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Sankalp Singhania (161326)



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WAKNAGHAT, SOLAN – 173234,

HIMACHAL PRADESH

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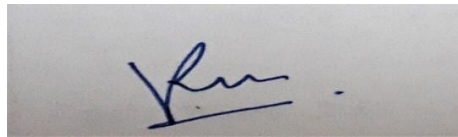
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Submitted by:



Sankalp Singhania

161326

Supervised by:



Rajesh Agarwal

Manager (GreyB)

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1. Fig 1.

Front Page of a patent Application

Abstract

It is accepted that 80% of distributed science and innovation data contained in licenses isn't distributed anywhere else. There are actually a huge number of distributed licenses and patent application references accessible for audit by people in general. This staggering fortune trove of data must be made valuable by recognizing the basic, pertinent references in a given innovation and afterward examining those references in a way that gives data to noteworthy dynamic.

Patent scene investigation, frequently alluded to as "patent mapping" is a demonstrated multistep process, utilizing PC programming and human insight, to parse through, compose and extricate an incentive from this tremendous measure of data. More or less, patent scene investigation gives understanding into the developments that underlie innovation and items. A finished patent scene investigation venture comprises of a lot of specialized references and going with examination from which significant lawful, business, and innovation data can be separated. This data empowers enormous enterprises, new companies, colleges, explore foundations, and financial specialists to comprehend and settle on educated choices preceding putting time and cash into new innovation and item advancement openings.

Patent scene investigation gives an astounding stage to energize thought pioneers from various branches of an association to impart with respect to key business issues. Patent scene investigation improves between departmental correspondences and animates an all-encompassing and brought together inward business process that pervades all through the association.

CHAPTER 1

Introduction

1.1 About GreyB Services

GreyB is a professional service based out of Singapore and India. **GreyB has been helping companies to make profits from their intelligent property and innovations working in an off the site or on the site model.** Our customer portfolio comprises of organizations, law offices, item advancement organizations, R&D divisions, in-house IP office, patent gatherings, patent lawyers, Private Equity Funds, IP driven investors, budgetary financial specialists, IP financier firms and scholarly foundations.

Our affiliation incorporates improvement of the official's professionals with experience and wellness in performing study required for sensible creation, the board and commercialization of approved turn of events and extended length practices in new advances. Our answer suite sorts out get some information about on patent information, clever diaries and market information to help crucial trade choices. GreyB makes strategy suites to assist customers with data expected to heighten the worth got from approved progression

1.2 Goal

The objective is to draw in customers with custom study and assessment on licenses and business material to make advancement theories. Our agent are sifted through upon industry lines, with focal points of fitness in semiconductor, media transmission, electricity based and automatic equipment, metals and material science, programming, high-advancement, customer things, white product, medicine making companies, clinical contraptions/medicinal administrations, biotechnology, solid state material science, compound and science, oil and gas and present day assembling.

1.3 Team Work

Our team designs the client responsibility and work-conveyance model to streamline in correspondence interface, satisfactorily uncover the key business drivers or inquiries behind an errand, tailor fit the game plan suite to offer responses. This mix of client closeness, examining of research methodology on adventure premise connects with us with preferred assistance over the clients.

1.4 Work at GreyB

We work with lawful and in-house patent specialists, patent attorneys(USPTO and EPO rehearses), corporate IP/patent groups, item advancement administrators, innovation licensing groups, R&D stakeholders, IP dealers and prosecution specialists.

CHAPTER 2

Literature Survey

2.1 Intellectual Property-Definition

Intellectual Property (IP) includes artistic things created by the mind itself e.g. an invention or includes designs and images, photos and other things created by imagination in mind and required in business.

2.2 Types of Intellectual Property

Following are the 7 types of Intellectual Properties:-

1. Patent: The protection of a non-obvious and important invention is done by patent
2. Design: Guards the aesthetics of an article.
3. Copyright: Protects the expression of the idea than the idea itself.
4. Trademarks: All the things e.g. logo, marks etc. which distinguish one product from all others are protected by trademark.
5. Trade Secret: Any information that is important and secretive from the business perspective is protected under trade.

