

UNITED STATES  
PATENT AND TRADEMARK OFFICE



# USPTO and the Tech Hubs

Elizabeth Dougherty, Eastern Regional Outreach Office – Director

Mary Fuller, Western Regional Office – Regional Director

Molly Kocialski, Rocky Mountain Regional Office – Regional Director

Hope Shimabuku, Texas Regional Office - Regional Director

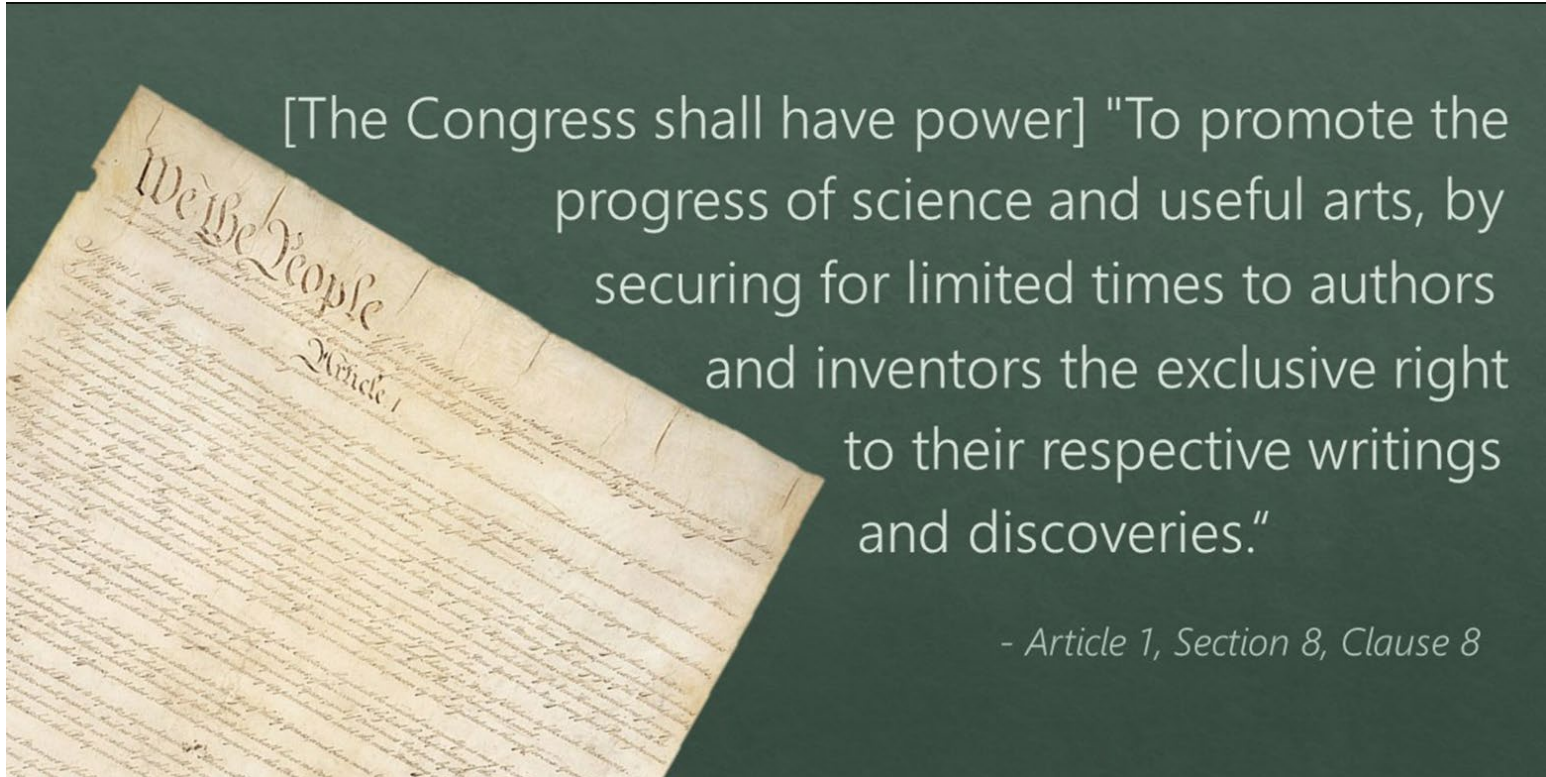
Tech Hubs Weekly Webinar

1.31.24



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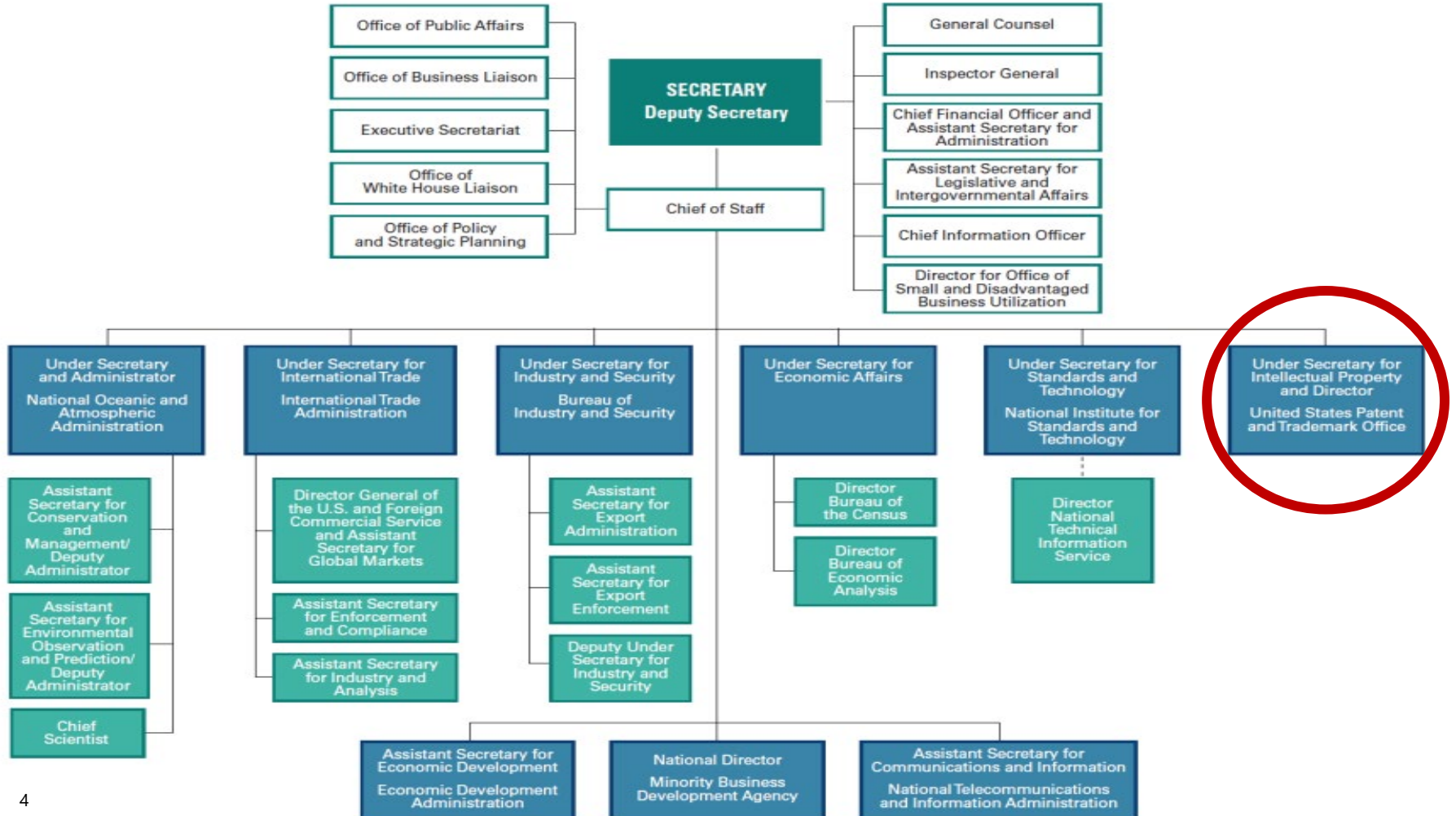
# IP rights found in the US Constitution



[The Congress shall have power] "To promote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries."

- Article 1, Section 8, Clause 8

# We're Part of the U.S. Department of Commerce!



# The USPTO in FY2023

## 13,452 employees

- **8,568** patent examiners
- **756** trademark examining attorneys
- **225** administrative patent judges
- **28** administrative trademark judges

