#### PITTSBURG DISPATCH. THE SUNDAY, JUNE 29, 1890.

stage itself.

Bolling Drinking Water.

It is the custom to believe that the mos

impure water will be rendered pure by bog-

ng, and that an absolute safeguard against

the danger of water containing disease germs is thus afforded. While it is true

that the water is not necessarily purified,

but that simply the power to produce a spe cific disease is removed.

Two-Shell Bollers.

standing a pressure of 150, surrounded by a shell whose sate working pressure was 100.

A Mute Planoforte.

An English engineer proposes to make



16

A Charming Letter of Travel From the Pen of Mr. Henry Phipps, Jr., of the Gas City.

THE SLAVE TRADE EXEMPLIFIED.

Two Lads of Ten and Twelve Chained to the Floor of the Tourists' Steamer by an Arab Dealer.

DEVOTION OF A SWARTHY MOTHER.

Wanderful Sights and Scenes in the Land Where Civilization Had Its Birth.

> was written by Mr. Henry Phipps, ander date of Constantinople, April 21, to Mr. John A. Brashear, and is reproduced here through the latter's courtesy: I wish you could have been with us on

the trip, which is now drawing to a close. It has been instructive, long and interesting, and most of it over ground entirely new to us. The climate of

HE following letter

Egypt is very fine, much like what you and I enjoyed in Southern California about a year ago. Passing through Italy on our way southward, that land famed for art, poetry and romance, we stopped at Ravenna, which is a charming old town, where Byron lived, loved and wrote. During the great days of Rome, Ravenna was a seaport, but now it is eight miles from the Adriatic. Not only people, customs, laws and religion change, but even the very land itself is shifting and changing. We saw much that called forth our enthusiasm, not only at Ravenna, but at Eimini and Aneena, which we took in on our way to Brindisi, where we sailed on a P. & O. steamer January 20.

CAME NEAR GOING TO PIECES.

A voyage of four days of bright skies and lovely seas brought us to the fine harbor of Alexandria, where we came to anchor at 7 c'clock in the morning of a June like day. But here my little troubles began. I was beset by a crowd of men, big and noisy, of various colors and costumes, and some with but little clothes to speak of. They were talking in a strange tongue and gesticulating fiercely, all eager to move our luggage, and it was very exciting guarding our dozen pieces of impedimenta. Two or three arti-cles would be suatched up by as many men, only to be put down on my demand, and then turning 'round I found half a dozen of our bags moving off in another direction; but the persuasive movements of my cane preserved our property, and just at this

Section of the Great Pyramid.

juncture, when my need was the sorest, an agent of Gazes offered his services, and thanks to his energy we were hurried

another place in the growd to continue the struggle. One of the tourists humanely suggested throwing water on them, which was done, and calmed the strife so that the saddles could be distributed without being torn to pieces. Many poor fellows were disappointed, but it could not be helped. The distance to Abrdos was seven miles in a hot, blazing sun, and the owner and attendant of the donkey had to run along with it at a pretty lively rate and the regulation pay was only equal to 10 or 15 cents of our American money. What the pay for the donkey was we do not know, as it was embraced in our Cairo, on a road lined with fine trees, whose widespread branches meet overhead, brought us to the great Sphinx. Though it is sadly mutilated, and even so recently as last March made worse by the vandal hands of British soldiers, whose aim should have been to protect and not to destroy, yet it has remnants of its strange beauty and dig-nits which with its antionity have called has remnants of its strange beauty and dig-nity which, with its antiquity, have called forth many an eloquent tribute. Of course we did the pyramids of Gizeh, mounted to the top of Cheops, the largest one, and, resting, reflected on the many changes the world had seen since this tomb and monu-mene of pride had been reared by the toil of thousands of slaves. For a full apprecia-tion of the size of this pyramid one must explore the inside and see, as we did, its immense and wonderful construction. The

