

Patexia



March 2025

# Patent Prosecution 2025

## Intelligence Report

January 2020 — December 2024

A comprehensive report on the **Best Performing** and **Most Active** Patent Prosecution Law Firms.

# Table of Contents.

<b>Introduction</b>	<b>4</b>
Scope and Methodology	4
Who Can Use This Report and How?	5
<b>What's in the 2025 Edition?</b>	<b>6</b>
Report Contents	6
<b>Executive Summary</b>	<b>7</b>
<b>Section 01: Patent Statistics</b>	<b>9</b>
Activity by Patent Type	10
Activity by Technology Center	11
Time to Grant for Different Fields of Innovation	12
General Filing and Issuance Trends	13
High-tech and Biotech Activity	14
The Activity of Foreign Companies in the U.S.	16
Most Inventive Cities and States in the U.S.	17
Fastest Growing and Declining Countries by Patents	20
USPTO by Count	23
USPTO by Average	24
Technology Centers and Art Units	24
<b>Section 02: Companies</b>	<b>26</b>
Best Performing Companies in High-Tech, Biotech, and Overall	27
Most Active Companies in High-Tech, Biotech, and Overall	37
<b>Section 03: Law Firms</b>	<b>47</b>
Best Performing Law Firms in High-Tech, Biotech, and Overall	48
Most Active Law Firms in High-Tech, Biotech, and Overall	58

<b>Section 04: Patent Attorneys and Agents</b>	<b>68</b>
Best Performing Attorneys in High-Tech, Biotech and, Overall	69
Most Active Attorneys in High-Tech, Biotech, and Overall	79
Lateral Moves	89
<b>Section 05: Growing or Shrinking in 2024</b>	<b>92</b>
Companies with the Largest Growth or Decline in 2024	93
Patent Firms with the Largest Growth or Decline in 2024	98
<b>Section 06: Methodology</b>	<b>102</b>
Entity Name Resolution	103
Including Interviews as an Activity Indicator	103
Defining and Measuring Important Qualities	104
Important Signals	104
Normalization and Noise Removal	105
Scope of Analysis and Timeline	106
Data Sources	107
<b>Appendices</b>	<b>108</b>
Appendix A: Technology Centers and Art Units Stats	109
Appendix B: Best Performing and Most Active Badges	110
Appendix C: Top 2,000 Best Performing Companies	111
Appendix D: Top 2,000 Best Performing Law Firms	112
Appendix E: Top 2,000 Best Performing Attorneys	113
<b>Contact Us</b>	<b>114</b>
Our Solutions	115

# Introduction.

In an era defined by rapid technological advancement, geopolitical realignments, and unprecedented competition for innovation leadership, the patent prosecution landscape has become both a barometer of progress and a battleground for strategic advantage. The 2025 Patent Intelligence Report analyzes this dynamic ecosystem, offering stakeholders—from IP attorneys and corporate strategists to policymakers and R&D leaders—a data-driven roadmap to adjust in a changing environment, mitigate risk, and capitalize on emerging opportunities.

In 2024, the U.S. economy demonstrated steady growth, with real GDP [increasing by 2.8%](#) from the previous year. This expansion was driven by strong consumer spending, increased investment, higher government expenditures, and a rise in exports, though imports also saw an uptick. The intellectual property sector also experienced growth, with both the number of published patent applications and issued patents increasing in 2024. This trend underscores continued

innovation across industries, as companies and inventors pursued protections for new technologies and advancements.

A notable development this year is the leadership transition at the U.S. Patent and Trademark Office (USPTO). Kathi Vidal, who has served as USPTO Director since 2022, announced her resignation, with Coke Morgan Stewart stepping in as Acting Director. The Trump administration has nominated John Squires as the new USPTO Director, pending Senate confirmation. This leadership change could influence future policies and examiner guidelines, potentially impacting the patent landscape in the coming years.

At Patexia, we are committed to delivering data-driven insights that help law firms, companies, and attorneys staying ahead in the dynamic patent landscape. By leveraging extensive data from the USPTO, we empower stakeholders to make informed decisions in an increasingly competitive environment.

