



Going Beyond the Prior Art Search

ARANCA BUSINESS RESEARCH SERVICES

Intellectual Property Research

*To get a free consultation,
call us on +1 919 240 7137 or write to us at info@aranca.com.*

Visit www.aranca.com for more information.

ARANCA'S IP RESEARCH SERVICES

Aranca's Intellectual Property (IP) Research practice offers a gamut of services under Conceptualization, Protection, Management and Commercialization of patents. These include patentability search, novelty search, patent drafting and filing, invalidity search, IP valuation, in-licensing and out-licensing of patents. Having worked closely with law firms, R&D institutions, startups and corporates, our highly experienced analysts know what it takes to advise and support clients on IP matters.

With Aranca, you can expect timely and high-quality IP research services at highly competitive prices.

GOING BEYOND THE PRIOR ART SEARCH

For companies engaged in creating, managing and protecting intellectual property (IP), understanding the need for the prior art search has become more important than ever before. Given the fact that an invention is considered novel only if it is so with respect to relevant prior art. Knowing whether a patent is novel or has incremental improvements on existing patents with reasonable degree of confidence, can only determine success. In that sense, prior art search is a professional task that can only be executed if right tools, strategies and databases are at hand.

Aranca's IP research services go beyond prior art. We not only provide patentability and novelty search, but also help our clients in drafting and filing of patents, landscape analysis, invalidity search, freedom-to-operate / product clearance search, in-licensing/out-licensing and patent valuation.

DEPENDABLE RESEARCH, RELIABLE SUPPORT

We believe in providing dependable, accurate and world class quality IP research to our clients. Our technologies and processes enable total confidentiality and security of our work and interaction with our clients. Our dedicated single-point relationship contact model ensures clear understanding of expectations, adherence to delivery timelines and priority response through the project life cycle.

At Aranca, we have world class talent with deep industry understanding and experience in IP research support. They include subject matter experts holding graduate and masters engineering degrees, PhDs, patent agents and paralegal staff, and language translators. In addition, we have access to industry standard databases and resources for searching.

Industry standard and reliable databases

- *Patent*: Delphion and Micropatent (both covering more than 100 countries)
- *Non-patent*: IEEE, IP.com, Findarticles, Google Scholar, CiteSeer and Scirus
- Other paid databases subscribed on need basis

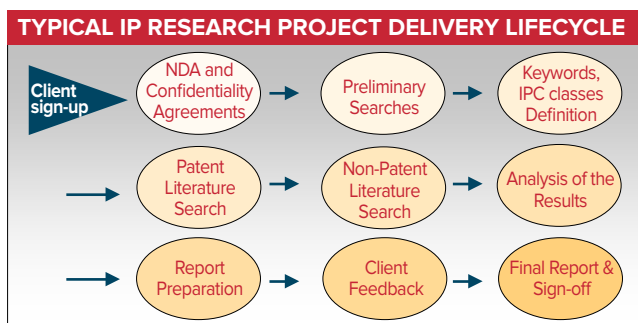
Coverage

- Worldwide including the major patent offices
- USPTO
- EPO
- Indian Patent Office

Expertise in Industry Verticals

We have a dedicated team that can deliver comprehensive patent search results with insightful analysis across the following industries:

- Software/IT/Computers
- Electronics & Telecom
- Mechanical / Chemical
- Biotech/Pharma



THE ARANCA EDGE

Our strong track record of delivering world-class IP research services has earned us the respect of our clients and their references. By using an onshore/offshore delivery model, we are able to provide IP research quicker and more economical than competition. Please ask us for a no-obligation consultation to find out what we can do for your business.

WE PROVIDE A WIDE SPECTRUM OF IP RESEARCH SUPPORT SERVICES

| CONCEPTUALIZATION | PROTECTION | MANAGEMENT | COMMERCIALIZATION |
|----------------------------------|-------------------------|--|--------------------------------------|
| ■ Technology Landscapes | ■ Patent Drafting | ■ Landscape Analysis | ■ Patent Valuation |
| ■ State-of-the-art Search | ■ Patent Filing | ■ Portfolio Mapping & Analysis | ■ In-licensing (Need Identification) |
| ■ Patent / Technology Watch | ■ Foreign Filing Permit | ■ Invalidity Search | ■ Out-licensing |
| ■ Patentability / Novelty Search | ■ Patent Proof Reading | ■ Freedom-to-operate / Product Clearance | ■ Licensing Partner Analysis |