Sell a

The trip up the Nile is delightful and in-

structive, and well deserves the praise be-stowed upon it. I hope you heard Miss Edwards' lecture. In her book, "A Thou-sand Miles Up the Nile," she says the trip consists of boat rides, dorkey rides and

ruins, and this is a good summing up, as

we found by pleasant experience. We were

three weeks on the steamer, making the trip to the first cataract and return. I had

pictured to myself that the banks of the Nile were bordered with reeds and aquatic

plants, but such is not the case, and it was rarely that the date palm, the most import-

ant tree of the country, comes to the edge of

TAXING THE DATE PALMS.

deeply buried, and we can thank the dry

the river.

we do not know, as it was embraced in our ticket. Speaking or blows inflicted on the natives, I may mention that at Assouan there were a number of Soudanese who, with the natives, crowded on the landing stage, and the whip was used to drive them interior was to us a work of more difficulty away, but when a Soudanese was struck, it was plain to be seen that it would be dangerous to repeat the blow. The flashing eye, the erect figure and the stern countenance told of centuries of wild freedom the race had enjoyed, and it was not in their

nature to brook a wrong. We were not sur-prised that the Soudanese in well-fought battlefields have again and again beaten the British army, until proud Britain was forced to abandon the struggle.

THE BASTINADO NO MORE. Thanks to English influence, bastinadoing

has been abolished in Egypt for non-pay-ment of taxes. This punishment has come down from the times of the Pharoahs, and perhaps even earlier, but I was surprised to learn from Mr. Russell, who was a member of Congress from Massachusetts, and who few acres did not pay his taxes he is now sold out, and he and his wife and children home and all are saved.

home and all are saved. The path of the reformer is a hard one, fighting the customs and prejudices of thousands of years. I wish the English all success in their good work in Egypt, and would be sorry to hear of their withdrawal. Among other strange things pictured on the tombs, is that of bastinadoing, it is shown even applied to women, though women stood higher, it is said, in Egypt than any ancient

#### A WHEEL WITH A METAL TIRE.

My mechanical friend, inventor and mu-Specimen of Early Egyptian Woodcarving. than climbing the outside, but it well repaid us, and a second or third visit heightens one's respect for these mighty monu-ments. The Arabs have a saying that "All things fear time, but time fears the pyra-



In the West Indies, the cocoanut palm trees are found usually in abundance, stretching along for miles right on the 3 ----Lifting the Water with cartouches or seals of great men on the trunk and branches, but I failed to find one of Adam at the root. He should not have

trees are found usually in abundance, stretching along for miles right on the border of the sea. From the deck of our steamer, the beautiful palm trees were always in view, and they gave a great charm to the landscape, and especially when the palms were bathed in the golden rays of the western sun, we had a lovely picture that will be treasured for more a demonst that will be treasured for years. Among the sad things one hears in this country is been omitted, as it was so near his time, according to some writers. I would think quite probable what you write of Dr. Draper, saying that there was that the date palms, which produce an im-portant article of lood, are heavily taxed after five years of age, whether they bear or not-and so, often in ignorance, the male a high state of civilization in Egypt 35,000 years ago. We saw no signs of the in ancy of art. The further back the more perfect it appears, and of course it could not have tree is destroyed to escape the burden of taxes to the owner, and thus the productive-

ness of the bearing palm trees is often insprung into existence at once, but must have been slowly evolved from a primitive Our boat would frequently tie up to enabeginning. Our pilot on the Nile was quite a charble the passengers to visit the ruins, which in many cases are in wonderful preserva-tion. For countless ages these ruins were acter, he stood at the bow of the boat, and when the water was shallow, measured the

HYPNOTISM IS A FAD

The Usual Phenomena Capable of Reproduction in Other Ways.

DEDUCTIONS OF DR. RICHARDSON.

Drinking Water is by No Means Made Pare by the Boiling Process.