2.2.1 Patent

A privilege allowed that prohibits anybody other than company from creating, advertising and utilizing the development is called Patent. The patent for a creation is the award of a property right to the innovator, gave by the United States Patent and Trademarks Office (USPTO). In this way, a patent is a property right allowed by the administrative or local body.

2.2.1.1 Purpose of Granting Patents

As an end-result of the right, the patent owner must give the lawmaking body and along

These lines general society with a complete depiction of the development and its method of use.

The patent framework as such empowers the movements of the Advancement giving a prize framework that underpins supportive consistent and specific data.

A patentable advancement can be a thing or a method that offers another specific reaction for a problem. It can in like way be fundamentally another technique for finishing things, the creation of something else, or a particular improvement for the working of some articles.

Once conceded the term of a patent is 20 years from the date of filling, subject to the installment of reestablishment of the fees.

2.2.1.2 Reasons for patenting

There are four fundamental motivators encapsulated in the patent framework: to envision regardless, to disclose the development once made, to contribute the wholes critical to test and to plan about and upgrade previous licenses.

1. The incentives to monetarily productive innovative work (R&D) is given by patent. Numerous enormous organizations have yearly R&D spending plans of several billions and millions of dollars. The money R&D spends would have been essentially less or dispensed with inside and out without patents, constraining the chance of mechanical advances or achievements. Partnerships would be substantially more preservationist about the R&D speculations they made, as outsiders would be allowed to misuse any turns of events. This subsequent ward is firmly identified with the fundamental thoughts basic conventional property rights.

2. In agreement to the first meaning of the expression "patent," patent encourage and empower exposure of advancements into the open space for the benefit of everyone. If pioneers didn't have the real confirmation of licenses, when in doubt, they might want or will all in all keep their manifestations riddle. Yielding licenses by and large makes the subtleties of new advancement direct open, for abuse by anybody after the patent finishes, or for additional improvement by different designers. When a patent's period has ended, the open record ensures that the patentee's idea isn't lost to the mankind.

3. In different undertakings (particularly those with high fixed expenses and either low unimportant expenses or low creation feeling of expenses — PC processors, programming, and pharmaceuticals for instance), when a headway exists, the expense of commercialization (testing, tooling up a plant, building up a market, and so forth.) is clearly more than the central beginning expense. (For instance, inside "general rule" at two or three PC associations during the 1980s was that post-R&D costs were 7-to-1). In any case, if there is some approach to manage shield duplicates from doing combating at the inconsequential expense of creation, associations won't make that sort of experience.

4. Patent rights make a spurring power for organizations to make workarounds to ensured developments, along these lines making improved or elective headways that may for no situation be made.

One interesting response of present day patent use is that the youth baseball trailblazer can utilize the specific right position to transform into a licensor. It allows the maker to hoard principal fast from approving the turn of events and may allow snappy progression to happen in light of the fact that he/she may choose to not manage an amassing an improvement for the advancement. As such, the trend-setters time and essentialness can be spent on unadulterated turn of events, allowing others to concentrate on manufacturability.

2.2.1.3 Criteria for Patenting

1. **Novelty** – The creation ought not to be known openly at all, anyplace on the planet. Owners of the advancements must be careful in order to remain close-lipped regarding the

improvement until a patent request has been viably finished. If the idea has quite recently been examined, monetarily mishandled, advanced or showed, by then the peculiarity of the creation may be sabotaged.

In the event that the creation should be revealed to an outsider before an application has been recorded, a non-divulgence understanding ought to be given.

When a "Date of Filing" was got for the patent application, the development is ready to guarantee a "Patent Pending" status and the candidate will be capable to proceed to uncover the creation as appeared in the patent application to invested individuals. As a feature of the application procedure, the patent application will be distributed following year and a half and if the sculpture necessities are met. When distributed, subtleties of the innovations will be accessible in the open space.

2. **Non-Obvious** – The development must be something that speaks to an improvement over any current item or procedure that is as of now accessible. The improvement must not be clear to someone with particular aptitudes or data in the advancement's particular field. If a development is new yet obvious to an individual gifted in the craftsmanship, the improvement would not fulfill the imaginative development need.

3. **Industrially Applicable**–The development must be valuable and have some type of down to earth application. It ought to be fit for being made or utilized in some type of industry.

