# Scientific American.

sparks to be first diverted outwardly, then deflected down- workman, the Assistant Commissioner affirmed the decision manner or means to aid in the prosecution of such patent wardly and centrally against the inner walls of the upper of the Board of Appeals to the effect that, although the applications within two years next after he shall have furnace, whence they fall into the lower closed funnel, and workman may have been the first to suggest and describe a ceased to be such officer, clerk or employé; that any perare drawn (by a current induced by the force of the next certain portion of the device in controversy, yet, in view of son in the service of the United States violating the problast) up between the inner walls of the lower furnace and the decision of the Supreme Court in the case of the Union visions of this act by knowingly recognizing any such exthe outer walls of theupper funnel into the main current, in Paper Collar Company vs. Van Deusen et al., 7 O. G., p. officer, clerk or employé in any application for letters patwhich they circulate.

which the rolling curtains are adapted for lowering from discoveries auxilliary to the plan and preconceived design the United States; and the District Attorney shall proceed the top has been devised by Mr. William W. Pickford, of of the employer, the suggested improvements are in general by writ of quo warranto, against any person in the United East Palestine, Ohio. In this improved curtain fixture the to be regarded as the property of the latter, and may be em. States service who shall violate the provisions of this act, and holders and clamps for the curtain cords are arranged in a bodied in his patent as part of his invention, the priority shall prosecute the same to the removal of such person from novel and ingenious manner.

A Tail Piece for Guitars has been invented by Mr. Jacob Abraham, of Silver City, New Mexico, which is made of for the registration of the word "Hibernicon" as a trade if Congress has power to pass such a law under the Constimetal or other suitable material and is combined with a mark, to be used in connection with an exhibition, against tution. flanged foot rest, the object being to effect the vibration and the decision of the examiner of trade marks, the Assistant at the same time prevent cutting or scratching the box of Commissioner decided that the trade marks which the law the guitar.

# Communications.

## Our Washington Correspondence. To the Editor of the Scientific American :

As a result of a recent competitive examination the following promotions have been made in the corps of assistant examiners in the Patent Office: To be first assistant examiners-R. L. B. Packard, of Maine; L. B Wynne, of the District of Columbia; S. Brashears, of Maryland; and F. S. Williams, of New York. To be second assistant examiners F. B. Pierce, of New York; H. S. Underwood, of Mississippi; George P. Fishee, of Delaware; and R. Mason, of Tennessee.

#### PATENT OFFICE MATTERS.

to the examining corps which is causing some little excite- the harness up until the horse should be placed thereunder, matter through the mails. ment among the attorneys practicing before the office.

any one reading the patent, even if unskilled in patent mat- article, the case ought to be divided, as a strict attention to damaging the covering. ters, would see not only what is claimed, but would see set the maintaining of the classification of the office was neces forth clearly the exact state of the art upon which the in- sary both for the good of the public and for the convenience ; vention was based. The fact that, owing to the great num- of the office in making searches. this respect.

instead of having the specification so worded as to convey should be given in favor of the applicant. the idea to unskilled readers that the patent covers the whole machine or device shown therein, when it really covers only ble progress is being made with the work of restoring the surrounding high lands, the water will be taken round through some little point that is of very little value to any one and partially destroyed models. About 140 hands are employed the upper portion of the Mexican State of Sonora, but the only useful as a means of obtaining a patent. There is no at present, and the interior of the north hall has the appear- distance the water supply has to be taken is not mentioned doubt that many worthy people have been badly swindled ance of a large machine shop. Long rows of benches fur- in the bill. through purchasing "rights" in patents of this character, nished with lathes and vises extend from one end to the and if such swindles can be avoided it will certainly help to other, and on which a variety of work is carried on. Large Land Office that this said-to-be useless waste or "desert" of sustain our patent system against the outcry now being numbers of models are being picked out which when cleaned 3,500,000 acres is already capable of growing tolerably abunmade against it.

