Unit 11 (6)

Law of patents - Foundation of patent law, potentsearching perocess, ownership lights and Transfer.

government to the inventor to make, use a cell lix inventions of in an official document that glants exclusive sights to per sinventor. The invention can either be a langitude product on a process. The policit holder has ordusive sight to tile a claim against any individual using his inventions.

The main inf. functions of a potent are, 1) it creates market bashlers for the other competitions (2) of ensures so gally to the inventor unless the world have little from use and exploitation, inventors would have little motivation to spend, time money, and exploit in creating and value to exploit their work inventors. They was he allowed to exploit their work conversionly and wake possible.

But due to advanced Science and Technology but injents is given a himited period of perotection to explicit his work. The perdiction will be zo you for thety and plant patents and myes to design patents. After that they full into public domain to the use.

Registration of a potent in computery to

enjoy legal benefits All suventions are not granted the patent protection. To be protected the an invention must Satisfy the following conditions.

(patental years) be a satisfy design of plant potent.

(patentally Subjection matter protein by states.)

@ It must be moved ingelation to the paids patents (the

@ + must be non-divious. (Unique)

(a) Palantable Subject matter specified by statule: - The Subject water of an invention should foll within and the statutory classes stated, Section 35, Sub-section 101 of the palent Act. The main classer are utility patents, design palents, and plant palents. Notility patents are it was common and Cover a wide variety of inventions and discoveries including lipewaiter, automobile, sewing machine, belicopter etc

Design patouts cover new, Signal, and Evander designs for useful articles such as "furniture and containe plant patents cover new and distinct asexually suggested plant varieties, Such as hybrid flower of bees.

Allhangh ideas are not protectable, procasses are posticiable. A powcess is an act of Suice of act, purposed upon to Publich water to be baufflined & qualiced to a different state. Some extract waking synthetic diamond : home paling, Swelling to etc. (packaging flogen tool)

manywheres and complished of matter) all products of him.

A machine direct device made up of moving parts, that actions have a given lask. Manyorthere means anything made by a human being. A complished on means a Contination of him & mote chemicals into product.

The above mentioned are the my: Subject modilers. that plus human patentable classes defined by statule.

Desput out! - The Second Reguinement is therefores.

Patent right will be provided to only unful invention and discoveries only. Though mediatives is not a stanger and discoveries only. Though must be of some henefit standard, the invention must be of some henefit to humanity to be unful. Enventions that leave to humanity to be unful. Enventions that leave a must be enterlain are considered with Gamady to anux b enterlain are considered with Gamady a small degline of utility is sufficient to show that a small degline of utility is sufficient to show that

the inventor has to prove that he medicine is

effective and perfect may not be for humans, it The inefulners may not be for humans, it can be ifor animals also. But it must be accompaint by exploiting evidence.

fails to operate as described in the application.

(c) Novelly: - According to Selien 101 of the potent airt any inventors must be new or never to get patient. In 1970, the polariod company greatered the Kedak company from manifordiering a selling any instant common of indication that the powers of instant photography must be new (novel). It must dister in some way to the other short the period and of earting work. The following things must be considered by to potent examiner, when asserting to prish and,

a point palents which were igued a year vefore tiling date of patent & to date of invention.

(b) point publication bearing a publication date of more than one year before filing date of patent.

(a) Anything weing used & available to public use in the country for more than a year before tiling date of

a Anything that was known publicly & und earlier by others in the country before the inventor was made.

Non-obvious to quality for a patent, it should be invention to apraisity for a patent, it should be non-obvious to that having skin in the field & art to which the subject matter inlongs to peterning to which the subject matter inlongs to peterning whither an invention is non-obvious is one of the most white laster point. Today to sakly pin, so we difficult laster point all are known to the very obvious . But measurement laster all are known to the very obvious . But

Jol Convox

Exclusions from potent protection: - The following perioducts, porocerus and items have been excluded from the patent particular, editing chatalogy

- (i) Moducts of nature: only human-mode inventions can be potential. Naturally occurring substances can not be particled by patent even they are previously not known to public. From a new plant or mineral known to public. From he patented, only to that is discovered can not be patented, only to genetically altered living organisms can be patented.
- (ii) Laws of Noture: Laws of nature, Physical phenomena, Scientific Iruths, mathematical and chemical formulas etc. can not be patented. But the procures which can be then formulas can be patented. A mathine of product that depends on law laws of physics & the law of opavity can be patented.
- (110) Pointed form: pointed forms can not get potent probability
- (iv) Abounis weapons! & Albanic Act of 1954, Actomic weapons can not be parented though one man made.
- W) Non with Invited welled and wenter Steps: The Explosion of are with the house of contract control are not pereducing well similar can visible patented, unless they produce with , langule, concrete similar on they produce with , langule, concrete similar on the same way human thought and deliberations are intangible, hunce can not be produced.

