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### NEW YORK, SATURDAY, MARCH 20, 1897.

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### IMPORTANT AMENDMENTS TO THE UNITED STATES PATENT STATUTES.

A bill, H. R. 10,223, embodying important amendments to the Patent Statutes of the United States, has In the past we have, on several occasions, noticed the progress of these particular amendments, which are the most serious ones which have been proposed for many years—serious in the good sense of conservatism and proper origin, not serious in the sense of subverting the rights either of the public or of the inventor. We publish elsewhere in parallel column the portions of the old patent statutes affected by the amendments, together with the same portions as amended. An interesting feature in the case is that the bill passed the Senate on March 3, and was signed early on the morning of March 4, this being one of the last official acts of President Cleveland.

The first amendment enacts that publication or patenting of an invention here or abroad, more than two years prior to the application for a patent in the United States, will prevent the obtaining of a patent here. Thus, if the matter of an invention has been published or patented, perhaps by some one who was not the first and original inventor, the original inventor will be prevented from obtaining a patent unless he applies for it within two years of such publication. The doctrine of public use is to the effect that, if an invention has been in public use or on sale in Office has a year only allowed him, except by special this country over two years, no patent can be obtained, abandonment being virtually construed as heretofore. Now the same obtains for patenting or publication tablish damages for infringement within a definite here and abroad. The inventor's resource against this restriction on his right to a patent is perfectly good and effective; namely, diligence. He has the very adequate period of two years given him within which to protect his rights in this country.

Another amendment, really subsidiary to the above, establishes a plea to the effect that such publication or patenting is a valid defense in a patent suit.

About the most radical of the amendments applies to section 4,887 of the patent statutes. Hitherto an inventor could patent abroad and then at any time within the life of his foreign patent or patents could States patent was limited by the life of the earliest expiring foreign patent. It sometimes happened that he would not apply here until some years after obtaining to be a success. This is all changed. After a foreign patent has been issued, the United States patent must be applied for within seven months of the date of filing of the foreign application, or no patent can be obtained. The life of the foreign patents of earlier date of expiration, however, has no longer any effect upon the term of the United States patent.

of a patent here by the term of a foreign patent to the same inventor has been much discussed. The limitation of the period, however, often worked great injustice to the patentee, and it is for his benefit that it is done away with. At the same time, by the adoption of the seven months' period, the inventor is urged to mittee of the Bar Association appointed to formulate use diligence, and without such diligence forfeits his patent rights absolutely. The period of seven months was selected in order to harmonize the practice with rights of the inventor have been curtailed thereby, and the articles of the international convention, and in that in that respect it works a wrong; but we believe practice does not affect the interests of American in- that this is not the case, and that it will correct many ventors.

The old system of giving to an applicant for letters patent successive periods of two years each for action on pending applications afforded an opportunity of keeping a patent application alive for years. In several when infringement has taken place. This new law does well-known cases this led to great abuses. Recently the Commissioner of Patents has, without any special legisbill, H.R. 10,202, was also approved by the President lation, endeavored to abbreviate the period within which is intended to facilitate the bringing of infringe which amendments should be filed to six months. It | ment suits. was at first intended to so amend the statutes as to make them harmonize with this present practice in the Patent Office, but so much pressure was brought to bear by attorneys and inventors that it was finally decided to make the term within which action must be taken one year, and the bill was so amended.

veyance of a patent shall be prima facie evidence of its execution. This prevents the necessity for sending a commission to distant parts of the world or for arranging for such with local counsel simply to get statutory evidence of such transactions upon the record in a patent suit.

Another amendment fixes the period over which an accounting for damages may extend. Hithertothis has been a very variable quantity. Sometimes it was fixed by the laws of the State within which the action was brought. In the absence of such laws, the accounting might go back for many years. Thus it has happened that a patent had expired a number of years, yet damware, as well as for waterproof paper and paper for retaining moisture.

Briguettes from Culm Heaps.

Transmutation in Minerals.—Gems manufactured from the natural constituents.

17694

such a case, be either dead or impossible to find. The reasons, it is not li patent might be in the hands of speculators who had such a case, be either dead or impossible to find. The reasons, it is not likely that in its present form it will

bought it simply to use as a weapon to obtain damages as hard to disprove as to prove.

