-default" data-dismiss="modal" ariahidden="true">Cancel</button></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></di> </div> <script src="/sites/default/files /js/js fKTTHC2fcuzL8fTRJKKIs4IwalyevwXZ0e-fclECcNo.js"></script> <script src="/profiles/uspto gov/themes/uspto/js/uspto-</pre> scripts.js?qmaklz"></script><script src="/profiles/uspto_gov/themes</pre> /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-sectionlanding.js?qmaklz"></script><script src="/profiles/uspto_gov/themes</pre> /uspto/js/jquery.pajinate.js?qmaklz"></script><script src="/sites"</pre> /default/files /js/js_Fvz0l_VivRcvycHBTKFlXZhzWA_8FoU9VWyBZF_0_GY.js"></script> <script src="/profiles/uspto gov/modules/uspto icon plugin</pre> /js/iconathon.js?qmaklz" defer></script><script src="/sites/default"</pre> /files/js/js 4DlhSSChGQfhTOjHn7sFOiNl5kPLNXNTLldDEAA9A1w.js"> </script></body></html>