In the application for the reissue of the patent No. 19,786, granted to John L. Mason March 30, 1858, and extended in peals, who had rejected the first and fourth claims, the Commissioner affirmed the decision on the ground that the first | to two columns, which allows of a much better display of also flourishes here. This bean grows on trees, not vines, claim, which was for "a screw chuck or former for caps of the engravings, as under the old style the engravings had and supplies the nomads of that region with abundant shade the reference cited, which showed a V-shaped thread only, gible in many cases. as it required but the smallest amount of intelligence to enable one to take off the cutting edge formed by the apex of gin the business of a patent agent to get a position in the in vegetation as this is called a "desert," what must fertile the thread so as to make it round, when it was found that it Patent Office in some way, and then, as soon as they had a regions be?

would have to be awarded to the employer.

contemplated referred solely to marks to be used on articles denote the origin or ownership of the articles of trade to which it was attached, and that therefore a trade mark confirmed.

been taken.

In the case of the application of Getzendanner and Margreardt, which had been required to be divided by the ex- ness that would be brought thereto by the large dealers in collar having a peculiar contrivance for automatically con- consideration, and if any way can be devised to overcome necting the two parts of the collarat the lower ends, and the the obstacle, a reasonable latitude of construction will be The Commissioner of Patents has recently sent a circular other device consisted of a suspending apparatus for holding given to the law governing the transmission of third class when the harness was released and dropped on the horse,

no doubt look better than before the fire.

919, that a person having made a new invention and em- ent or any interest in letters patent as counsel, attorney or An improvement in that class of Curtain Fixtures in ploying others to carry it out, if the employed persons make agent, shall be, ipso facto, discharged from the service of office. Bills similar to this have been introduced into Congress An appeal having been taken in the case of Chas. McEvoy several times before, but have never passed, and it is doubted

### A CHANCE FOR INVENTORS.

#### I find the following in one of our dailies:

"The Post Office Department is considering a large numof trade, and that the purpose of a trade mark was to ber of petitions from persons in all sections of the country who desire to transmit samples of flour through the mails at third class rates. Heretofore the principal difficulty in the nected with an amusement was something not contemplated way of compliance with the petitions is the objectionable by the law, and the examiner's decision was therefore af- nature of the material sought to be transmitted. Under the postal regulations, as now existing, articles transmitted The Commissioner in Kilmer's interference case has again in the mails must be so put up as to enable postmasdecided, as on a former occasion, reported some weeks ago, ters to ascertain the contents without damaging the wrapthat he would not allow a preliminary statement to be pers, and flour cannot be so inclosed without damaging the amended where the testimony of the opposite party had other contents of mail pouches. It is believed that, could this difficulty be overcome, a very considerable revenue might be derived to the department from the increased busiaminer, because one of the devices related to a harness the commodity referred to. The matter is receiving careful

This seems to be a good chance for inventors to get up The circular requires that the examiners shall exercise the Commissioner decided that in view of the fact that each some new style of envelope or bag for mailing purposes, to greater care in cases before them to see that the state of the of the devices in question operated independently of the beused for samples of flour, sugar, tea, and many other arart prior to the applicant's invention is stated specifically in other, that the harness would act just as well without the ticles in the grocery line, that will not spill the contents the specification, and where it is an improvement on a pre- suspending device, and that the latter could be used to hold among the other mail matter and yet allow of a ready exviously patented article, it must be so stated, in order that up a collarhaving a totally different fastening, or any other amination being made by the Post Office authorities without

#### ANOTHER RAID ON "DESERT" LANDS.

The Commissioner of the General Land Office has under consideration a bill referred to him by the House Committee ber of patents granted with claims of a trivial nature, our The St. Louis Beef Canning Company having applied for on Public Lands, to authorize O. W. Wozencraft and his patent system has grown into considerable disrepute, the a trade mark for canned meats in which the figure of an ox associates to irrigate the "desert" west of Fort Yuma, in Commissioner thinks is sufficient reason for greater care in was the symbol desired to be registered, the examiner of California, which is said to contain about 3,500,000 acres. trade marks refused it on the ground that it was descriptive; The bill provides that the company shall be allowed ten years Many of the attorneys are of the opinion that the ideas the Assistant Commissioner reversed the decision on the to supply this tract with water from the Colorado river by set forth in the Commissioner's circular cannot be carried ground that as the trade mark was designed to be ap- aqueducts, ditches, or canals sufficient for the purposes of out, as it would be impossible to set forth the state of the plied to all kinds of meat, it could hardly be considered as travel and emigration over the said desert, and also for irriart in many cases without making the specification of an descriptive, certainly not to all other meats except beef, and gation. The land so irrigated at the end of ten years is to inordinate length. It is probable, however, that the office as to the latter the name of the figure represented was differ- be conveyed in fee simple to Wozencraft and his associates will not require such a full statement as to cumber up the ent from the commercial name of the article contained at such price as shall be fixed by a commission to be apspecification in this manner, but only when it can be clearly within. In this respect the use of a tomato on canned to-pointed by the Secretary of the Interior. This tract is supseen that the alleged invention is only a slight improvement matoes or an ear of corn on canned corn differed essentially, posed to have been at some remote period the bed of a sea or on a previous machine or device that it shall be so stated, and as these considerations give rise at least to a doubt, it a part of the Gulf of California, and is represented as being about 200 feet below the Colorado, from which it is proposed A recent visit to the burned district shows that considera- to take the water for irrigation, etc. In order to avoid the