A PIANO WITH A CHANGEABLE KEY

(PREPARED FOR THE DISPATCH.)

Dr. B. W. Richardson, in an exhaustive article on "The Hypnotic Epidemic." advances the opinion that hypnotism is simply, as was meamerism in former days, a craze, which will secure not more than a passing recognition at the hands of the medical profession. Several of the phenomena usually associated with hypnotism, he asserts, are quite capable of being exhibited independently. He relates that early in his medical

life one of the most widely known mesmerists of the time was accustomed to bring be fore his audiences a man called Jordan, whom he would mesmerize and then stick needles into in a free and promiseuous manner. On one occasion 10 needles were buried or congress from havenendects, and who spent three months on the Nile in a dhabeah and who got well acquainted with the people, that this humane reform he found to be unpopular, and the explanation was that if the lather who had a farm of a up to their eyes in Jordan's muscles, and so no sign whatever of pain.

Dr. Richardson says: "This would almost are reduced to poverty, and maybe, never to rise again, while from the bastinadoing in time the father recovers, and the little farm, by showing the same experimont on himself,

and by actually passing a threaded needle through his check, drawing the thread atter it. Later in life I found that this needle experiment was easily learned, and, if I wished, I could go at this moment to one of my learned colleagues of the Royal Society, who is also a distinguished member of the House of Commons, and see him perform the burying a needle in his muscles without winking or offering a sign of pain." Mr. Richardson also mentions two curious

and contradictory cases where anæsthetics were exhibited with unusual results. He

sical composer from Cincinnati, Mr. Doane, called my attention to a chariot shown with spoked wheels, and what we took to be tire. Another place showed carrier pigeons being sent to the four quarters of the world. On the walls at Luxor there is a large Sculptured picture of a genealogical tree,



general, produced by etner and other volatile substances, and that probabilities point to the extinction of hypnotism rather than velopment. There is httle doubt that these cels formed a part of a band migrating to the sea (the smaller specimens escaping and the larger being caught); and judging from the condition of the ovary, it would appear that they were impelled by the instinct of reproduction. SUCCESSFUL CLOSING UP OF A GREAT BUSINESS ENTERPRISE. The Everett Plane Club List New Complete

We are pleased to announce the fact that the membership of the Everett Plano Club is con plete, and at the same time are com-pelled to say that the Everett Plano Company will not supply us with planos for another will not supply us with pianos for another club at the price obtained for this one. We Optical Lamp to Scene Painting. A photographic journal points out how have, however, now on the way a carload of pianos which we will sell to cash or short much the theatrical scene painter can be assisted by the use of the optical lantern. The time buyers at the contract price, \$350. These will not last longer than a week or 10 usual course in painting a scene is first of all to make a small sketch of the composidays. After they are disposed of, the Everett piano will cost from \$425 to \$500. tion, and then to rule lines across it so as to divide it into squares. Similar squares are They are better at these prices than any then "struck" by charcoaled strings on the pine pine in the market. So if you want then "struck" by charcoaled strings on the large primed canvas as a guide to the artist, who then reproduces the sketch in its ena piano, come at once and secure one at the club price ere it is too late. large primed canvas as a guide to the artish, who then reproduces the sketch in its en-larged form. All this would be greatly hastened and simplified by photographing the original sketch, and throwing the image of the negative upon the whitened canvas, so that the scene painter could follow the outlines with charcoal or brush. In paint-ing means of limited area there much the The club piano this week goes to little Madge Murray, Morgan st., Allegheny. Certificate No. 254.