## Scope and Methodology

This year's report is built on extensive data from the USPTO, the Patent Trial and Appeal Board (PTAB), and PACER, providing a comprehensive analysis of patent prosecution trends. Our study examines over **2.2 million** patent applications, evaluating key factors such as attorney activity, firm performance, and corporate patenting strategies to offer a data-driven assessment of the intellectual property landscape.

To further enhance the accuracy and reliability of our rankings, we have refined our methodology by improving entity name resolution, expanding interview tracking, and refining performance metrics. These enhancements allow for a more precise evaluation of individual attorneys, firms, and companies while accounting for external factors such as examiner assignments, subject matter variations, and corporate filing

strategies. By integrating quantitative performance measures and leveraging advanced data science techniques, we aim to provide stakeholders—including law firms, corporations, and IP professionals—with the tools to turning patent data into actionable intelligence for industry leaders.

For a detailed explanation of our methodology, including ranking criteria, performance factors, and normalization techniques, refer to Section 6 of this report or visit our [online methodology](#) guide.

## Who Can Use This Report and How?

This report is an essential resource for law firms, corporate IP teams, individual practitioners, and business leaders seeking data-driven insights into the patent landscape. It can be used to **benchmark performance**, **track industry trends**, and **identify strategic opportunities**.

- **Law firms and attorneys** can assess their standing, evaluate competitors, and uncover lateral move opportunities.
- **Companies and IP teams** can monitor patenting activity, identify emerging players, and track the growth or decline of competitors.

- **Investors and analysts** can analyze trends in innovation, spot high-growth firms, and assess market shifts.
- **Recruiters and business development professionals** can use the data to pinpoint talent movement, firm expansion, and potential collaborations.

By leveraging the latest data and analytical methods, this year's Patent Intelligence Report provides a comprehensive view of the patent ecosystem, empowering stakeholders to make informed, strategic decisions.



A handwritten signature in black ink that reads "Pedram Sameni".

*Pedram Sameni*  
Founder and CEO

# What's in the 2025 Edition?

Now in its seventh year, the Patent Intelligence Report continues to provide in-depth insights into patent prosecution trends by analyzing diverse datasets. This edition examines various aspects of the patent landscape, including application types, technology centers, time to grant across different fields, and annual filing and issuance trends. It highlights activity in high-tech and biotech sectors, the role and shifts of foreign companies and countries, and identifies the most inventive cities and states in the U.S. Beyond filing trends, the report provides a comprehensive evaluation of activity and perfor-

mance, ranking all stakeholders, including companies, law firms, and attorneys/agents.

This year's report consists of two files: this detailed PDF with comprehensive statistics and an Excel file containing all data and metrics covering technology centers, art units, and the top 2,000 most active attorneys, agents, law firms, and companies. It also includes insights into lateral moves among the top 2,000 most active attorneys, as well as rankings of the top 50 companies and firms based on their growth or decline in patents issued in 2024 compared to 2023.

## Report Contents

We have organized this report under the following six sections:

- 1 **Patent Statistics:** We look at the patent prosecution data at a high level, providing statistics related to the *USPTO*, *Technology Centers*, *Art Units*, *Examiners*, *Attorneys/Agents*, *Law Firms*, and *Corporations*.
- 2 **Companies:** We identify the most active *Companies* in *biotech*, *high-tech*, and *overall* to measure their *success*, *quality*, and *performance*.
- 3 **Law Firms:** We analyze the *performance* and *activity* of law firms, comparing and providing rankings for the top firms representing *biotech*, *high-tech*, and *overall*.
- 4 **Patent Attorneys and Agents:** We analyze the *performance* and *activity* of attorneys/agents, comparing and providing rankings for the top attorneys representing *biotech*, *high-tech*, and *overall*.
- 5 **Growing or Declining:** We cover the firms and companies with the largest growth or decline in patent prosecution.
- 6 **Methodology:** We explain our method to measure the correct signals related to *performance*, *activity*, *success*, *efficiency*, and *quality* for all stakeholders in patent prosecution.