## Patents

- **650,519** applications filed
- **346,152** patents issued

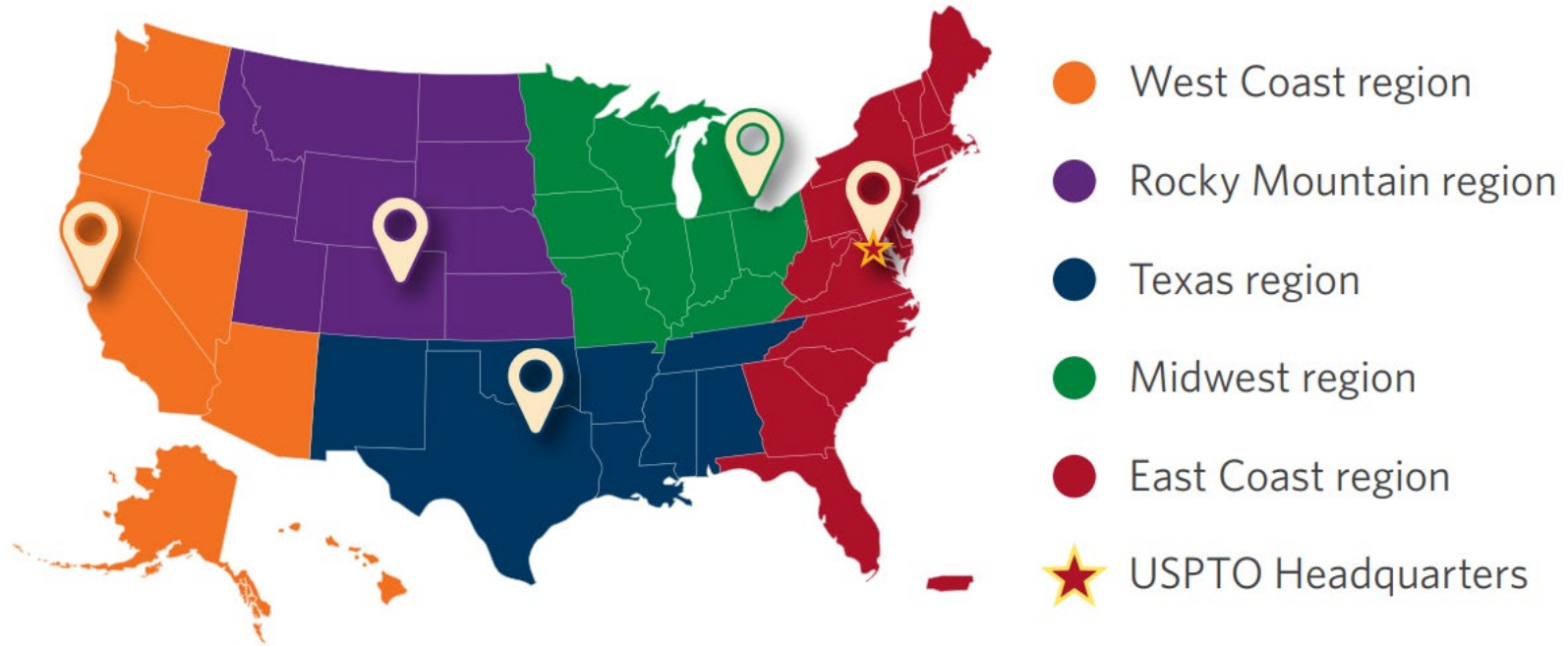
## Trademarks

- **737,018** trademark applications
- **414,043** certificates of registration

USPTO headquarters in  
Alexandria, VA



# USPTO Regional Offices



**COMING  
SOON!**

Southeast Regional Office  
In Atlanta, GA



# USPTO regional office and outreach leadership



**Hope Shimabuku**  
Texas  
Regional Office  
*Dallas, Texas*



**Mary Fuller**  
Silicon Valley  
Regional Office  
*San Jose, California*



**James Wilson**  
(Acting)  
Midwest  
Regional Office  
*Detroit, Michigan*



**Molly Kocalski**  
Rocky Mountain  
Regional Office  
*Denver, Colorado*



**Elizabeth Dougherty**  
Eastern Regional  
Outreach Director  
*Alexandria, Virginia*



# Leveraging IP for Business Success



# IP and the U.S. Economy

**63 million jobs**

44% of all U.S. jobs were in IP Intensive Industries (2019)