ALEX. Ross, Manager, 187 Federal st., Allegheny. TTSU

EXCURSIONS TO THE NORTHWEST.

outlines with charcoal of brank. In particu-ing rooms of limited area there might be a difficulty in finding space for the lantern; but there would even then be the alterna-tive of making the enlarged sketch on the Reduced Rates via the Pennsylvania Line to St. Paul., Minn.,

For the National Educational Associa-tion meeting. Tickets at one fare for round trip will be sold July 1 to 7, good returning until July 15 inclusive, or by special ar-rangement in St. Paul return limit can be extended to September 30. wsu

\$12.00 Week of Recreation, Cincinnat and Return, \$12.00.

that boiling kills the germs of disease, yet Pittsburg and Cincinnati Packet Line Steamers leave foot Wood at. daily (except Sunday) 4 P. M., for Cincinnati and all way the fact has been pointed out by the very highest authority that while boiling kills Sunday) 4 P. M., for Cincinnati and all way points. Fare to Cincinnati, meals and state-room included, \$7 00; or \$12 00 for round trip; or down by boat and return by rail, \$12.50. Return tickets good until used. Folders giving description of trip mailed to any address. To secure berths and other information apply to JAS. A. HENDEBSON, Sup't. the germs of a particular discuse, it yet, in reality, renders the water more impure than t was before, because by the very death of these germs dead organic matter is allowed these germs deal organic matter is allowed to remain in the water, which is shortly polluted by purefaction. Hence, while boiling is a most excellent precaution against the occurrence of typhoid fover or similar diseases, it must be borne in mind that the mater is not necessarily purified

We Wish You Good Luck, Or here's to you, expressions heard when the beer glass is tipped. Luck and good spirits attend all who drink our beer. D. LUTZ & SON. TTSu Telephone 3002.

boilers capable of withstanding greatly in-CATHOLIC prayer books in German and English, in all the latest bindings, at Jacob creased pressures by constructing them o two shells and maintaining a pressure in the space between them. A boiler to work J. Fuchs', 1710 Carson st. safely under a pressure of 250 pounds would consist of an inner shell capable of with-

EARLY CLOSING-Commencing July 1 and during the summer months our store will close at 5 P. M., Saturday 1 P. M. HUGUS & HACKE. TTSSu

AUFRECHT'S Elite Photograph Gallery, 516 Market st., Pittsburg. Prices lowest.

HARRIS' THEATER.

Th

Week Commencing Monday, June 30,

Webster-Brady Company in an elaborate production of the original version of H. kider Haggard's

SHE!"

Talented Dramatic Company,

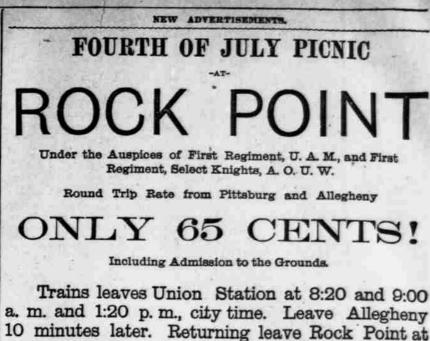
MAGNIFICENT SCENERY. Wonderful and Weird Mechanical

The Spectacular Event of the Season.

Week July 7-Inigo Tyrell in "His Natural life."

GUENTHER'S ORCHESTRA Beceptions, &c. Lessons on Flute and Piano given by PROF. GUENTHER, 69 Fifth ave., and Bis-sell block, room 532 ap20-su

A novel treatment of ingrowing toenails been introduced in France.

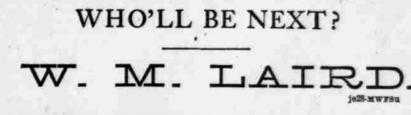




7:30 p. m., city time.

#### THE REGULAR SAMPLE SALE

Progressing finely at THE NEW RETAIL STORE, NO. 433 WOOD STREET. On account of further consignments, we are compelled to continue this sample sale at least for another week. Don't miss these golden opportunities.