Similar to our other IP Insights reports, to have a meaningful comparison and also to compensate for the 18-month delay for an application to be published, we compiled the data for this study through a period of five years (e.g., January 1, 2020, through December 31, 2024).

# Executive Summary.

This year's analysis covers a five-year period from January 1, 2020, to December 31, 2024, examining 1,848,450 patents issued and 2,097,958 applications published by the USPTO. During this time, 2,215,201 applications were either abandoned or allowed, with a total of 27,938,007 claims granted. The overall allowance rate for examined applications was 83.87%. Of the issued patents, 89.37% (1,651,882) were utility patents, 10.05% (185,689) were design patents, and 0.27% (5,068) were plant patents. Additionally, 906,698 patents were classified as high-tech, while 104,694 fell under biotech, based on their respective technology centers.

Over the past five years, U.S.-based entities have been the most active patentees before the USPTO, securing 51.8% of all newly granted patents. In 2024, the share of patents granted to foreign entities increased, reaching 50.5%. On average, throughout the study period, foreign entities received 93 patents for every 100 granted to U.S. entities. Among them, Japanese organizations led, accounting for 12.73% of all patents. China saw strong patent growth, with a year-over-year increase of 14.51%, maintaining its second-place position. Notably, Saudi Arabia recorded the highest year-over-year growth (19.34%) among the 190 countries listed as assignees in patent applications during this period.

In the high-tech category, Taiwan Semiconductor Manufacturing Company secured the top spot with a performance score of 92.62%, followed closely by Ofinno Technologies LLC at 92.50% and Comcast at 92.46%. In biotech, Pacific Biosciences led

with a score of 97.26%, followed by Amicus Therapeutics Inc. at 96.78% and Honeywell International at 95.56%. Overall, Ofinno Technologies LLC ranked first with a performance score of 94.86%, while Comcast placed second at 94.72%, and Taiwan Semiconductor Manufacturing Company ranked third at 94.27%. Samsung Electronics was the most active company overall and in high-tech, with 44,139 patents (excluding design patents), 37,640 of which were in high-tech. International Business Machines ranked second overall with 29,747 patents, including 25,751 in high-tech, making it the second most active company in that category. LG Electronics placed third overall with 22,956 patents, while Taiwan Semiconductor Manufacturing Company ranked third in high-tech with 14,665 patents. In biotech, Roche led with 1,352 patents, followed by Johnson & Johnson with 826 and Bristol Myers Squibb with 715.

Harrity & Harrity was the top-performing law firm in high-tech, earning a performance score of 92.41%. It was followed by Haynes and Boone LLP and Kowert, Hood, Munyon, Rankin & Goetzel, with scores of 90.71% and 90.48%, respectively. In the biotech sector, McBee, Moore & Vanik IP LLC led with a performance score of 95.52%, while Innovar LLC and M&B IP LLC ranked second and third with scores of 93.13% and 92.64%, respectively. Overall, Harrity & Harrity, Slater Matsil, and Haynes and Boone LLP secured the top three positions with performance scores of 92.06%, 90.76%, and 90.59%, respectively. For high-tech, Fish & Richardson, Sughrue Mion, and Oblon, McClelland, Maier & Neus-

tadt LLP secured the top three spots with 15,265, 13,232, and 10,898 patents, respectively. In biotech, Fish & Richardson led with 2,169 patents, followed by Wolf, Greenfield & Sacks with 1,784 and Foley & Lardner LLP with 1,716. Overall, Fish & Richardson, Sughrue Mion, and Oblon, McClelland, Maier & Neustadt LLP remained the top three firms, with 25,510, 21,811, and 20,837 patents (excluding design patents), respectively.