2.2.2 What is a trademark?

A trademark is an indisputable sign, structure or explanation which perceives things or organizations of a particular representative from the amount things or organizations of various vendors.

A trade mark means that you can use to perceive your business's items or organizations from those of various vendors. A trade engraving can be addressed graphically as your association's

logo or an imprint. Through an enrolled trademark you can guarantee your picture by restricting others from using its name or logo.

When gained, a trademark can exist for whatever length of time that the candidate recharges it at regular intervals. Since a registered exchange mark is a type of IP, it tends to be authorized or appointed to other people.

2.2.2.1 The benefits of registering a trademark

If the mark is not registered you can claim on your rights under common law of action “passing off”. This protects your mark from being copied or imitated.

It is not compulsory in Singapore to register a trademark. Be that as it may, on the off chance that you register a trade mark connection to your merchandise as well as administrations, you are successfully increasing a legal restraining infrastructure of your imprint. A trademark can enhance your business since it very well may be utilized to ensure your piece of the pie, you can permit it to outsiders, for example, franchisees, or you can sell it inside and out for a predetermined worth. You can likewise utilize an exchange imprint to assist you with raising value for the improvement of your business.

2.2.3 What is copyright?

- Copyrights ensure works like books, PC programs, drama and artistic creations. For the most part, the creator of a copyright work has the privilege to duplicate, distribute, perform, impart and adjust his work. Postulations selective rights structure the heap of rights that we consider copyrights and empower the proprietor to control the business misuse of his/her work.
- A copyright gives the maker of unique work restrictive rights to it, for the most part temporarily.
- Copyrights don't cover the data and the thought itself, just the structure or way where they are communicated. For Example: Literary Works (including composing), craftsmanship, photography, films, TV, music, web substance or sound accounts.

2.2.3.1 What a copyright protects?

Copyright ensures the statement of the idea (e.g. words and representations). Thoughts alone are not ensured. The next might be ensured under copyright law:-

- Storybook workings
- Theatrical workings
- Tuneful workings
- Artistic workings
- Versions of the workings mentioned above
- Tune recordings , cinematography
- Cable programs
- TV programs

What a copyright does not protect?

The protection under copyright does not include:

- Thoughts or concept
- Discoveries
- Procedure
- Method
- Works or other theme that have not be made in a considerable structure in an account or forming
- Topic material that isn't initially from the creator

2.2.4 Industrial Design Rights

The protected innovation right that guarantees the visual structure of articles that are not just utilitarian is an industrial design right. A cutting edge arrangement involves the development of a shape, arrangement or structure of model or concealing, or blend of model and concealing in 3-dimensional structure containing elegant worth. A cutting edge structure can be a 2-or 3dimensional model used to make a thing, mechanical item or handcraft.

It guarantees the imaginative arrangement of things that are not in a general sense utilitarian. An advanced structure involves the creation of a shape, design or game plan of model or concealing, or mix of model and concealing in three-dimensional structure containing elegant worth. A cutting edge plan can be and a couple of model utilized to make a thing, mechanical item or workmanship.

2.2.5 Trade secrets

A trade mystery is a condition, practice, process, structure, instrument, model or collection of information which isn't regularly known or reasonably ascertainable, by which a business can get a budgetary piece of breathing space over contenders or customers.

In examination with licenses, a trade mystery is better as, they are not limited in time (it "proceeds inconclusively as long as the mystery is nor revealed in people in general")

A trade mystery is an equation, practice, process, structure, instrument, model, or assortment of data which isn't commonly known or sensibly found, by which a business can obtain a cash related extraordinary circumstance over contenders or clients. In the United States, valued equation law is mainly dealt with at the state level under the Uniform Trade Secrets Act, which most states have gotten, and an administration law, the Economic Espionage Act of 1996((18 U.S.C.1831–1839), which makes the theft or misappropriation of a serious advancement a lawful offense. This law contains two game plans denouncing two sorts of development. The underlying, 18 U.S.C. § 1831(a), censures the robbery of upper hands to benefit outside powers. The second, 18 U.S.C. § 1832, denounces their theft for business or financial purposes. The legitimate disciplines are particular for the two offenses.