classification of potenti - plant-potenti paleuli can be classified into 3 lyter. They are (i) ulility patents: - The inventions that belong to the Catigories of wachines, processes, compositions, outsides of manfective, & new was of any of their can be gharted patent Aight. I dear are not possiblable but these 14hr Houly exposition in the form of processes, wellisds, products Har grien etcare patentatile. Dut typicacites, the automobile, Features Aducophin are articles. Making Syntatic diamonds lanning and dyeing etc. are powceiter. porgaring Cotose thee milk is a process Contined with a method of wampactiving. All das I ten are patentatile (ii) plant potenti. - This Act was passed in 1930 - paint to that line, to philosophy was that plant coline realisal peroducts hence can not be patented. But , Section (6) of patent. Act now provides that whoever, invents of discovers alexually rejuduced and new variety of plant may obtain a patent thereof . 9'allows the owner to exclude other from producing Same variation of plants. Tubers (potation) can not be pade did . There are four originizements to get (1) The new variety must be assirably separatured!-The discovery of a New Vosilty of plant must be

able to supposeduce the plant by arestical means.

That means growing something other than for a read.

It can be accomplished by taking stom culturgs and cooksing of storms.

(1) The plant must be distinctive: The new plant must be clearly distinguishable from existing varieties.

Features that show distinctiveness are colde, odd alitily to opin in disturent sizes and soils; Their alitily to opin in disturent sizes and soils; Their productivity etc. of must be distinguished but not productivity etc. of must be distinguished but not seemed as superior to other plants.

(ii) the plant must be moved: - The plant must be moved (new) and should not have existed in value previously.

(1v) The plant must be mon-obvious! - Sec. 161 at the Act does not state directly the non-obvious sufficient will the phovision applicable to utility potents will be applied to plant potents also

of the inventor can not phove unighteness.

of the plant, it can be producted under plant variety

possibilition Act of is a palent-like pursuited under

even plants bred out of Seeds can be producted under

this Act.

III Design paterile - Design paterile are provided for any new, diginal and dramatal designs

for an article of manifordine. production will be given to set aesthetic appearance of the soldicle which does not have any functional entitlety, but not be the satisfic itself.

with a design, the inventor can got utility patent and design patent to that article No patent and design patent to that article No patent will be given for decorative arts. But often 1871 The land Authorized and gave protection of your arts also. To get design patents to requirement to be many le an article of manyschure. That means anything made by a human made invention. It includes shap of the article, surface configuration of loth:

(11) It must be new! - The design must be new and)
must possen the movetly negliarements that are
applicable to satisfy patents

(1) 91 mes be Biggiral! - The design can be polented if it is the surprise to should not be a copy & similar to other orating designs.

(1) I mest be 8 namental: - The design must be 8 namedal of should not have any functional utility of must be an aestetic one and should add value to the article.

Palent Scaach phocens

Before an application for a polarit in filed, a beauth should be conducted to unuse that the invention in moved and mon-divious. This hashed south sometimes called a novelly exarch & paid and should. Search will help us whether to bared them protection on whether it has follow in public devair etc. So a search trough not compulsing it devair etc. So a search trough not compulsing it grecommended to determine the fearibility of obtaining it secons mended to determine the fearibility of obtaining the potent. It also provides ideas the deapting the application it suff.

Commercial wer & Sale, an additional Search, Called Commercial wer & Sale, an additional Search, Called Fredom to operate & his hingeness Search Conducted. A fredom to greate harch is worket, to ensure before the invention is brought to worket, to ensure before the invention is brought to worket, to ensure that the invention does not mighting the any existing that the invention does not mighting the any existing patent.

palent. Infringement franch 4 conducted after the inventor of the in violating another's

engage to services of a peroperioral evanch firms.