Again, accountings are too often used to frighten parties to the suit into a settlement. Such a settlement recently been enacted by Congress and became a law may barely pay the expenses of the accounting; the on the day of the inauguration of our new President. amount paid may be but a tithe of the damages allowed by the master, but the moral effect in inducing other alleged infringers to pay royalty is very great. Instances are too numerous where, on accountings, the most exorbitant claims were made and allowed. With a period extending through twenty or thirty years in the past, the counsel had a field for the exercise of much ingenuity in establishing damages. Now the period of an accounting covers only the six years prior to the filing of the bill of complaint or issuing of the writ in the suit or action in question. This seems an ample period. It is not policy for the law to encourage an inventor to let his rights lie in abeyance until some infringer, perhaps an innocent one, shall have accumulated enough obligation to make him a valuable object of attack. The new amendments here, as elsewhere, are in the direction of inspiring diligence.

A brief résumé of the amendments may be thus put: The inventor, if he finds that his invention has been published or patented, must apply for his patent within two years of the date of such publication or patenting. The foreign patentee must seek to protect his rights here within the seven months of filing his application in the country of origin. The applicant in the Patent allowance from the Commissioner, within which to take action on his application. The patentee can only esperiod, whose extent was determined by the general sense of State statutes of limitation. A United States patent is good for the period fixed by its date. The expiration of a prior foreign patent does not limit as heretofore the life of the United States patent.

These amendments are the results of the work of the American Bar Association, and carry with them a weight of authoritative backing that is seldom found in parallel cases. They were formulated by a special committee under the chairmanship of Edmund Wetmore, one of the leaders of the American Patent Bar, and the roll of the committee included such names obtain a patent here. But the life of his United as Wilmarth H. Thurston, ex-Patent Commissioner Charles G. Mitchell, Paul Bakewell and many other leading patent lawyers. Extensive correspondence was had with solicitors and others concerned in the amendforeign patents and not until the invention had proved ments. They were finally presented to Congress and have passed with but little change.

At the end of the amendments thus far considered, and which may be grouped together, comes an entirely new statute. It provides that whenever the head of any department of the government shall request the Commissioner of Patents to expedite the forwarding of an application for a patent, such head of a department The theory of the old provision for limiting the life must be represented before the Commissioner in order to prevent the improper issue of a patent.

The bill, when first presented to Congress, received a good deal of criticism from attorneys and others, but rarely has a bill ever received such a strong backing, and the fact that it was the production of the comand present the bill brought it at once to the favorable consideration of Congress. Many believe that the abuses that have arisen in the past, and that it is for the interest of the community that due diligence should be used, not only in filing and prosecuting applications for patents, but in seeking damages for infringements not go into operation until January 1, 1898. Another

### THE PROPOSED MAMMOTH RELIEF MAP OF THE UNITED STATES.

A resolution was recently passed by the Senate and favorably reported by the library committee, which provided for the appointment of a commission of five A somewhat more technical amendment provides to investigate the practicability of building a mamthat a properly acknowledged assignment, grantor con- moth ground map of the United States. In the wording of the resolution the commission was to "examine into and report to Congress upon the practicability, advisability and cost of establishing at or near the city of Washington a ground map of the United States of America, on a scale of one square yard of map surface for each square mile of actual area, said ground map to be as nearly as may be our country in miniature, reproducing in earth and other materials, on scale, the boundaries and the topography, all the natural and artificial features of the surface, showing geographical divisions, also mountains, hills and valleys, forests, rakes and streams, cities and villages, and that said commission is to serve without compensation." The ages were asked for infringements committed during matter did not meet with favorable consideration in the life of the patent. Most of the witnesses would, in the House and failed to pass. For certain very obvious

The proposal to establish a national map at the capi- promulgating the terms of the treaty. This is a great to say, however, that the gentlemen who cast their relations with that country. complacent vote on this occasion had not the least con- A commercial museum is being established at Osaka, ception of the financial burden which they were pre- and Americans should protect their wares by letters paring to lay upon the tired shoulders of the taxpayer; patent before sending them to Japan for exhibition. for it now appears, according to a competent authority, that the proposed map, if carried out strictly on the lines of the resolution, would cost in round numbers some \$500,000,000!