PRIOR ART SEARCH: CASE STUDIES

INVALIDITY SEARCH FOR A US PATENT RELATED TO A HINGE IN MICROMIRROR DEVICES

Client: A US-based firm active in the domain of micromirror devices. One of the client's competitor asserted the patent in question for infringement. The client commissioned Aranca to conduct an invalidity search for the patent in question before deciding on the future course of actions – litigation or licensing

Research Approach

- Invalidity Search: The invalidity search was structured around four streams: patent literature search, non-patent literature search, product based search and primary research. Searches in all streams were executed in parallel.
- Patent Literature Search: The client was interested in only in lapsed and expired patents. Hence, Patent Literature search included various searching techniques used to ensure comprehensiveness – file history analysis, keywords, assignee name, inventor name, IPC classes, citation analysis. A funnel based approach was used where the search and analysis started from a very narrow/small set of patents and kept on expanding if no relevant result was obtained. This provided client with greater control over the course and cost of the project
- Non-Patent Literature Search: Extensive non-patent literature was searched using keywords, author name and citation analysis.
- Product Based Search: A search was also conducted to identify any product advertisement, specifications or datasheet highlighting the features of patent in question
- Primary Research: Interview were conducted with professors to explore and identify the potential companies, inventors or research group who might have published information relevant to the patent in question
- Delivery: Interim deliverables were provided to the client at regular intervals for feedback. Based on the analysis of the results and the client feedback, the search strategy was revised after every interim delivery

Aranca's Solution

A claim chart was provided clearly highlighting the overlap between the claims of patent in question and the potentially relevant prior art identified during the study. Based on the report provided by Aranca, the client was able to prove that the patent in question was not valid and saved on the cost of litigation / licensing.

NOVELTY SEARCH FOR A DRUG FOR TREATMENT OF DEGENERATIVE OCULAR DISEASES

Client: A US-based firm involved in developing drugs for the treatment of degenerative ocular diseases. The client commissioned Aranca to conduct a novelty search for one of their invention related to eye drug.

Research Approach

- The study covered both patent and non-patent literature. After doing a thorough study about the invention, Aranca analysts did Patent Literature Search with world-wide coverage including USPTO, EPO, JPO, German Patent Office. Various searching techniques – keywords, IPC classes, assignee name, inventor name were used for the purpose
- In addition, non-patent Literature search on various databases including Science Direct, PubMed, IP.com and Google Scholar using keywords, author name, concept based search was conducted
- A large number of search strings were used to capture the relevant prior art

Aranca's Solution

Aranca provided a detailed report highlighting the relevant and related prior art and methodology for the search. The results provided by Aranca helped client in drafting appropriate claims for the invention.

INVALIDITY SEARCH FOR A US PATENT FOR A VECTOR CONTAINING A GENE ENCODING FOR SPECIFIC ENZYME

Client: A US-based law firm was interested in invalidity search for a US patent related to a vector containing a gene encoding for a specific enzyme

Research Approach

- A thorough understanding of the patent in question and its claims were developed
- The invalidity search was structured around two streams – patent literature search and non-patent literature search. Various searching techniques were used in each stream to ensure comprehensiveness. Both streams were run in parallel and output / clues from one were used in other.
- The results from patent and non-patent literature search were screened and analyzed to identify relevant results

Aranca's Solution

Aranca deployed a large team to complete the search and analysis within a weeks time enabling client to meet the deadline. A comprehensive report was provided which was structured in three sections – summary of results, details of result and methodology was submitted. The results provided by Aranca helped the client in preparation for invalidity of the patent in question.

We have successfully completed several IP research projects including Invalidity search, Novelty search, Patentability Analysis, Clearance/FTO studies among others.

To read some more of our success stories, visit:

www.aranca.com

Or, write to us at info@aranca.com.

Founded in 2003, Aranca is a global investment, business and IP research services provider. Further, we have extensive experience in private company valuation having executed over 500 engagements.

With our vast and varied experience, extensive research capabilities and industry knowledge, Aranca's IP research services represent a compelling value proposition for all corporates, start-ups, R&D institutions, and law firms.


We offer high quality, cost-effective, quick-turnaround and on-demand IP research solutions to global clientele.

Our work has helped scores of large and small companies globally to realise their growth plans.

Aranca has dedicated offices in the US and the UK to service our clients. You can talk to any of our marketing operations managers or email us on info@aranca.com.

Visit www.aranca.com for more information.

ARANCA OFFICES WORLDWIDE

 www.aranca.com

NEW YORK
T: +1 212 878 8826

PALO ALTO
T: +1 650 666 3011

LONDON
T: +44 207 487 8214

GURGAON
T: +91 124 668 9999

MUMBAI
T: +91 22 3937 9999

Email: info@aranca.com