2.3 Types of Patents Issued:

1. Utility patents may be allowed to anybody who can visualize a valuable procedure, a machine, an article of assembling, or a structure of issue. Model: fiber optics, PC equipment, or prescriptions. Utility patent could be temporary or non-temporary.

2. Configuration patents are conceded to a candidate who has created another, unique, and decorative plan of article producer. Models: the appearance of a shoe, a bike protective cap, and so on.

3. **Any** person who envisions or finds and magically reproduces any unquestionable or new collection of plants can be yielded on by Plant patents.

By and large, a utility patent secures the manner in which an article is delivered or works, while a planned patent ensures the manner in which a piece of writing looks. The design and utility both patents might be gotten on for the article on the off chance that it is innovative in the two its utility and its decorative appearance.

Utility applications can be temporary or non-temporary. A temporary application is a basic patent application which incorporates just a portrayal of the innovation. A non-temporary application is the full patent application that incorporates pledges, drawings, and cases. You despite everything need to record a no-temporary application inside one year of documenting your temporary application.

2.4What does a patent looks like?

All the more especially the patent data alludes to the accompanying:-

- Applicant: organization applying or the name of individual to have a specific innovation secured;
- Inventor: people or the name of individual who created and built up the innovation;
- Description: a reasonable clarification known existing advancements and issues related with them and how the new innovation is applied to take care of these issues; explicit instances of the new innovation are likewise typically given;
- Claims: an announcement characterizing the extent of the security looked for or allowed through the patent;
- Citation and references: some patent records additionally include references to related technology data revealed by candidate or by a patent inspector during the patent allowing

methodology; these references and references incorporate both patent and non-patent archives.

The data spoke to by licenses is an immense wellspring of specialized and lawful data introduced in a normalized design and frequently not replicated anyplace else. It can help clients to:

- Evade duplication of innovative work exertion;
- Conclude the patentability of their innovations;
- Evade encroaching other creators' licenses;
- Estimate the estimation of their or others creators' licenses;
- Exploit innovation from patent applications that have never been in all actuality, and licenses that are not legitimate in specific nations or are no longer in power;
- Take insight on the creative exercises and future bearing of business contenders;
- Take out, break down or survey in explicit specialized fields, specifically those of open intrigue, for example, those identifying with condition issues.

Fig. 2 Bibliographic data page of an international patent application

The image shows a screenshot of a patent bibliographic data page for '(WO/2003/071888) SOCCER GOALKEEPER GLOVE'. The page is divided into several sections with callout boxes explaining their content:

- International Patent Classification (IPC):** A63B 71/14 (2006.01)
- Reference data identifying the applicant, inventor, representative, etc.:** Applicant: LUCAS, Alfred, W., Jr. [US/US]; 79 Cheese Factory Road Honeoye Falls, NY 14472 (US). Inventor: LUCAS, Alfred, W., Jr. [US/US]; 79 Cheese Factory Road Honeoye Falls, NY 14472 (US). Agent: STEPHENS, Eugene, S.; Eugene Stephens and Associates 56 Windsor Street Rochester, NY 14605 (US).
- Abstract contains the fundamental features of the invention (keywords are found in the abstract, as well as the description and claims):** A palm face of a soccer goalkeeper glove (10) is provided with a strand mesh (20) secured at wrist (35) and fingertip regions (31) to strengthen back bending resistance of the thumb and fingers of the glove. The mesh can extend across spaces between the thumb and fingers on the glove, and can extend over fingertip regions of the glove to be bonded to back sides of the fingertip regions. The strand mesh can have screen or other configurations, and can be formed in a continuous laminate (40) extending over the palm face (of the glove). The goal is to reduce injuries from back bending of a goalkeeper's fingers from impact by soccer balls travelling at high velocities.
- Patent document reference numbers, e.g., publication number, application number, priority number, etc.:** Pub. No.: WO/2003/071888, International Application No.: PCT/US2003/003327, Publication Date: 04.09.2003, International Filing Date: 05.02.2003, Priority Data: 60/358,607 21.02.2002 US, 10/245,919 18.09.2002 US.
- Drawings, pictures, graphical representations are found in the abstract, as well as later in the description:** A drawing of a hand in a soccer goalkeeper glove with various parts labeled with numbers (10, 20, 31, 35, 40).
- Countries for which protection has been requested:** Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TH, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW. African Regional Intellectual Property Org. (ARIPO) (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW).