## **KEECH'S**

Reducing valves allow sufficient steam to pass from the inner boiler to the space betoo far. It was incredible that the patient could feel anything in the densely frozen tissues, yet when the surgeon's knife divided them the cries of the man were tween the shells to maintain the required pressure, and the inner shell is thus sub jected to an unbalanced pressure of only 150 pounds, although containing steam at heartrending and continued so until the close of the operation. On the following day the patient wrote a warm letter of 250. Each compartment is, of course, pro-vided with salety valves. thanks to the Doctor, saying that from the beginning to the end of the operation he was unconscious of the slightest suffering. Being asked afterward why he cried so much he re-It is stated that a piano has been invented plied; "It was sheer tright. As soon as ] n which by means of a small lever under William (Ferguson) take up his the upper part of the keyboard the action knife I began to scream, and for the life of me I could not stop; the more I tried the may be disconnected from the strings, and worse I got, but positively I never felt a the instrument will become mute. The gen-touch of pain."

had on one occasion made a part of the body of a man so dead with ether spray that he

was afraid of having carried the local death

through an operation under ether spray not through an operation and through an operation an operation and through and through an operation and throug 

phenomena apparently hypnotic which are produced by other means. Narcotic drugs and vapors frequently have this effect, and he once made a vaporisable compound after inhaling which persons would be brought into a state of dream or unconsciousness, and would do anything requested of them carrying on conversation, etc., without any after recollection of what had occurred. The administration of haschish is followed by the same results. Dr. Richardson's ulti-matum is that, judging by past experience,

for the temporary annihilation of pain the hypnotic method will never become a serious

rival of the physical anasthesia, local and

not go through the same ordeal again. Dr. Richardson gives illustrations of

possible.

Stokers Versus Boller Tubes. It has been proposed to put safety valves upon the stoke holes in the great ocean racers so that the air can automatically escape when the pressure is so great that the boiler tubes and grate bars are in danger. If a safety valve were introduced that would blow off when the stokers are in danger, there would be much less collapse among those useful hands, and much less difficulty in securing each trip men who are willing and able to go through the fiery ordeal that stoking involves.

New Use of Tinfoll.

through the custom house and put on a train that got to Cairo five hours in advance of our fellow travelers on the steamer.

What a journey it was, every sight new and interesting; if we had dropped into an-other planet, I doubt if the transition could be more surprising than our first impressions of Africa.

ONE VAST PANORAMA. At Shepheard's Hotel we found English, Scotch and American friends, with whom we had a very enjoyable time. Perhaps no city in the world shows so much that is picturesque as Cairo. Sitting in the garden of the hotel, which from its near and elevated position, commands a view of the favorite street, we saw what may be compared to a moving panorama of beauty and brilliancy of color, kaleidoscopic in its attractions and surprises. Cairo is the gathering place of almost all nationalities, Eastern, Western and Southern, and many of them take pride in wearing their distinctive costumes; even the Scotch Highlander, with his kilt and bagpipe, was not wanting in the picture.

It was common to see long processions of camels passing in single file, and to us strangers the patient beasts were quite in-teresting. They had a dignified mien, a noble appearance that won our admiration. Each face had an individuality about it that made it worthy of study. Never did a number pass but they received, I was going to say our undivided attention, but this was shared by their strange riders and drivers. The donkeys and donkey boys were very in-teresting, and it is quite the proper thing to go riding on a donkey with a boy to drive it, and it is really a trouble to keep the boy at a reasonable gait, as he is so fond of hitting and shouting at his donkey, and though he has to run to keep up with it, he delights in his labor. He is usually a quick witted lad, and causes much amusement. One thing he never forgets: He praises his donkey, himself and his patron, and winds up with a request for backsheesh. These, with some funny variations, continue to be his talk till his trip is accomplished.

VERY SUPERIOR DONKEYS.