It would appear, however, from the official surveys in the and painted look as good as new, and many of them I have dant vegetation. It is stated therein that when the Colorado overflows into the New river, that sinuates through the so-The first number of the Patent Office Gazette for 1878 has called desert, leaving a little water in the hollow places, 1872, an appeal having been taken from the Board of Ap- just been issued, and is a great improvement on that of last "weeds" spring up which in thirty days grow to a height year. The form of the page has been changed from three of 12 feet and a diameter of 14 inches. The mosquito bean sheet metal provided with a rounded thread," was met by to be so much cut down as to render them almost unintelli- and cheap food, and it is stated that a single tree feasted twentymules for three consecutive nights, without apparently It has been the practice with many persons desiring to be- making a diminution of the crop! If land that is so prolific

# THE NATIONAL OBSERVATORY.

cut the metal of the cap during the process of spinning. slight knowledge of the practice of the office, resigning on With regard to the fourth claim, which was for a screw purpose to open a patent agency. In this manner they got chuck or former made tapering toward its outer end, the Uncle Sam to pay them while they were educating them- some extent, looking to the removal of the Observatory to Commissioner decided that as screw chucks were old and selves for their own private business. This, however, is not some position which shall possess the advantages of healthtapering formers were also old, there was nothing patent- the worst of the matter, for some of them took lists of all par- fulness, clearness of atmosphere, and convenience of access, able in combining the two, as their functions were in no tially rejected cases they could find and then wrote to the in which the present location lacks, as the river fogs obscure wise modified by the combination.

In the interference case of Adelbert Gates (deceased) vs. the Patent Office had given them, and stating that unless they the malaria sickens the officials; the hill on which it is built Hiram Rowe, motion having been made that the preliminary were employed, the cases referred to would finally be re- has been so cut into in laying out streets surrounding it that statement be amended, and it appearing that said statement was made by the brother of the inventor, acting as ad- out of the hands of experienced practitioners. Worse than the instruments. In addition to this the buildings are so old ministrator, who, since filing the statement, had discovered this, one or two have been credited, or rather discredited, as to be falling to pieces, and are not worth repairing. These that one E. P. Bennett, who had recently returned home with rejecting cases previous to their leaving the office, so old buildings, which the recent "Fire Commission" stated after an absence of several months, had knowledge that the that they might have a chance to get them passed afterward, were regular tinder boxes, contain a valuable library, priceinvention was of earlier date than that given in the statement, and that it was unknown by the administrator at the time of making the statement that said Bennett knew any- provides that it shall be unlawful for any officer, clerk or ing \$300,000 for the purpose of erecting a new building, thing of the invention, the Commissioner decided that the employé of the Patent Office to act as counsel, agent or at- which it is believed will be put up on the hills north of the statement ought to be amended, especially in view of the torney in the prosecution of applications for letters patent, city. It is intended to purchase about thirty acres of ground, fact that no testimony had been taken in behalf of Gates. or of any interest in letters patent, or be interested, directly so that the Observatory will not be interfered with by the In the interference case of Stearns vs. Wood, in which the or indirectly, in any firm established for prosecuting patent smoke of surrounding factories or dwellings. parties occupied the relative positions of employer and applications, or of any interest in letters patent, nor by any | Washington, D. C.

A bill has been introduced into the Senate and debated to ventors, boasting of the facilities that their connection with the sky, rendering observations at many times impossible; jected, and in this manner took a large amount of business access is difficult, and the traffic in the neighborhood affects when acting as agents. To prevent these practices a bill less records, and the finest telescope in the world; and the has been brought into the House by Mr. Douglass, which Senate committee therefore agreed to report a bill appropriat-

OCCASIONAL.