**~50%**

IP Intensive Industries share of Total U.S. GDP (2019)

**\$7.8 trillion**

GDP contribution of IP-intensive industries (2019)

**\$1,517/week**

(60% higher)

Avg. weekly wages for workers in IP-intensive industries

**~33% of all jobs**

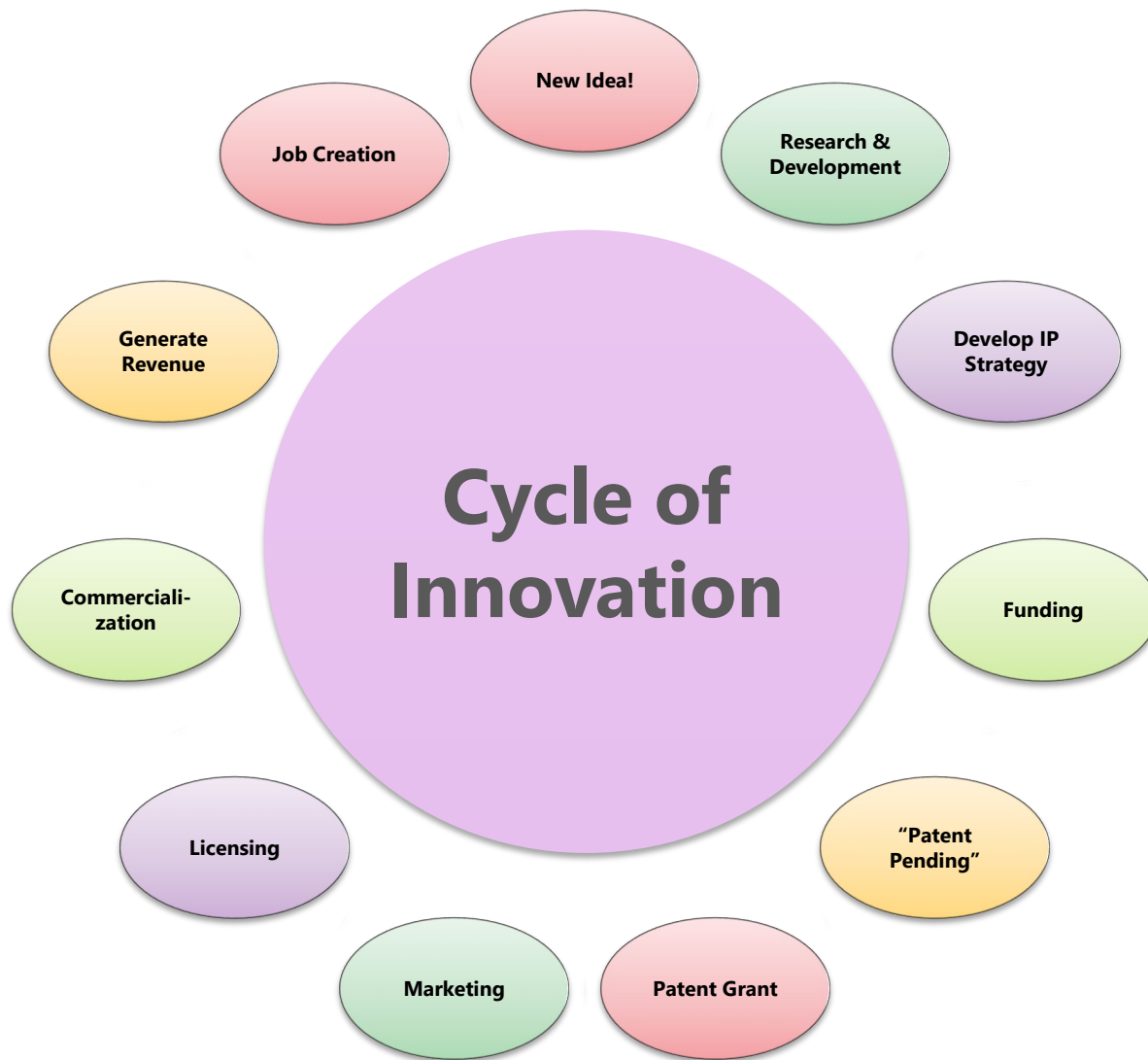
>47M U.S. jobs supported by IP-intensive industries (2019)