Of course the commission of five would not have invented or discovered any new invented or discovered any new gone far in its inquiry before it began to realize the gigantic nature of the undertaking; and if it had included an expert in relief map construction, it would have seen at the very outset that the scale proposed, namely, "one square yard of map surface for each square mile of actual area," was altogether out of the question. Indeed, the most cursory estimate of the size of the completed work shows the impossible dimensions which it would attain, and we think the august body that committed itself to the scheme will learn with unmixed astonishment that it would be a six or seven mile drive to get round the map if it were built.

The United States have an east and west measurement of 3,000 miles and they extend north and south about 1,900 miles. On the proposed scale of 3 feet to the mile the ground map would be over a mile and a half long and over a mile wide, and there would be 5,700,000 square yards of ground surface to be modeled. If the model were to be given the proper degree of curvature, it would rise to a height of 1,440 feet above the ground level, or to over two and a the plaintiff or his attorney, the plaintiff or his attorney half times the height of the Washington monument! But supposing that the scheme as it presented itself to the mind of the Senate was more modestly outlined, and that the proposed map was to be built, on the flat, the cost, judged by the current prices ented or described in some printthat are paid for such work, would more than absorb the whole annual revenue of the United States government. Models that have heretofore been made for the scientific bureaus of the government have cost, we are told, \$10 to \$50 a square foot, and generally the higher price. If the work could be done at the lowest for his invention or discovery, from receiving a patent for his rate, it would cost, as anyone may readily estimate for himself, over \$500,000,000.

The passage of this peculiar resolution has brought to this office a characteristic contribution from Mr. Cosmos Mindeleff, of Washington, in which the utter impracticability of the scheme is set forth. The writer. United States for more than two foreign country, unless the apwho is entitled to speak with authority on a matter of this kind, makes this incident the occasion for a lengthy and interesting account of the art of relief map construction. The paper, which is illustrated by diagrams and a map, will be found in the current issue of the expireat the same time with the country.

The utter impracticability of the scheme is shown by a consideration of some of the details of the cost, as term, and in no case shall it be worked out by Mr. Mindeleff. As a material of con- in force more than seventeen struction, earth is out of the question, that is, if the years. model is not to be quickly worn away by the elements. Asphalt or cement is suggested; but the first costs over \$2 a square yard, and cement more. If the asphalt in two years after the filing of in one year after the filing of the surface could be laid for \$1 per yard, this would require an appropriation of over \$5,000,000 for surfacing the model. To build up the contours in wood, as would; have to be done to secure permanent work, would re-! therein, of which notice shall therein, of which notice shall quire some 1,000,000,000 feet of lumber, and the total havebeen given to the applicant, have been given to the applicost of the material of all  $\ kinds\ would\ be\ not\ less\ than_{\,|}$ \$30,000,000. At 50 cents per square foot for modeling, instead of \$50 (the price which has been sometimes tion of the Commissioner of isfaction of the Commissioner of paid), this item would cost \$25,000,000, and taken altogether, the estimate for the completed map cannot be brought down below \$75,000,000.

At the same time, if the scheme were properly modified, there is no doubt but an effective work could be writing; and the patentee or his writing, and the patentee or his produced. On a sale of 3 miles to 1 inch, the map assigns or legal representatives assigns or legal representatives would be less than 100 feet in diameter, and the whole may in like manner, grant and may in like manner grant and would be less than 100 feet in diameter, and the whole convey an exclusive right under convey an exclusive right under of it could be placed under cover. The scale would his patent to the whole or any his patent to the whole or any allow the topographical details to be brought out with specified part of the United specified part of the United sufficient distinctness, and the cost would be about States. An assignment, grant, States. An assignment, grant or fifty thousand no means prohibitive