The scope and breadly of to Search depends on a

Variety of factors like, cost, time, impalatice of the invention etc. The following are the several harms services available to the inventors:

- (i) PTO Search Room: It powerdes the Rearch facilities to the general public to granch for patent information, doth domestic and foligon patents. Searching in would accomplished by wing state-f-the-ask computer databases, Scentific and Technical looks, numerous journals sto. The inventors can lake the hope of the papersonal examiners present in the Search Groom.
- (i) palent and Torodewark Depository Likewier! The lotter likewier Decaive the Copies of palents and other slee public internet access to all lypes of delaborer.
- (ii) online Patabase! online database michedes all patents ithreed since 1976, patents number, their classifications etc. Copies can be obtained as payment of a moderate fre.
- (14) Search ashirlance! The PTO staff conducts minimal searching for a fee on housely ban's. They conduct on wellast of the inventor and posseride necessary infantor.
- (V) Con mercial Scarch Services! They are the specialists and I Fey provide most accurate and complete powality

Search will be Conducted by the inventor using the antiversal to the inventor that the inventor is patentiable, a more comprehensive exact is then other of the western of the continued Search Conjunier. Search can be customized to the inventor's needs. Some of the well-known search conjunier are—

- Delphion: Biginally it is IBM phoduct, now owned by thomson copydation. I provides full conflowent of polarit Scarching process. It is highly popular and polarit Scarching by polarit number, inventor variety of other fields: It offers mouthly set of and variety of other fields: It offers mouthly set of Subscription and one-day parts to private inventor.
- (b) Dialog! est in avoiter Thousan business. estpriorider access to more than 900 databases and
 more than 15 million patents covering to Countries-
- Devis News! They websites phovide necessary patent documents and other files and partone parts on prioduce a weiter suport-
- Describes on the done by keyword, palent no etc.

Catent Search without of keywood Searching &

- D'Egyard Ranching This meltod matches words, phreus and term relating to the patents patents than Jan 1976 los the power can be searched by using inventors and latents title, Full description of the invent etc. Reyword searches are bost and easy, but the gleating of a recylored search depends on the aliving of the issues. Searcher the main problem is in this search is Force: a recylored search for a letim "lind" will poweduce only potents with the specific word and no potents will be shown with the "avian".
- (3) clashification Scarch Hellind: strin mainly und by patint examiners, but also lived by Scarchers on this method inventions will be categorised according to train the features. All gelevant potents will be opposed together celled a class: thou are marky 450 clasher of inventions. This hearth is more unful because they do not suggimine autoanchers to guest the word used to describe to invention but it covers only u.s. potents but not foleign potents. "imitations." O of it not follible to town all the services.

 (D) potents applications are maintained in survey.

musing this period it is not psecial to obtain any information about the pending applications. In the is no absolute way to anticipate a predict the evidence of such inventions.

Patent Ownership Rights and Transper

paroperty. They may be sold, licensed & locarefund to others the others are to others the actual inventor of the article, process design etc. Inventor means a journ who reduced the idea to practice. Laboratory note looks top-

Joint inventor this exists excess when an invention in the powderest of more plan one person.

Joint inventors may not continents eglically and Joint inventors may not continents eglically and they do not work in the Same physical location.

They do not work in the Same physical location.

There are different ownership while on the job.

There are different ownership issues

(i) sole inventor ownership! It one person Conceives

- the sale owner of such wisk and lake all trings of for himself. Giving Engations, waking minor contribution helping to haild a model etc. do not make a farson on inventor.
- (11) Joint inventors ownership! when more than one person contributes to an invention, they are joint inventors even though they do persons may be joint inventors even though they do not physically work together of at the game time, I have been amount of type of contribution do not water the same amount of type of contribution to the Suly'est matter.
 - 1) joint inventors need to apply \$8 a palent jointly. @ Each must wate the Seglinted oath & declaration in the application. 3 of any joint owner geners to sign to application, the PTO wit still growth the patent. However the patent Rights of the omitted Owner stall germain enjoyceable. (4) Essass in the rawing of inventors can be headily concled by amendment to the application, as long as to corrors as occupied without any deceptive intent. (5) Any Every joint owner has the aright to make, sell of he the invention without on paid confut of the other joint owners. Disputer over inventor thip! - patent Right will be

awarded to be first to sevent . But all offer combines follow a "first to dili" system to award paleuls. when a dispute occurs over inventorship generally, the dinst to conceive the invention and greduce it to practice will be held to the paid inventor were conception of an idea in not sufficient, it must be tisted aut to ensure it works. As a paroty to seventor should beep labolaty notitions and he should make abuting entiry, He must file documents actating to work such as emails, Correspondence / Curying change etc. About the maintained, because they are critical evidences to prove his work.