The donkeys are much superior to what we see in the United States, they are very useful, and almost indispensable to the country, their gaits differ, but most of them are good rackers. They are cheaply kept and come within the reach of poor as well as the rich, and both are glad to use them. The mosques at Cairo are very fine, but

do not compare in my mind with the great cathedrals and churches of England and the Continent. We went to a school and new the boys all sitting on the floor learn-ing the Koran, which seems their chief study, and all were talking at the same time. A friend of mine, an English M. P., pleased with the appearance of the children, and in response to their outstretched hands, gave them some small coins, when the teacher, elated at their success, advanced and presented his open palm. But this was too much for the English legislator, who had himself been a teacher, and respected the protession. This incident illustrates the protession. how strong and wide-spread is the love of backsheet

Bound about Cairo there are many very interesting excursions. Nearby is the land of Goschen which deserves its name for righness. Imagine us becoming enthusiastic over the antiquities of Italy! We should have reserved ourselves, and tried to do justice to Egypt. Think of Memphis which is said to have been seven thousand years old when Abraham and Joseph saw it, or con-sider Heliopolis, the City of the Sun, now only marked by a standing needle or mono-lith of fine proportions, beautitully sculp-tured. Propably upon this stone shatt Moses has often looked, as it was here he "learned all the wisdom of the Egyptians," and-it was here where Joseph married the high priest's daughter, and where Jeremiah ned his lamentations, and Plato wrote his immortal thoughts.

ON TOP OF CHEOPS.

Seven miles of a pleasant drive from

The Slave Boys in Chains

sand's kindly protection for many of the treasures we enjoyed, as by this means the finger of even time was stayed, as well as the hand of man-no less destructive. The steamer was fastened up at night, so we missed none of the scenery, and everything was quiet for the night's rest. Our sympathies often went out to the poor fellaheen engaged in the monotonous and wearysome labor of lifting water to a higher level for irrigating. They were clad with only a rag round their loins, and their condition was a pitiable one.

#### FOR TEN CENTS & DAT.

The most laborious method of those we there she stood the very picture of grief. She had come on foot all the way from Wady Halfah, a distance of 210 miles further south, but a mother's love cares not saw, was where a basket lined with leather was used, and to each of the two sides was a rope with a man; these men would swing the basket into the water so as to fill it, and then for distance or difficulties. INTENDED FOR SLAVES. The Arab had led off these children, in-

swing and empty the water into a higher level, from whence the water distributed itself over the farm. But the plan most in use was the "shadoof," very like the appli-ance at deep wells in the West, a pole resting on a cross bar, one end of which is weighted and the other has a pole and a bucket fastened to it. This mode involves less expenditure of muscle, as the tellah used some of his own weight in lowering and filling the bucket, which to a large ex-tent raises itself; but this work carried on for nine hours overtaxes the strength of al-

for nice hours overtaxes the strength of al-most any man, and the small sum of 10 ceuts of our money is the wage per day. Blindfolded oxen were also used to raise water for irrigating by turning a wheel to which earthen jars are tied. These empty themselves as the wheel comes round to a higher level, but your mechanical mind would be worried to see the waste of water and power by this method, and which it seems to me could be easily remedied. The seems to me could be easily remedied. The traveler is much surprised at the readiness with which the poor Egyptians receive blows, but such is the cumulated effects of ill-treatment for thousands of years, that the very spirit is taken out of them and one wonders if ever an independent wish or idea could be implanted in their minds.

NATIVES SOUSED WITH WATER.

and that the children would be safely re-turned. We had our doubts, knowing what

At Belliannah, one morning, when we were preparing to visit the remains of Abydos, a large crowd of men and boys had gathered at our steamer's landing with don-keys seeking employment. The saddles were owned and carried by the boat, and in morning the the the boat by the boat, and in apportioning them the poor natives showed they were wild to get work, shouting and struggling trantically. Though we had experienced much excitement on such occa-sions before, we had seen nothing like this

in intensity. Notwithstanding the manager of the boat and the dragoman, both Egyptians, used their whips severely, the poor natives bore the infliction without resistance, or ran to