**15.5 million**

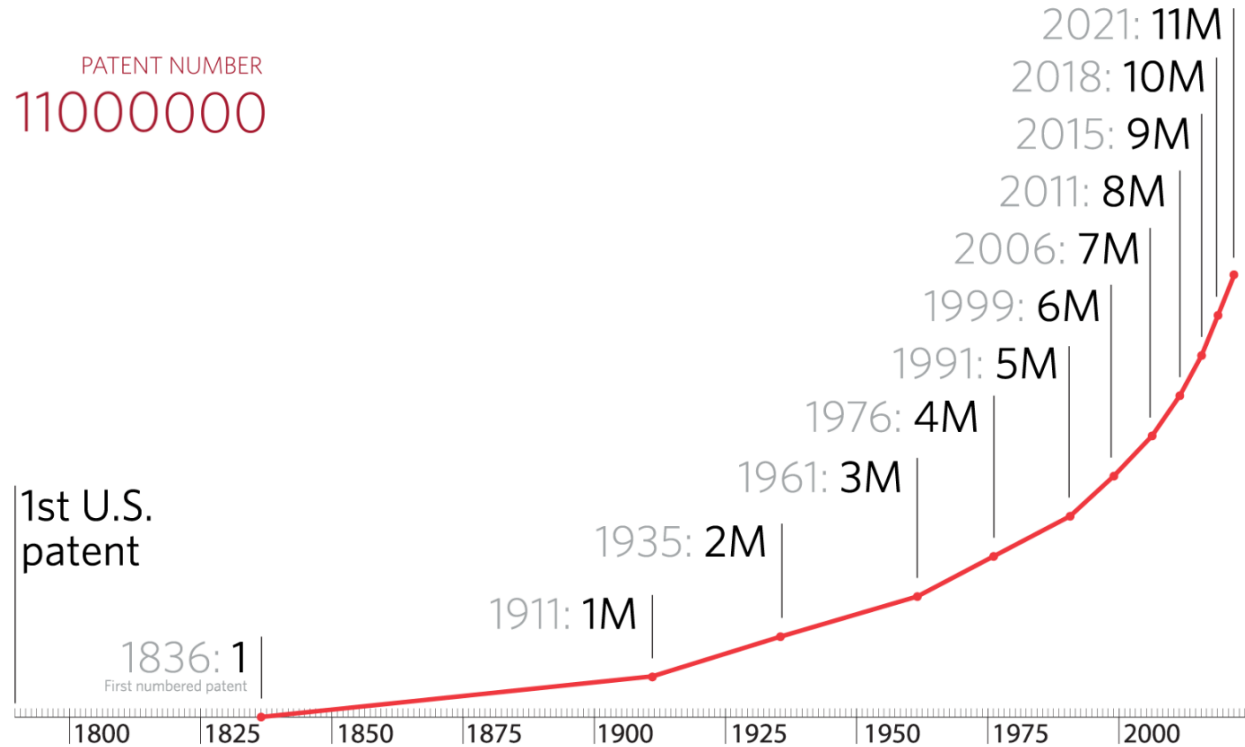
Industry jobs supplying intermediate goods and services (2019)

Sources: Department of Commerce. 2016. "Intellectual Property and the U.S. Economy: 2016 Update". September 26. [www.uspto.gov/sites/default/files/documents/IPandtheUSEconomySept2016.pdf](http://www.uspto.gov/sites/default/files/documents/IPandtheUSEconomySept2016.pdf) (January 3, 2018).  
"Intellectual Property and the U.S. Economy: 2019 Update" (March 17, 2022) [www.uspto.gov/sites/default/files/documents/uspto-ip-us-economy-third-edition.pdf](http://www.uspto.gov/sites/default/files/documents/uspto-ip-us-economy-third-edition.pdf)





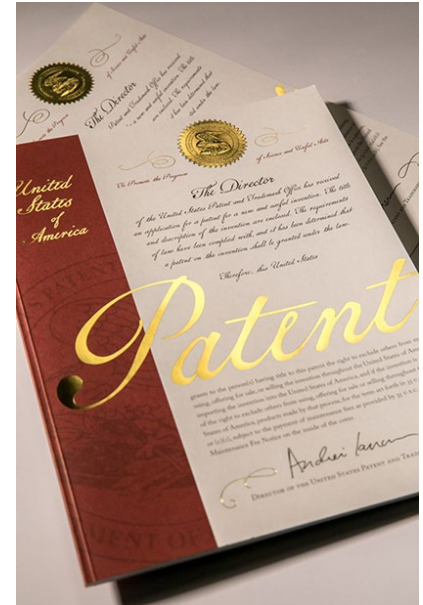
# Growth of patents



# First patent grant advantages

Five years from first patent

- 36% employment increase
- 51% increase in sales growth



# First patent grant advantages

- Increases likelihood of additional patents
- Increases quality of patents
  - Number of citations to patents increases 26%
- Facilitates access to capital
- Rewards investors

# Facilitate Access to Funding

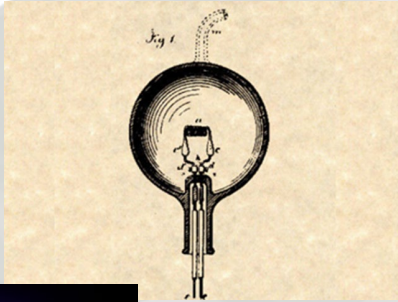
- 53% increase in probability of VC funding
- Small increase in likelihood of seed round
- 47% increase in probability of 2nd round of funding

# Value upon Dissolution

- Extraction of value possible even at the end of business lifecycle
- *Example:* Jawbone – estimated value of assets between \$25 and \$40 million

# 4Ws of an IP Strategy





**Intellectual**



**Property**

uspto®

# Intellectual property



Patent



Trademark



Copyright



Trade Secret

# IP strategy is a business strategy

- Attractive to investors and buyers
- Deters infringement lawsuits
- Can increase leveraging power
  - Mergers and acquisitions
  - Canary in the coal mine
- Property right that can add value to a company
- Global

## Intellectual Property (IP) Considerations for Your Business

Have you established the following IP programs to identify, protect, and use the IP that you develop?

- Invention Harvesting or Mining System
- Invention Disclosure System
- Licensing/IP Monetization Strategy
- Enforcement Strategy
- IP Portfolio Management System
- Trade Secret Theft Program

Have you thought about how you will deal with IP ownership in the following employment contexts?

- Former employees
- Current employees
  - Including those who may have multiple jobs or own their own business.
  - Including potential employees under a non-compete agreement
- Contractors
  - Work for Hire
  - Joint Developments

Have you thought about the IP rights you need to operate your business in the following con-

- |   |  |
|---|--|
| <input type="checkbox"/> Software licenses  | <input type="checkbox"/> Intellectual Property licenses  |
| <input type="checkbox"/> Joint Development Agreements <ul style="list-style-type: none"><li>- With universities and non-profits</li><li>- With Federal, state, and local governments</li><li>- With other companies</li></ul> | <input type="checkbox"/> Procurement agreements and purchase orders with suppliers and vendors |
|   | <input type="checkbox"/> Intellectual Property Insurance                                       |
|   | <input type="checkbox"/> Non-disclosure agreements   |

## Intellectual Property (IP) Considerations for Your Business

Have you looked at IP rights when you are purchasing or selling a company or a line of business?