Fig. 1 Front Page of a Patent Application

2.5 Patent Laws

The patent law shows the subject for which a patent might be gotten and the conditions for patent limit. The law sets up the United States Patent and Trademark Office to control the law identifying with the giving of licenses and contains different approaches identifying with licenses.

The patent law decides the general field of theme that can be protected and the conditions under which a patent may be obtained.

In the language of the standard, any person who "makes or finds any new and important system, machine, creation, or bit of issue, or any new and accommodating improvement thereof, may get a patent," subject to the conditions and essentials of the law. "Procedure" is portrayed by law as a system, exhibition or strategy, and chiefly fuses mechanical or specific methods. The articulation "machine" used in the standard needs no explanation. The articulation "make" insinuates articles that are made, and joins each created article. The articulation "association of issue" relates to invention plans and may consolidate mixes of fixings similarly as new substance blends. These classes of theme taken together consolidate basically everything that is made by man and the systems for making the things.

As showed by the patent law, the point should be "important." The articulation "supportive" here implies the condition that the subject has a significant explanation and moreover joins the ability to be worked, that is, a machine which won't work to play out the normal explanation would not be called significant, and thusly would not be yielded a patent.

The requirements of what can be protected is set, thusly it has been held that the laws of nature, physical miracles, and one of a kind considerations are not patentable point.

A patent can't be jumped on an irrelevant idea or proposal. The patent is permitted upon the new machine, create, etc., as has been expressed, and not upon the idea or proposition of the new machine. An all-out depiction of the genuine machine or other subject for which a patentee's searched for is required.

CHAPTER 3

ORGANIZATIONS FOR IP

3.1 USPTO

The United States Patent and Trademarks Office (USPTO or Office) is an organization of the United States Department of Commerce. The activity of the USPTO is to yield licenses to ensure the security of manifestations and to enlist trademarks. It serves the energy of planners and associations with respect to their manifestations and corporate things, and organization recognizing bits of proof. It likewise advices and assists the President of the United Commerce, the authorities and workplaces of the Department of Commerce and different offices of the administration in issues including all household and worldwide parts of "protected innovation."

In discharging its patent related commitments, the USPTO breaks down applications and grants licenses on improvements when competitors are equipped for it, moreover it appropriates and scatters patent information, records assignments of licenses, keeps up search archives of U.S. besides, remote licenses, and keeps up a journey space for use in taking a gander at gave licenses and records.

The USPTO moreover spreads patent and trademark information that propels a cognizance of authorized development protection and energizes the unforeseen development and sharing of new advances far and wide.

3.2 EPO

The European Patent Organization (ordinarily condensed EPO in order to remember it from the European Patent Office, one of the two organs of the affiliation) is an open all inclusive affiliation made in 1977 by its contracting states to permit licenses in Europe under the European Patent Convention (EPC) of 1973. The European Patent Organization has its seat in Munich, Germany, and has administrative and financial self-administration.

The European Patent Organization isn't legitimately bound to the European Union and has a couple of people which are not they EU states.

The improvement of the Organization is naturally associated with the European Patent Convention.

3.3 World Intellectual Property Organization

Their focal objective is to propel advancement and creative mind for the money related, social and social improvement everything being equivalent, through a sensible and incredible overall IP system.

The World Intellectual Property Organization (WIPO) is the UN office focused on the usage of ensured development (licenses, copyright, trademarks, plans, etc.) as techniques for reproducing progression and creative mind.

WIPO's part states choose the imperative course and activities of the Organization. They meet in the Assemblies, warning gatherings and working social affairs.

The staff of WIPO is drawn from in excess of 90 nations. They give the aptitudes and experience to convey WIPO's differing administrations and programs, and to guarantee the effective association of the organization.

CHAPTER 4

TYPES OF SEARCHES:

At GreyB we perform 3 basic kinds of searches:-

4.1 Prior Art Search

4.2 Infringement Analysis

4.3 Landscape Analysis

4.1 Prior Art Search

What is Prior Art?