to its advancement. depth with a pole, and gave directions to the man at the wheel on the top deck. This Compressed Ten. hard working Mohammedan was regular at An attempt is being to introduce the use

his devotions, morning, noon and night. First he went through his ablutions (washof compressed tea. It is claimed that it has ing his face, hands and feet) and then many advantages over loose tea, the chief spreading a rug kept for the purpose-he knelt at the bow of the boat with his face turned toward Mecca and resited his prayers, and all present were impressed that of which is that the leaves being submitted to heavy hydraulic pressure, all the cells are broken and the constituents of the leaf are more easily extracted by the boilhe was a faithful, good man. ing water, thus effecting a considerable say TEAES OF DISAPPOINTMENT.

TEARS OF DISAPPOINTMENT. When our steamer got aground, and it ecame evident we could not reach the first would seem to be its more portable charbecame evident we could not reach the first cataract owing to the low water, our grayacter, and in the case of long sea voyages, or for use in expeditions, the reduction of haired pilot worn out with worry and work, its bulk to one-third. The compression of sat down and cried with a disappointment. He was at least one faithful energetic man we found in the East, smong the many who a real and important improvement in the treatment of the leat. It is claimed that were lacking in these qualities. A steamer of the same line, the Cleopatra, trouble, waste and uncertainty are avoided

bound in the same direction came along, and with less than half a day's dentention, and that exactitude in measuring is insured. It is also alleged that by compression the aromatic properties of the leaf are retained for a much longer period, and that it is better preserved irom damp and climatic we were on our way to Assowan. The in-crease of heat told not only of the advancing season, but that we were going South. Assowan, which we reached in 15 hours, we changes.

#### A Transposing Plane.

found a very tropical place. We enjoyed very much a visit to the Island of Philae, and we well remember it as the most ro-mantic ruins and locations we saw in Egypt. Near Philae is the first cataract of the Concert goers to whose lot it may have fallen to listen to a song being delivered in one key while the accompaniment was Nile and the end of our journey. Nubia played in another, will greet with satisfac-tion the introduction of a transposing plane, would be attractive to visit, but we had to deny ourselves that pleasure, reserved it perhaps for some future day. So, after by means of which music can be transposed into any key at will. The object in view is seeing the natives "shoot" the cataract, we turned our faces toward Cairo. On reachaccomplished by a movable back, i. e.: The accomplished by a movable back, i. e.: The solid back, upon which the strings are strung, instead of being rigidly fixed to the case, as in the ordinary way, is fitted on rollers, and is moved literally with the greatest case by means of a lever underneath the keyboard at the side of the performer. In all other respects the con-struction is the same as in the ordinary piano. Any desired change of key can be made in two or three seconds. The moveing the steamer we found an unusual com-motion, and on pushing through the crowd we saw an Arab with two boys of 10 and 12 years of age chained to the floor. Near by stood the mother of the younger lad, herself not 25, and in appearance even younger, but made in two or three seconds. The move-ment can be worked with perfect ease, and the mechanism is of so simple a character that its liability to get out of order is prac-

tically nil.