- Transferred (received or sold) intellectual property assets and the associated rights
- Chain of title for the intellectual property asset
- Representations and warranties securing the intellectual property right
- Third party rights encumbering the intellectual property asset
- Software licenses and rights transferred with the software license

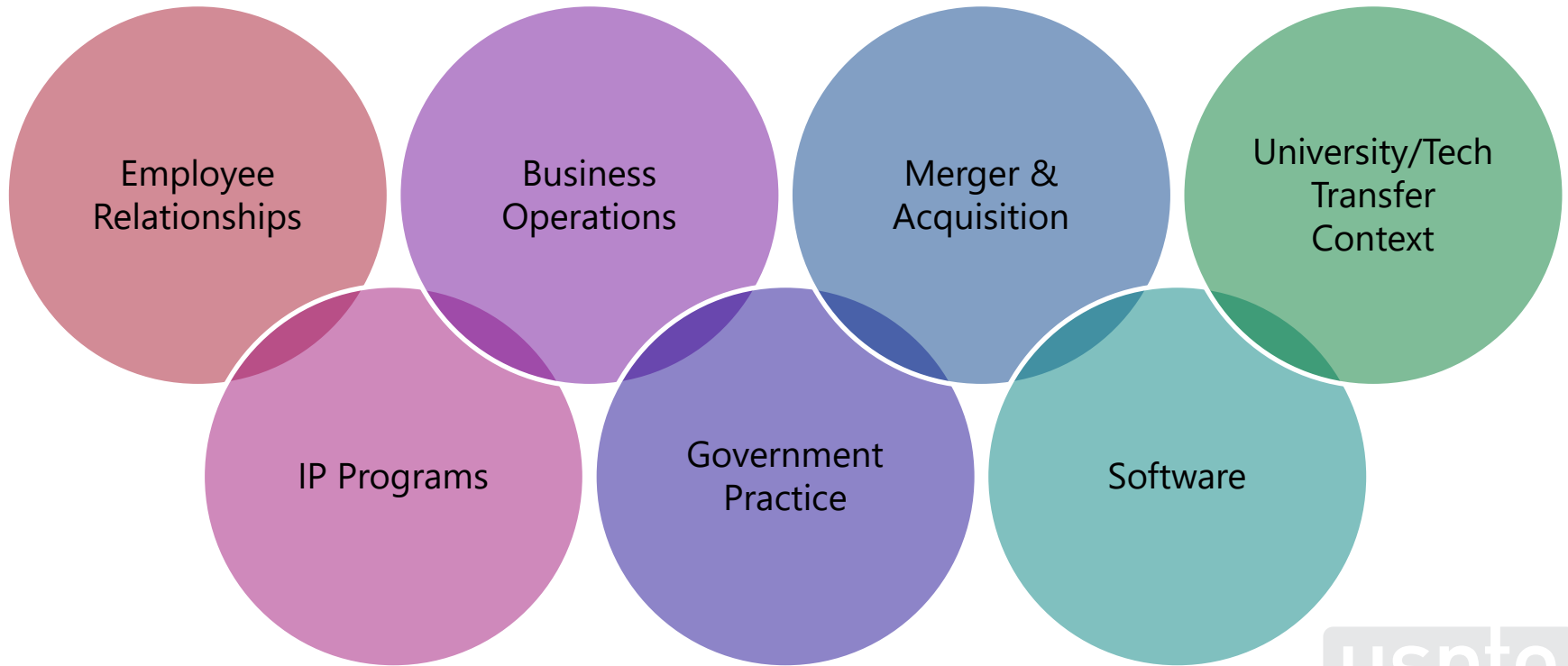
Are you working with a university or a government entity and have you considered IP ownership in the following context?

- Joint Development Agreements
- Government license and march-in rights
- Technology transfer ability
- Ownership of work developed by professors and students (undergraduate & graduate)
- Technology developed under secrecy orders

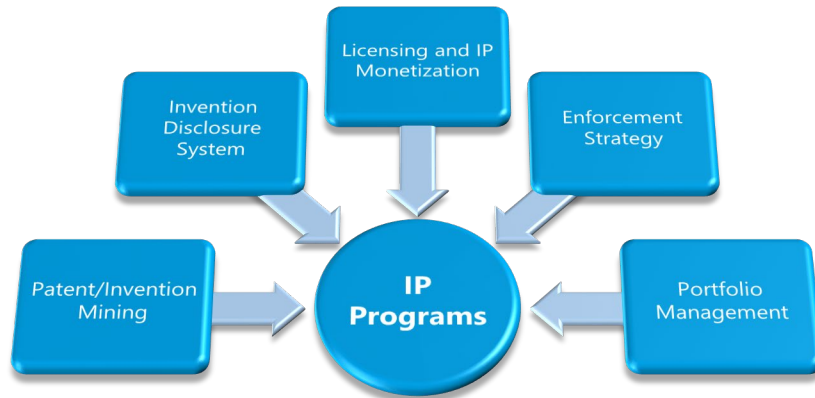
What are your intellectual property obligations for the software that you purchased or licensed?

- Audits and reporting requirements
- Usage of open source software
- Clickwrap Agreements
- Shrinkwrap Licenses
- Development projects and software code development with mix of new and licensed software