In high-tech, Roger C. Knapp of Slater Matsil and Joseph B. Ryan of Ryan, Mason & Lewis led the rankings with performance scores of 93.13% and 93.02%, respectively. They were followed by David M. O'Dell of Haynes and Boone LLP, who ranked third with a score of 92.91%. For biotech, Dean G. Stathakis of UltimatEdge IP Law Group was the top-performing attorney with a performance score of 96.24%, followed by Rory P. Alegria of Servilla Whitney (96.08%) and Yuefen Zhou of Procopio, Cory, Hargreaves & Savitch (95.56%). Overall, David M. O'Dell of Haynes and Boone LLP ranked first with a performance score of 93.51%. Joseph B. Ryan of Ryan, Mason & Lewis secured second place with a score of 93.35%, while Paul M. Gurzo

of Harrity & Harrity ranked third with 93.28%. Belinda Y. Lee of JCIP, Daniel R. McClure of McClure, Qualey & Rodack, and Pramod Chintalapoodi of Chip Law Group led in high-tech activity with 7,337, 2,703, and 2,592 patents, respectively. For biotech, Susan E. Shaw McBee of McBee, Moore & Vanik IP LLC, Michael E. Whitham of Whitham, Cook & Fields, and Frank C. Eisenschenk of SLE Patents ranked first, second, and third with 673, 288, and 269 patents, respectively.

Overall, Belinda Y. Lee and Joe McKinney Muncy ranked first and second with 9,795 and 3,727 patents (excluding design patents), followed by Joseph Richard Keating of Keating & Bennett with 3,002 patents.

By comparing data on law firms and attorneys with the previous year's report, we identified 60 lateral moves, highlighting attorneys transitioning between firms or establishing their own practices. Additionally, we analyzed the number of patents issued to companies and firms in both 2024 and 2023, identifying the fastest-growing and declining entities based on this comparison.



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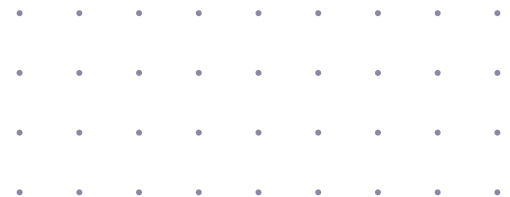
# Appendices.

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# Appendix A: Technology Centers and Art Units Stats.

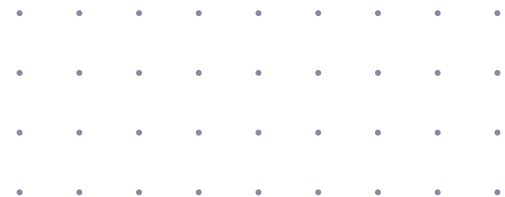
We have provided the following metrics for all 11 *Technology Centers* and 638 *Art Units*. Please check the accompanying Excel document for more details.

- |                                        |                                      |
|----------------------------------------|--------------------------------------|
| 1 Technology Center / Art Unit         | 7 Allowance Rate (Application Level) |
| 2 Number of Applications               | 8 Average Number of Office Actions   |
| 3 Number of Issued Patents             | 9 Average Number of Extensions       |
| 4 Number of Claims Applied for         | 10 Average Number of Interviews      |
| 5 Number of Claims Allowed             | 11 Pendency (Months)                 |
| 6 Number of Independent Claims Allowed |                                      |



# Appendix B: Best Performing and Most Active Badges.

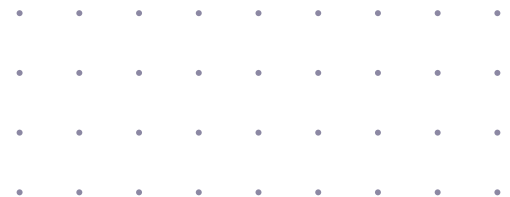
As per our tradition, every year Patexia designs two types of badges for *Best Performing* and *Most Active* law firms as they ranked in different categories (overall, high-tech or biotech). Any of our Concierge members or firms purchasing the report will receive the proper badges based on their rankings.