#### Balleon Racing a Trais.

The Arab Had led off these children, in-tending to take them to Cairo and privately sell them as slaves, to become the guardians in time of harems. Slavery is lorbidden by law, but is still carried on extensively. The "peculiar institution" and the Mos-lem religion require that wives should be watched, and so the demand is large for these ugly black slaves, of whom we have seen many in our travels in the East. Just lately in Constantingoule the Gread Vision As the Spencer war balloong in a recent ascent from the Royal Military Exhibition, now being held in England, reached Plaistow, a train was passing through bound for Shoeburyness. On the arrival of the train at Shoeburyness, to the surprise of the at Shoeburyness, to the surprise of the guard, the balloonists were quietly waiting for him to take them and their machine back to London, the balloon having accom-plished the journey in 20 minutes less than the train. The voyage through the air was very interesting, and when at an alti-tude of 7,300 feet, as recorded by the aneroid barometer, the throbbing of a steam engine could be distinctly heard, also the report of a sportsman's gun, accompanied by the bark of a dog. The traveling was at the rate of shout 25 miles an hour, but to the acronauts the balloon was apparently lately in Constantinople the Grand Vizier has called the attention of the police to the fact that the Turkish women are not con-forming to their religion and laws in hiding their faces, etc. Perhaps this indicates a growing feeling toward greater freedom mong the women. To come back to the Arab, he was now a To come back to the Arab, he was now a prisoner to be taken to Cairo for trial, and the boys as witnesses. It seemed to me that the slave dealer would have the chil-dren so scared be ore they reached trial that they would be poor witnesses, and the crim-inal, by the aid of a sharp, experienced lawyer, would be acquitted. The poor mother wanted to go with her boy, fearing she would never see him again; but the Government officer said it was not necessary and that the children would be acaely reat the fate of shout 20 miles at nour, but to the aeronauts the balloon was apparently stationary, and it was with great surprise that, on emerging from the clouds, they found what distance had been actually cov-

#### Animal Instinct.

incident illustrative of animal instinct which recently took place in Scotland. The supply of water from a neighboring lake

had been interlered with for ten successive nights. On an examination being made each morning, a number of eels were dis-covered in the sluice where the water was ten covered in the sinice where the water was ten feet deen. Thirty altogether were obtained, all females. One of these, 32 inches long, and about two pounds in weight, was ex-amined. The ovary, which was about 12 inches long in situ, and about 30 inches long when unraveled, was calculated to con-tain 10,077,000 eggs in various stages of de

turned. We had our doubts, knowing what a farce justice is in the East, where money more than justice wins its way. The tourists took up 'a collection for the poor woman, but a little later I saw her, mother like, give the money to her boy, to find its way, no doubt, into the Arab's pocket. By returning to our boat, 150 miles down the river, we lost sight of the children and the criminal and never heard what became of them.

dium employed is tinfoil, such as is used for enveloping chocolate and other food products. A single or double sheet of the tinfoil is introduced between the nail and the ulcer-

ated tissues beneath, by the aid of an instru-ment with a thin blade. The tinfoil is kept in place by wax, which is molded over the parts. The beneficial effects produced are attributed to the chemical rather than to the mechanical action of the tinfoil Tender Peet.

To those who suffer much from tender feet in consequence of excessive walking or standing for long periods, the following treatment will be acceptable. Bathe the feet before retiring at night in a strong so-lution of salt water, to which should be added a liberal quantity of saleratus. Dry the feet carefully, and use a smooth piece of pumice to remove any particles of rough-ness that may appear. Repeat the operation the following morning.

#### Practical Education.

An admirable provision has been made by the magistracy of Breslau, which will ten in more ways than one to the improvement of the pupils in the public schools. botanical school garden has been instituted for the regular supply of plants to the schools of the place, and for enabling teach-ers to make observations on the spot with their pupils.

Recent Patents.

Recent Patents. Higdon & Higdon, patent lawyers, 127 Fourth avenue, Pittsburg, and LeDroit Building, opposite Patent Office, Washing-ton, D. C., report these patents just issued: Aug. Haarlander and O. F. Grant, handle ior culinary yessel; Theo. Mistelski, sand-molding machine; S. R. Smythe, cover for furnaces; of Allegheny. W. C. Rockwell, Mt. Carmel, miners' lamp holder; W. J. McDowell, Snow Shoe, miners' safety lamp; P. T. Campbell, Warren, oil pump.

#### Latest Styles in Wood Mantels.

In our showroom will be found a desira-ble assortment of the newest shapes in oak, walnut and other hard woods, to which we invite the attention of buyers. We are bid-ding low on mantel furnishment to builders. JAMES C. THOMPSON, 640 Liberts argans 640 Liberty avenue.

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# Nature gives an interesting account of an