# Where do IP rights come into play?

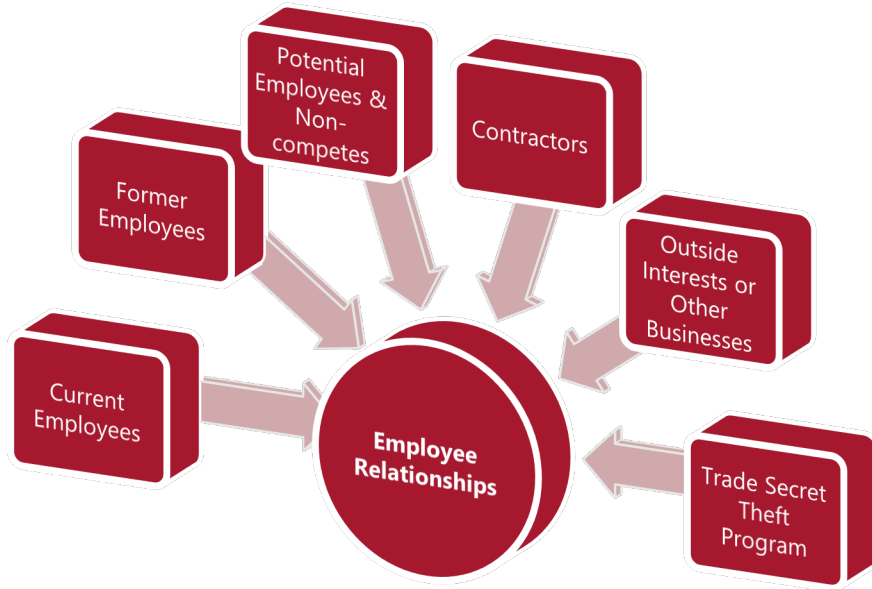


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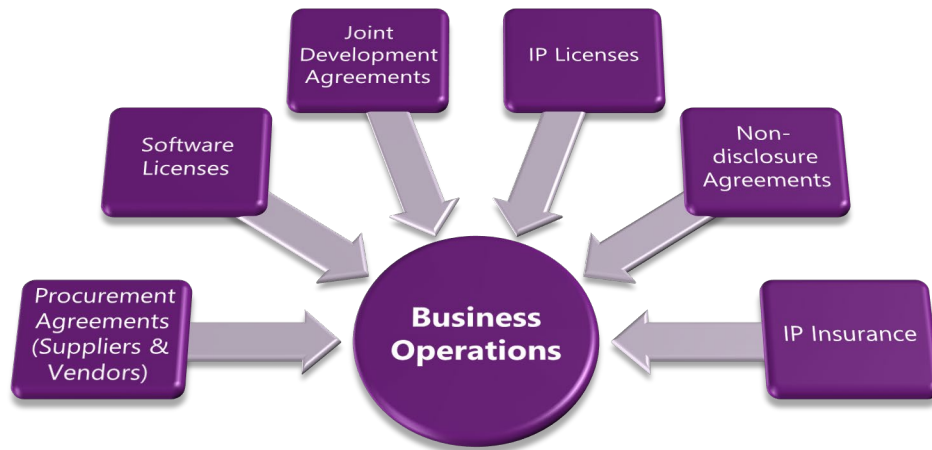
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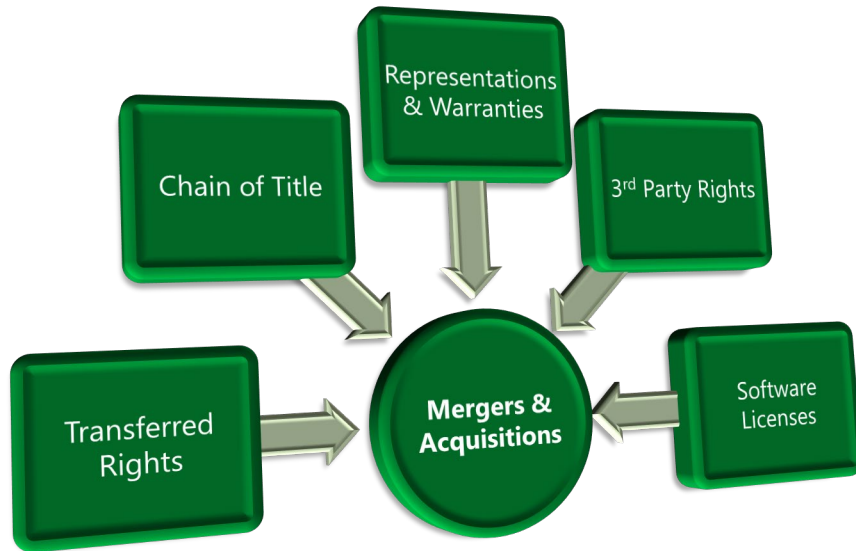
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  - With other companies
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- Intellectual Property Insurance
- Non-disclosure agreements



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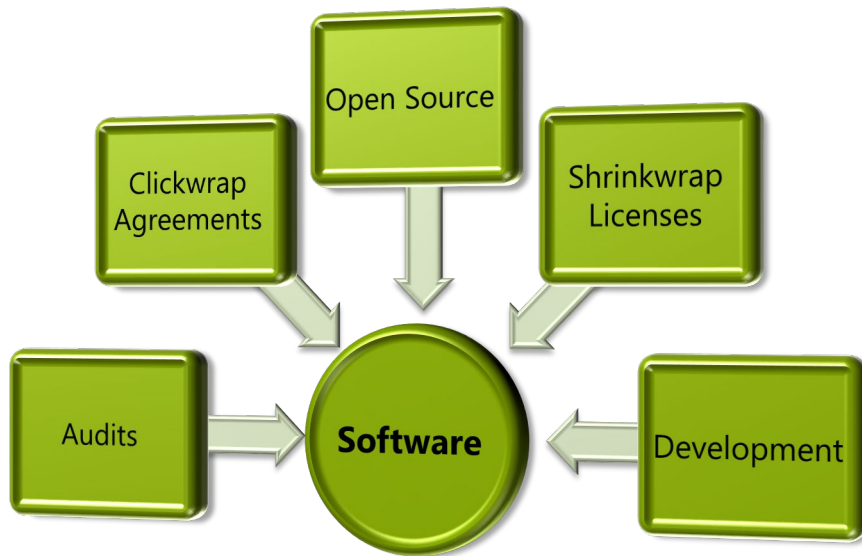
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# USPTO Resources

# What's next on your IP Journey?

- Use the **IP Identifier** to:
  - Identify your type of IP assets by answering six brief questions
  - Learn basic information about your identified IP
  - Save the information from your session and a tailored list of resources in a PDF format
  - Access links to other helpful information and resources
  - <https://IPIdentifier.uspto.gov>

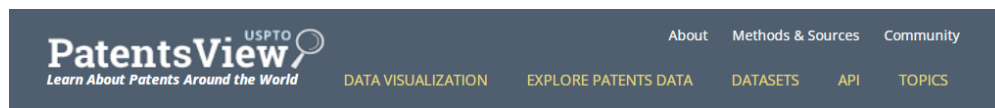
A screenshot of the USPTO Intellectual Property Identifier website. The header includes the USPTO logo and navigation links for "About Us", "Careers", and "Contact Us". The main heading is "IP Identifier: Learn to identify and protect your intellectual property". The page is divided into several sections: "Welcome" with links for "Basic IP Identifier", "Advanced IP Identifier", and "Tips for managing your IP assets"; "Feedback" with a survey link; "Need Help?" with a technical support email link; and "Where do I start?" which contains introductory text and two radio button options: "No, I don't know what types of IP I have" and "Yes, I do know what types of IP I have". A disclaimer is located at the bottom of the page.