# JAPANESE PATENTS.

The interest that is being taken by American manu-Patent Office within three Patent Office within three facturers in the extension of the rights of protection by months from the date thereof. letters patent in Japan to American citizens is shown by the great number of inquiries that have been received by the Department of State during the past two months for information concerning the new convention between the two countries. The Japanese patent laws were established some years ago, but the privileges of the patent system were only extended to natives. The Japanese, being a progressive and inventive people. eagerly sought after and introduced American inventions and devices which could not be protected by the foreign inventor. On January 13 of this year a treaty was drawn up providing for the reciprocal protection of patents, trade marks and designs. The exchange of ratifications took place at Tokio on February 8, and on March 9 President McKinley issued a proclamation

tal city of the United States is certainly, on the face of step forward for Japan in the march of civilization, it, not unattractive, and no doubt it commanded the and will serve to develop the country industrially and ready support of the members of the Senate. It is safe will doubtless serve to advance greatly our commercial

### AMENDMENTS TO THE PATENT STATUTES.

THE OLD STATUTES.

SEC. 4886. Any person whohas and useful art, machine, manufacture or composition of mat-facture, or composition of matter, or any new and useful improvement thereof, not known provements thereof, not known or used by others in this country. and not patented or described in before his invention or discov any printed publication in this or ery thereof, and not patented or invention or discovery thereof, tion in this or any foreign counand not in public use or on sale try, before his invention or disfor more than two years prior to covery thereof, or more than two his application, unless the same years prior to his application. is proved to have been aban- and not in public use or on sale doned, may, upon payment of the in this country for more than fees required by law, and other two years prior to his applica-

SEC. 4920. Inanyaction for inplead the general issue, and havon trial, any one or more of the special matters:

Third. That it had been pated publication prior to his sup

SEC. 4887. No person shall be foreign patent, or, if there be more than one, at the same time with the one having the shortest

SEC. 4894. All applications for prepared for examination withavoidable.

SEC. 4898. Every patent or any

SEC. 4921. The several courts

THE AMENDED STATUTES.

SEC. 4886. Any person who has and useful art, machine, manuor used by others in this country any foreign country, before his described in any printed publicadue proceedings had, obtain a tion, unless the same is proved to have been abandoned, may, upon payment of the fees required by law, and other due proceeding had, obtain a patent

therefor. SEC. 4920. In any action for fringement the defendant may infringement the defendant may plead the general issue, and having given notice in writing to ing given notice in writing to thirty days before, may prove, thirty days before, may prove on trial any one or more of the following special matters:

Third. That it has been patented or described in some printed publication prior to his supposed posed invention or discovery invention or discovery thereof, or more than two years prior to his application for a patent therefor,

SEC. 4887. No person otherwise debarred from receiving a patent entitled thereto shall be debarred nor shall any patent be declared invention or discovery, nor shall invalid, by reason of its having any patent be declared invalid. been first patented or caused to by reason of its having been first be patented in a foreign coun- patented or caused to be patenttry, unless the same has been ed by the inventor or his legal introduced into public use in the representatives or assigns in a years prior to the application. plication for said foreign patent But every patent granted for an was filed more than seven months invention which has been pre- prior to the filing of the applicaviously patented in a foreign tion in this country, in which case country shall be so limited as to no patent shall be granted in this

SEC. 4894. All applications for patents shall be completed and patents shall be completed and prepared for examination withthe application, and in default application, and in default therethereof, or upon failure of the of, or upon failure of the appliapplicant to prosecute the same cant to prosecute the same withwithintwo years after any action in one year after any action they shall be regarded as aban- cant, they shall be regarded as doned by the parties thereto, abandoned by the parties thereunless it be shown to the satisfac- to, unless it beshown to the sat-Patents that such delay was un- Patents that such delay was unavoidable.

SEC. 4898. Every patent or any interest therein shall be assigna- interest therein shall be assignable in law by an instrument in ble in law by an instrument in eyance shall be void as conveyance shall be void a against any subsequent pur- against any subsequent purchaser or mortgagee for a valu- chaser or mortgagee for a valuable consideration, without no- able consideration, without notice, unless it is recorded in the tice, unless it is recorded in the months from the date thereof.