# Appendix C: Top 2,000 Best Performing Companies.

Please check the accompanying Excel file to view the list of the Top 2,000 Companies. We have provided the following metrics:

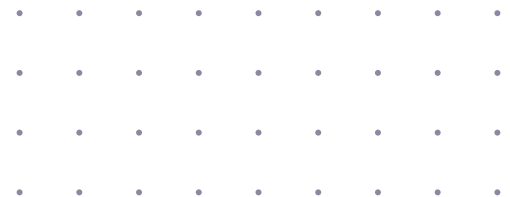
- |                                       |                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------|
| 1 Company Name                        | 19 Average Ratio of Word Count for Independent Claims (Application to Patent) |
| 2 All Patents Excluding Design        | 20 Average Word Count for Independent Claims                                  |
| 3 All Patents Including Design        | 21 Pendency (Days)                                                            |
| 4 BioTech Patents                     | 22 Average Number of Office Actions                                           |
| 5 HighTech Patents                    | 23 Average Number of Interviews                                               |
| 6 Activity Rank (Overall)             | 24 Average Number of Extensions                                               |
| 7 Overall Rank                        | 25 Clients                                                                    |
| 8 Activity Rank (Biotech)             | 26 USPTO Fees (5 Years)                                                       |
| 9 Overall Rank (Biotech)              | 27 Law Firm Fees (5 Years)                                                    |
| 10 Activity Rank (High-Tech)          | 28 Maintenance Fees (5 Years)                                                 |
| 11 Overall Rank (High-Tech)           | 29 2024 Activity Rank (Overall)                                               |
| 12 Final Score (%)                    | 30 2024 Overall Rank                                                          |
| 13 Final Score (Biotech)              | 31 2024 Activity BioTech Rank                                                 |
| 14 Final Score (High-Tech)            | 32 2024 Overall BioTech Rank                                                  |
| 15 Success Score (%)                  | 33 2024 Activity HighTech Rank                                                |
| 16 Quality Score (%)                  | 34 2024 Overall HighTech Rank                                                 |
| 17 Allowance Rate (Application Level) |                                                                               |
| 18 Allowance Rate (Claim Level)       |                                                                               |



# Appendix D: Top 2,000 Best Performing Law Firms.

Please check the accompanying Excel file to view the list of the Top 2,000 Law Firms. We have provided the following metrics:

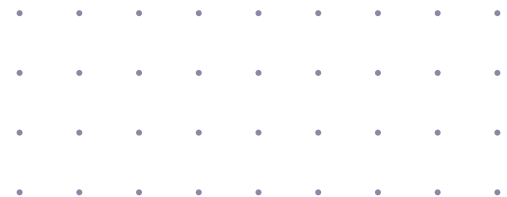
- |                                       |                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------|
| 1 Law Firm Name                       | 19 Average Ratio of Word Count for Independent Claims (Application to Patent) |
| 2 All Patents Excluding Design        | 20 Average Word Count for Independent Claims                                  |
| 3 All Patents Including Design        | 21 Pendency (Days)                                                            |
| 4 BioTech Patents                     | 22 Average Number of Office Actions                                           |
| 5 HighTech Patents                    | 23 Average Number of Interviews                                               |
| 6 Activity Rank (Overall)             | 24 Average Number of Extensions                                               |
| 7 Overall Rank                        | 25 Clients                                                                    |
| 8 Activity Rank (Biotech)             | 26 USPTO Fees (5 Years)                                                       |
| 9 Overall Rank (Biotech)              | 27 Law Firm Fees (5 Years)                                                    |
| 10 Activity Rank (High-Tech)          | 28 Maintenance Fees (5 Years)                                                 |
| 11 Overall Rank (High-Tech)           | 29 2024 Activity Rank (Overall)                                               |
| 12 Final Score (%)                    | 30 2024 Overall Rank                                                          |
| 13 Final Score (Biotech)              | 31 2024 Activity BioTech Rank                                                 |
| 14 Final Score (High-Tech)            | 32 2024 Overall BioTech Rank                                                  |
| 15 Success Score (%)                  | 33 2024 Activity HighTech Rank                                                |
| 16 Efficiency Score (%)               | 34 2024 Overall HighTech Rank                                                 |
| 17 Allowance Rate (Application Level) |                                                                               |
| 18 Allowance Rate (Claim Level)       |                                                                               |