The inventor power and could the a statement of disclosure with the pro to priorite an evidence of the date on which, the invarian was concurred. Rut (et 1,2007 pro has eliminated this disclosure profes.

(11) I sheer when inventions made by employees; - Employeess
and universities engaged in the hurivers of developing inventions, dough, powerher sto seguise Their explorer to Righ an agreement, in which the employer agree that anything discovered by the during the employment will be owned by the employer.

of the is no Such agreement, the englan-

entains ownership aughts, subject to a " shop-sight"
in favour of the employer shop high-means nonbransfirable a license to the employer, whether to employee
works then are not.

The encouling must de grebult than extents of the employer of the inventor and the material belonging to the employer of the inventor in made during the employers possonal live and mot grelated to the employer's business generally own the inventor by himself.

Government Contracts relating to everyy nuclear propulsion, weapons programs and other special lopics generally provide that to govern actions title to inventions arising out of such contracts

Transfer of Patent Rights

Because potents have the altitutes of personal personal personal personal beautimed & assigned, such as personal personal beautimed by will. A western wishourment is sequised stating the patent title, mondate of issue etc. Assignment is a beautiful of a party's entire ownership interest & a part of it. Although succeeding the branch with 1970

in not seguised for an assignment to be valid, but it is not succeed, because if it is not succeed without the smooth from its date, it is void against a subsequent purchaser for a valuable consideration

After la branster the resigner in helpour, the to maintain the patent in force. Recorded alrighted way be viewed on the pro weekilo.

In the absence of agreement to the contrary each of the jain't owners of a potent way make, un, licent, offer to Sell & Sell the potential invention without the consent of other owners. potent law doer not reguire a joint owner to account to the others for monies societ from Such Sale. So joint inventors be subjected to written agreement to avaid Juliu minuderkasing Licensing of palent. Rights! - A license diffus from On adignment in That it is not an outslight grant & transfer of ownership. The licensing Garages a burdle of siights, but less than the entire ownerdup interest. A liceuse is merely a permission to un. st is limited in its stope, duration, terms & livitery. It is an agreement, that the owner will not sue the license for using, edling,

its obligations and operate according to the land agreement. Liceux can be given to one porty si more than one party. It way so for a limited time period à transport the like the galend. Licenses are usually not recorded with PTO because they are vicued as private Contractital gelationship between parties and do not affect the ultimate ownership of the potent.

The gatant, may receive a hump-sum gayment & way societe sogallies periodically. Usually Royally payments are hond on a contain of on sale of each palitical product. Pertections can be implied on us of sales. Sometime they can be forfeited also. patouli can be pledard by the owner, kat,

parent Registeration process

Patentatrility Search Corducted invention Detirates pentantition

prepare and file an application

presenting 1/2) -> Application examined by Mo

Applicant pays tees attent is met

Palent Search for fearibility - Before Aling an application HE owner has to conduct potent search to know water He Subject walter has palentalities & not though il- is not compulsory it helps in to prevent some legal purblems. Once to search is completed and the owner Salisties the pouter potentability status of the object he will go for regi: n.

Ruparing to application! - The applicant has to pupare Its application. preparing potent application gegrines Skill ful derafting as well as knowledge in the selevant field, whether it is chemistery, Biotechnology, physics, computers, pharmacontical etc. Because potent practice is highly technical, the law firms will appoint a no. of alternays with different Spill Sets a

patent application must be in English and there will be different applications for different lyper of patents like, design patent application, utility patent application, plant-application etc. The paint application includes to following O title of 10 invention

(2) West negerences to related officiation

- 3 Background of the invention
- @ Deauing of invention and is thing & description.
- (5) relailed description of the invention.
- (Scope of presiden)
- 3 reclaration / oath of inventor.

All there are conjultiony clauses to be filled by the opplicabilt with signature;

Filing to application - And to application has ween prepared in a prescribed format it must be filed with 100 office. The applicant may also submit an application Tata Sheet, which contains to delated information of to applicant. In orlater 2000, to pro has implemented Electrolic Filing system of quick phocening of applications. Applications must be filed along with a prescribed for

IN Examination by PTO: - The manimation plucas by 100 is called prosecuting to application. Once to application has been accepted and tilling Inceres has been issued, to within 30 days, the pro will start assign a patent to the examiner who is bained in that field !