# PatentsView

PatentsView provides:

1. Patent Visualization
2. Community Collaborative
3. API Tool
4. Data Query Builder
5. Bulk Data Download

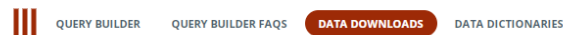
<https://patentsview.org/>



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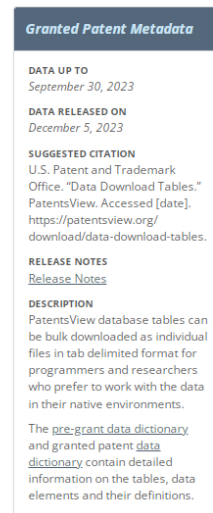
About Methods & Sources Community

DATA VISUALIZATION EXPLORE PATENTS DATA DATASETS API TOPICS



||| QUERY BUILDER QUERY BUILDER FAQS DATA DOWNLOADS DATA DICTIONARIES

## Data Download Tables



**Granted Patent Metadata**

**DATA UP TO**  
September 30, 2023

**DATA RELEASED ON**  
December 5, 2023

**SUGGESTED CITATION**  
U.S. Patent and Trademark Office. "Data Download Tables." PatentsView. Accessed [date]. <https://patentsview.org/download/data-download-tables>.

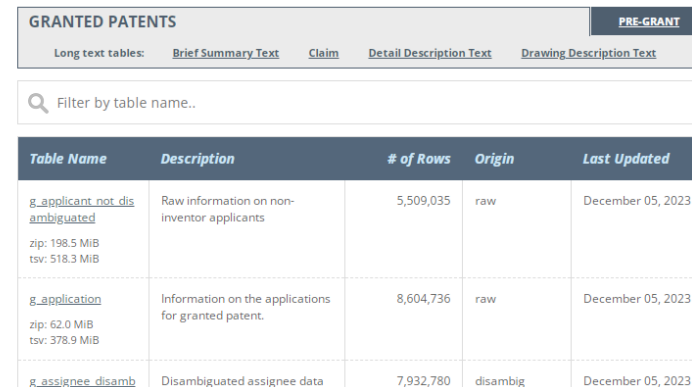
**RELEASE NOTES**  
[Release Notes](#)

**DESCRIPTION**  
PatentsView database tables can be bulk downloaded as individual files in tab delimited format for programmers and researchers who prefer to work with the data in their native environments.

The [pre-grant data dictionary](#) and granted patent [data dictionary](#) contain detailed information on the tables, data elements and their definitions.

### About Bulk Download Database Tables

PatentsView offers publicly accessible patent research data sets with detailed documentation. PatentsView database tables can be bulk downloaded as individual files in a tab-delimited format for programmers and researchers who prefer to work with the data in their native environments.



**GRANTED PATENTS** PRE-GRANT

Long text tables: [Brief Summary Text](#) [Claim](#) [Detail Description Text](#) [Drawing Description Text](#)

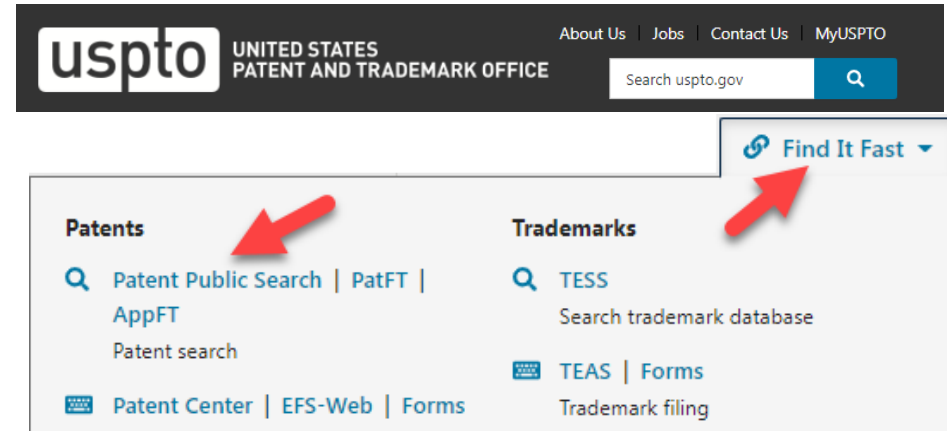
Filter by table name..

Table Name	Description	# of Rows	Origin	Last Updated
<a href="#">g_applicant_not_disambiguated</a> zip: 198.5 MIB tsv: 518.3 MIB	Raw information on non-inventor applicants	5,509,035	raw	December 05, 2023
<a href="#">g_application</a> zip: 62.0 MIB tsv: 378.9 MIB	Information on the applications for granted patent.	8,604,736	raw	December 05, 2023
<a href="#">g_assignee_disamb</a>	Disambiguated assignee data	7,932,780	disambig	December 05, 2023



# Patent Public Search

- Visit us at [www.uspto.gov](http://www.uspto.gov)
- Patent Public Search — a web-based patent search application with modern interfaces that provide enhanced access to prior art.
- Click on Help, FAQs, and training materials to learn more.



# Path to a Patent

- **Path to a Patent:** this free training series covers everything from intellectual property basics, to patent searching, to what you'll need to draft and submit your application.



About



Learn more about the AccessUSPTO mission to conduct customized education and outreach to participating national organizations and the public.

- > Mission statement
- > Meet the team

IP starter toolkit



Discover existing intellectual property and entrepreneurial resources to get your members started in the right direction.

- > AccessUSPTO resources
- > Inventor and entrepreneur resources
- > Patent and trademark practitioners
- > Startup resources

IP training and events



Take advantage of the USPTO's many ongoing IP events and trainings that are designed for aspiring creators, entrepreneurs, and inventors.