# Appendix E: Top 2,000 Best Performing Attorneys.

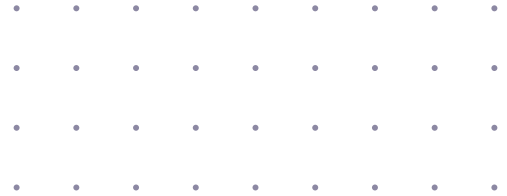
Please check the accompanying Excel file to view the list of the Top 2,000 attorneys. We have provided the following metrics:

- |                                       |                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------|
| 1 Attorney Name                       | 20 Average Ratio of Word Count for Independent Claims (Application to Patent) |
| 2 Law Firm Name                       | 21 Average Word Count for Independent Claims                                  |
| 3 All Patents Excluding Design        | 22 Pendency (Days)                                                            |
| 4 All Patents Including Design        | 23 Average Number of Office Actions                                           |
| 5 BioTech Patents                     | 24 Average Number of Interviews                                               |
| 6 HighTech Patents                    | 25 Average Number of Extensions                                               |
| 7 Activity Rank (Overall)             | 26 Clients                                                                    |
| 8 Overall Rank                        | 27 USPTO Fees (5 Years)                                                       |
| 9 Activity Rank (Biotech)             | 28 Law Firm Fees (5 Years)                                                    |
| 10 Overall Rank (Biotech)             | 29 Maintenance Fees (5 Years)                                                 |
| 11 Activity Rank (High-Tech)          | 30 2024 Activity Rank (Overall)                                               |
| 12 Overall Rank (High-Tech)           | 31 2024 Overall Rank                                                          |
| 13 Final Score (%)                    | 32 2024 Activity BioTech Rank                                                 |
| 14 Final Score (Biotech)              | 33 2024 Overall BioTech Rank                                                  |
| 15 Final Score (High-Tech)            | 34 2024 Activity HighTech Rank                                                |
| 16 Success Score (%)                  | 35 2024 Overall HighTech Rank                                                 |
| 17 Efficiency Score (%)               |                                                                               |
| 18 Allowance Rate (Application Level) |                                                                               |
| 19 Allowance Rate (Claim Level)       |                                                                               |



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# Contact Us.



Established in 2010 with the goal of improving efficiency and transparency in the realm of intellectual property through the use of data, technology, and expert resources, Patexia is the leading network for IP professionals, boasting over 100,000 IP attorney profiles. The company offers a range of IP services through four distinct divisions: Patexia Connect (recruiting), Patexia Studies (Crowdsourced and traditional IP due diligence), Patexia Expert Witness, and Patexia Insights (IP reports and data). For further information, please contact us today.

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**Disclaimer:** The data for this report was obtained from public sources, including USPTO, PTAB, CAFC, and PACER, as well as self-reported by attorneys on the Patexia website. Patexia has gone to great lengths to provide valid and accurate analysis based on this data. However, Patexia does not guarantee 100% accuracy nor take any responsibility for possible losses caused by the use of any information provided in this report.