> If any such assignment, grant, or conveyance of any patent shall be acknowledged before any no- company for obtaining money under false pretenses. tary public of the several States or Territories or the District of Columbia, or any commissioner of the United States Circuit Court, or before any secretary of legation or consular officer authorized to administer oaths or perform notarialacts undersection seventeen hundred and fifty of the Revised Statutes, the certificate of such and official seal of such notary or other officer, shall be prima facie evidence of the execution of such assignment, grant or conveyance.

vested with jurisdiction of cases vested with jurisdiction of cases arising under the patent laws arising under the patent laws shall have power to grant in-shall have power to grant injunctions according to the course junctions according to the course and principles of courts of equi- and principles of courts of equity, to prevent the violation of ty, to prevent the violation of any right secured by patent, on any right secured by patent, on such terms as the court may such terms as the court may deem reasonable; and upon a deem reasonable; and upon a decree being rendered in any decree being rendered in any such case for an infringement, such case for an infringement the complainant shall be entitled the complainant shall be entitled to recover, in addition to the to recover, in addition to the profits to be accounted for by profits to be accounted for by the defendant, the damages the the defendant, the damages the complainant has sustained there- complainant has sustained thereby; and the court shall assess by; and the court shall assess the same or cause the same to be the same or cause the same to be assessed under its direction. assessed under its direction. And the court shall have the And the court shall have the same power to increase such same power to increase such damages, in its discretion, as is damages, in its discretion, as is given to increase the damages given to increase the damages found by verdicts in actions in found by verdicts in actions in the nature of actions of trespass the nature of actions of trespass upon the case.

But in any suit or action brought for the infringement of any patent there shall be no recovery of profits or damages for any infringement committed more than six years before the filing of the bill of complaint or the issuing of the writ in such suit or action, and this provision shall apply to existing causes of action. SEC. 7. That in every case where the head of any Department of the Government shall request the Commissioner of Patents to expedite the consideration of an application for a patent it shall be the duty of such head of a Department to be represented before the Commissioner in order to prevent the improper issue of a patent.

SEC. 8. That this Act shall take effect January first, eighteen hundred and ninety-eight, and sections one, two, three and four, amending sections fortyeight hundred and eighty-six, forty-nine hundred and twenty, forty-eight hundred and eightyseven and forty-eight hundred and ninety-four of the Revised Statutes, shall not apply to any patent granted prior to said date, nor to any application filed prior to said date, nor to any patent granted on such an application.

Approved, March 3, 1897.

# ANOTHER NEW PATENT LAW.

An act defining the jurisdiction of the United States circuit courts in cases brought for the infringement of letters patent. H. R. 10,202.

Be it enacted, by the Senate and House of Representatives of the United States of America in Congress assembled, That in suits brought for the infringement of letters patent the circuit courts of the United States shall have jurisdiction, in law or in equity, in the district of which the defendant is an inhabitant, or in any district in which the defendant, whether a person, partnership, or corporation, shall have committed acts of infringement and have a regular and established place of business. If such suit is brought in a district of which the defendant is not an inhabitant, but in which such defendant has a regular and established place of business, service of process, summons, or subpæna upon the defendant may be made by service upon the agent or agents engaged in conducting such business in the district in which suit is brought.

Approved, March 3, 1897.

# PATENT ATTORNEYS APPEAL.

Charges of violation of the law have been made by a number of local patent attorneys before Postmaster-General Wilson against the National Recorder, a periodical devoted to patents, and John Wedderburn & Co. The spokesmen were J. R. Edson, Walter R. Rogers, ex-Commissioner W. H. Doolittle, and Ernest Wilkinson, who claimed in substance that Wedderburn & Co. publish and circulate through the mails the National Recorder, which it was said had for its chief object the advertisement of a private business which is ostensibly that of securing patents for inventors. It was asked that the paper be barred from the mails as a fraud, and that a fraud order be issued against the

It was alleged that the company offers to subscribers prizes for valuable inventions; the originators of ideas in certain cases receive also from the firm certificates of patentability from a "board of experts." The prizes and certificates, it was claimed, by their manner of issue, are calculated to deceive inventors. Some fiftyfive patent attorneys signed the charges left with the Postmaster-General. Among them were F. L. Middleacknowledgment, under the hand ton, F. L. Dyer, W. H. Myers, ex-Commissioner Ellis Spear, ex-Commissioner E. M. Marble, James L. Norris, Butterworth & Dowell, W. A. Bartlett, Whitaker & Prevost, Franklin Hough, V. R. Catlin, and E. B. SLJ. 4921. The several courts | Stocking. - Washington Post.