- > **Online Path to a Patent program**
- > Online Trademark Basics Boot Camp
- > In-person patent and trademark boot camps for internet deserts
- > Browse all events

Speaker requests



We welcome requests for USPTO executives to speak to the public about our priorities and initiatives. Please complete our speaker request form to start a request:

[Speaker request form](#)





# One-Day Trademark Bootcamps



## About



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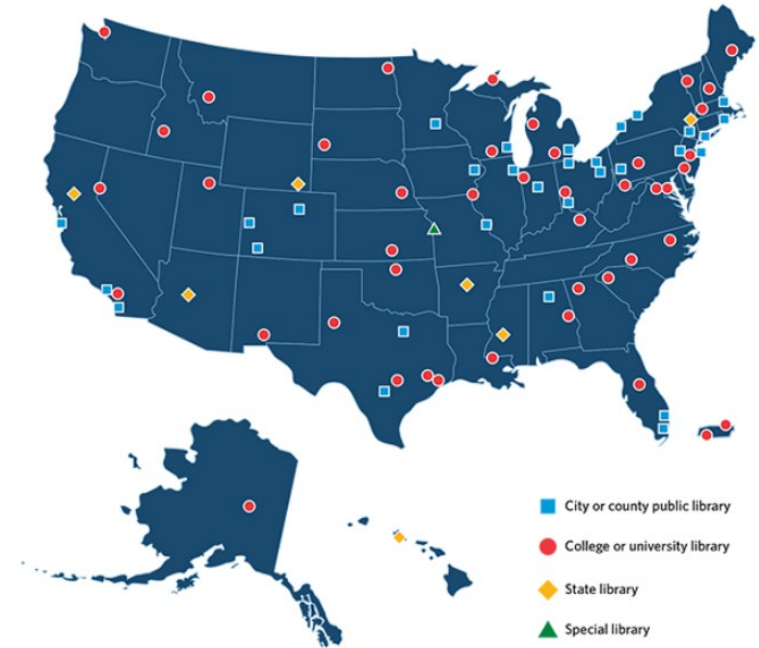
# AccessUSPTO

- Collaborates with national organizations whose members have intellectual property needs and connects them to USPTO's free services that can help them grow their business.
- [www.uspto.gov/accessuspto](http://www.uspto.gov/accessuspto)



# Patent and Trademark Resource Centers (PTRCs)

- PTRC program administers a nationwide network of public, state, and academic libraries designated to:
  - Disseminate patent and trademark information.
  - Support diverse IP needs to the public
- PTRC library representatives can:
  - Provide access to resources.
  - Explain application process and fee schedule.
  - Demonstrate patent and trademark search tools.
  - Offer classes on IP.
  - Assist to do historical research on patents and trademarks.
  - And much more.
- [www.uspto.gov/ptrc](http://www.uspto.gov/ptrc)



**New Mexico** – Las Cruces

**Texas** – Austin; College Station; Dallas; Houston; Lubbock; and San Antonio

**Oklahoma** – Stillwater

**Arkansas** – Little Rock

**Louisiana** – Louisiana Invents

**Mississippi** – Jackson

**Alabama** – Auburn; Birmingham

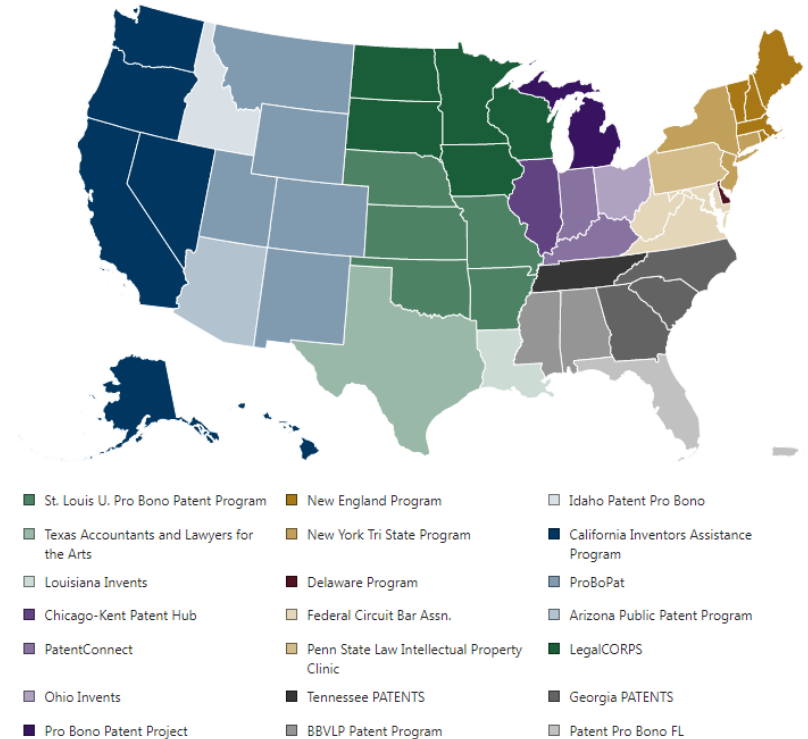
# Law school clinics

- Over 60 clinics that provide legal services pro bono to the public including to inventors, entrepreneurs, and small businesses
- Clinics provide patent and/or trademark legal services to qualified members of the public who are accepted as a client of a clinic.
- The Law School Clinic Certification Program allows students enrolled in a participating clinic program to practice before the USPTO under the strict guidance of a law school faculty clinic supervisor.
- Email: [LawSchoolInformation@uspto.gov](mailto:LawSchoolInformation@uspto.gov)
- <https://www.uspto.gov/learning-and-resources/ip-policy/public-information-about-practitioners/law-school-clinic-1>



# USPTO Patent Pro Bono Program

- Free legal assistance in preparing and filing a patent application for independent inventors and small business
- A nationwide network of independently operated programs that match volunteer patent professionals with financially under-resourced inventors and small businesses
- Each regional program provides services for residents of one or more states.
- Requirements includes income, knowledge, and invention.
- Email: [probono@uspto.gov](mailto:probono@uspto.gov) for more information



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