- Combination of two words prior + Art meaning earlier/existing knowledge
- Anything that was publicly known and could have contributed towards the making of a so called “invention”

Invention is valid and may be patentable only if it is different from the prior art and is not an obvious derivation of the prior art, in.e. there was some involvement of human intelligence in making of the invention

4.2 Infringement Analysis

This is an aptitude escalated study led to decide whether an item/process encroaches a patent. Infringement examination enables patent holders to decide whether an item/process damages their patent rights.

Then again, infringement examination helps organizations related with an item/process decide whether their item/process damages privileges of a patent. Infringement investigation is an indispensable advance in item/process configuration/overhaul.

4.3 Landscape Analysis

1. Patent landscaping is a study that involves exhaustive search, analysis and synthesis of patent documents relating to the technology domain of your interest.
2. A point by point scientific categorization of the innovation is set up in a joint effort with the customer, in view of the goal of the investigation. The patent reports are broke down and organized in the scientific categorization to enable our customers to get most extreme incentive from the accessible patent information.
3. Patent landscape reports are generally utilized as an information base for understanding contender methodology, and understanding innovation patterns, among others.

Following are the steps that take place in a landscape project:-

1. Title Page
2. Agenda and Contents
3. Project Challenge and Scope Guardrails
4. Project Plan
5. Existing Business/Portfolio Review
6. Category Outlook
7. Competitive Opportunities
8. Trends
9. Technical Opportunities
10. Consumer Hypotheses
11. Recommended research, objectives, methods

CHAPTER 5

PROJECTS WORKED UPON

5.1 Fintech:

Fintech is a term used to depict budgetary development, an industry remembering any kind of advancement for cash related organizations - from associations to clients. Fintech delineates any association that offers cash related kinds of help through programming or other advancement and consolidates anything from convenient portion applications to computerized money.

Exhaustively, FinTech depicts any association using the web, phones, and programming development or cloud organizations to perform or interface with financial organizations. Various FinTech things are proposed to relate customers' records gracefully of use, disregarding the way that the term is furthermore applied to business-to-business (B2B) headways moreover.

The improvement of FinTech is relied upon in colossal part to the open entryway it bears little players to battle on a comparable field as standard banks and budgetary foundations. In light of FinTech, it's not, now about who is most noteworthy, anyway who is speediest and by and large responsive at effectively watching out for the ever-changing purchaser demands. Likewise, the plans offered by FinTech associations are not, now "one size fits all." Instead, they offer concentrated on – every now and again claim to fame – organizations that fill the gap of a particular cash related need, at times at much lower costs than those offered by standard fiscal providers.

As buyers become even savvier and progressively related, the FinTech associations that succeed will be the ones that keep on viably improve in conveying new responses for old issues.

A portion of the significant classes which fall under FinTech incorporate:-

5.1.1 Lending

Cash related development organizations are altering the advancing strategy. People don't have to visit banks for the cash or transactions. Many FinTech organizations are again and again credits clearly to buyers. The customers can send the request for the credit cards on internet.

FinTech lenders asses' borrower's credit value rapidly and mechanize the guaranteeing procedure.

5.1.2 Payments

Installments are another order of the money related advancement promote. Organizations are making it easy for people to transfer money without going to the bank. But Banks will charge over the top charges for important parts like conveyed trades.

FinTech organizations allow clients to transfer money right away. It is made practical for these organizations to process installments more sufficiently than banks can, all this is done by advances like square chain.

5.1.3 Money Transferred Internationally

By and large, internal money moves have been over the top costly. Banks and traditional money move associations stimulate to 8% in charges. For gigantic money moves, these costs incorporate quickly. Increasingly deplorable, standard trades are moderate.

Fintech associations for this characterization are offering speedier and progressively moderate overall money transfers, like Ripple, an association in this class, can send all inclusive money moves in eight seconds.

5.1.4 Personal Finance

Individual Finance is another tremendous gathering of the money related advancement show off. As of now, individuals expected to visit with money related associates at banks to get particular record counsel. To spending plan, they expected to utilize spreadsheets or an envelope framework.

Before long, there are a huge amount of uses open that can offer course and help with masterminding. Customers can get particular record asking any place, at whatever point. Associations like Mint assistance clients with making spending game plans, while Level Money enables purchasers to spare. There are likewise FinTech associations giving retirement or experience counsel.