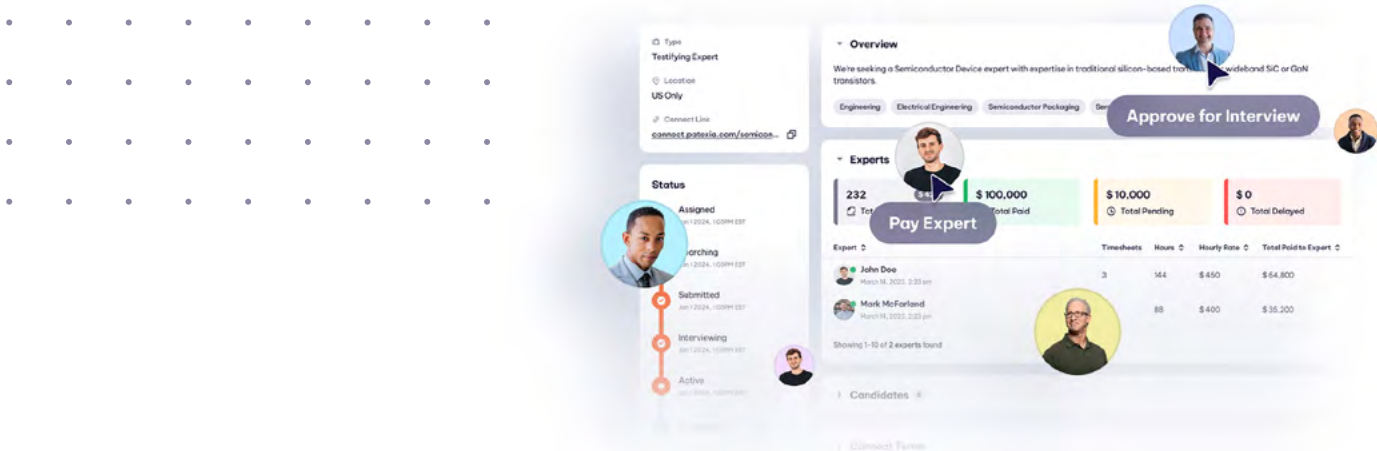
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# Our Solutions.



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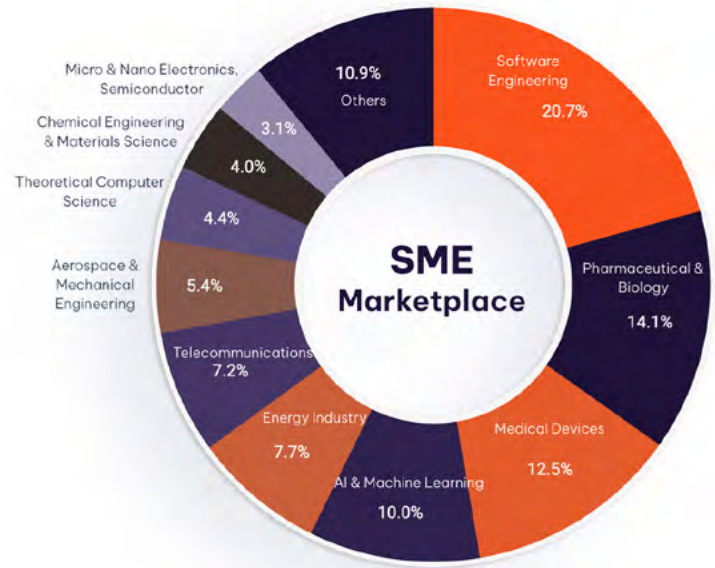


### AI-Powered Niche Matches

Our AI technology ensures precise matching of project needs with the most relevant SME expertise. Additionally, our comprehensive database offers advanced AI capabilities for reverse-looking experts.

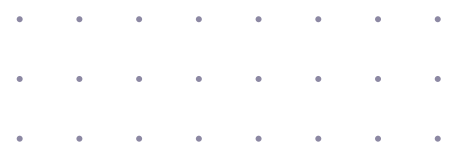
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Our platform offers efficient workflows, intuitive time tracking, and streamlined invoicing, so you can focus on perfecting your case strategy. Plus, with our pay-as-you-go model, you only pay per hour once you've found and hired the expert you need. ([Learn more](#)).



“**What really stood out to me was how responsive the Patexia team was and how quickly they found candidates with the right credentials. The expert we worked with was key in helping us secure a favorable settlement by providing a crucial declaration for a patent challenge. The team's professionalism and understanding of legal dynamics, especially in handling billing, have made Patexia a trusted partner for expert witness sourcing.**”

**Douglas R. Nemeck,**  
*Head of Skadden's Intellectual Property Litigation Group.*



## Intelligence Reports

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