5.1.5 Equity Financing

Value Financing is in like manner evacuating among Fintech associations. Associations in this class are making it straightforward for associations to raise money. A couple of associations work to interface ensure monetary masters with new organizations. A crowd funding model is used by each other individual and grants anyone to have the choice to place assets into new associations.

These associations unravel the raising help process for associations. Virtual raising help is also more straightforward for money related authorities, since everything should be conceivable on the web.

5.1.6 Customer Banking

Banking is another game plan of the budgetary advancement highlight. Ordinary banks charge significant expenses, so associations in a specific order present an opportunities for purchasers.

These associations besides get the chance to reach under banked customers. Customers who can't get demanded for a Visa—or needn't waste time with one—can get prepaid cards from FinTech associations. Associations like Green Dot and Netspend are dynamic in this class.

Two or three associations, as Moven, give advanced cash related associations. Customers can utilize pushed records as opposed to utilizing a standard bank.

5.1.7 Insurance

Cash related progression associations have beginning late spread out into the protection advertise, too. Different associations in this class are concentrating on dispersal. They're utilizing new movements like applications to appear at clients that are underserved by affirmation. They're moreover more flexible than conventional wellbeing net providers. For instance, individuals who need to secure a mate's vehicle can purchase vehicle assurance for only a couple of hours. Since the protection advance is remarkably controlled, associations in this class will all around accumulate as one with customary protection workplaces.

5.2 Invalidation Search:-

5.2.1 Search Subject: A granted Patent

E.g., Patent Number (EP....) + may be a specific Claim 1

Key-Features: Key Novelty Aspects Derived From Clauses of the Claim

5.2.2 Search Strategy:

- Focused on documents available before the priority day of the patent (if any)
- Citations already cited during Prosecution or in previous Oppositions/ Litigations can be used as check points or source of information for term sets, IPC classes, relevant assignees, inventors, etc.
- Robust Spider Searching using backward citations can be performed
- Search using Inventor/ Assignee names may be useful

Unlike Patentability searches, the invalidity search is much more critical in nature as an entire infringement suit might depend on it, hence, comprehensiveness is desirable.

5.2.3 Search Report Structure

5.2.3.1 About the Search

- List of Objective
- Key-Features identified & Corresponding Relevance Criteria
- Term Sets and Search Strategies Used & Corresponding Log
- Databases and Any Other Information Source Used

5.2.3.2 List of Relevant Documents

- Patent Numbers/ Literature Title
- Publication and Other Important Dates
- Mapping/Analysis Details (Textual/Visual)

5.2.3.3 Additional Details that can be added depending on the Search Type

- Legal Status and Expiry Dates (FTO Searches/ State-of-the-Art searches)
- Sequence/Structure Details

Trends and Charts (State-of-the-Art/ Landscape Studies)

5.3 Sensing Technologies:-

Mobile telephone based detecting programming is a class of programming for mobile telephones that utilizes the telephone's sensors to secure information about the client. A few uses of this product incorporate psychological wellness and in general health observing. This class of programming is significant in light of the fact that it has the capability of giving a commonsense and minimal effort way to deal with convey mental intercessions for the anticipation of psychological well-being issue, just as carrying such mediations to populaces that have no entrance to conventional human services. Various terms are utilized for this methodology, including "individual detecting", "advanced phenotyping", and "setting

detecting". The expression "individual detecting" is utilized in this article, as it passes on in straightforward language the point of detecting individual practices, states, and conditions.

This involved the following steps:-

Understanding the domain in detail by going through the latest technical literature published in the domain to build upon the classification scheme ; and extracting patents/applications having high relevance to the domain (by using keywords, inventors, assignees, patent classes, etc.) based logic.

Then categorizing the patents by leveraging automated techniques like scatter plots, automated taxonomies generated by commercial patent databases and intelligent use of search strings that will be run on the entire patent document to group patents talking about similar concepts/technology.

CONCLUSION

This industrial training at GreyB Research Pvt Ltd. provides a huge boost to my career. It actually provides me exposure to the corporate world.

It provided me platforms to utilize my skills and path to take a leap towards success.

It provides me the opportunities to work on various live projects. I have learned a lot about Landscape Analysis and predicting future technologies.

Major_samkalp

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