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Railways in Cities.

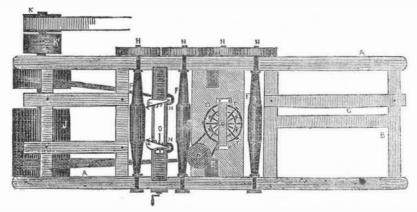
The following is an opinion of the Supreme Court, relative to the running of railways through streets, delivered on an application for an injunction to arrest the laying down of the rails of the Hudson River Railroad through Hudson street, in this city. Chief Justice Jones stated that "Hudson

street was ceded by the corporation of Trinity Church to the coporation of the City of New York, to be kept as a highway forever, the street, except in the line of block between Read and Chamber street where it is somewhat narrower is from 85 to 90 feet wide and the double track. which in the middle of the road takes up less than 16 feet, and Canal street is 100 feet wide. The owners of the lots do not own the street, it having been ceded to the corporation, who by law, own the fee, they have a cmmon interest in the street with others, but no greater interest, as to actual legal right, than the public at large. By the city charter the corporation have a right to regulate streets, and there is no good reason, but the contrary, why the power of permitting a railroad track to be laid down in a portion of any street or streets, for the public accommodation and use, should not come within the power of regulation; it is a different mode of use from what was originaly thought of, but it is necessary with a view to the improvements in machinery, the advance of the age, and the facilities of this mode of travel. The Legislature gave permission to this Company to construct a railroad from the City of New York to a point opposite Albany, and to lay down their rails in such streets of New York as the Common Council should give them permission to do. The vote of the Board of Aldermen merely, granting this permission, was not a law such as required the the vote of a majority of all members; in the Board of Assistants the vote was 13 to 5 in favor, and if minor matters were disposed of by a vote in joint ballot, it would be equally as good any way. The Court thinks that the corporation has a right to give permission for railroad tracks to be laid down in the streets-the owners of lots on the line have no more right than owners of adjoining property with the common be denied. [Judge Edwards stated that the the extinguishment of fires. opinion of the Chief Justice was concurred in by himself and Judge Edmonds, being the unanimous opinion of the Court before whom the case was argued.]

Hudson River Railroad.

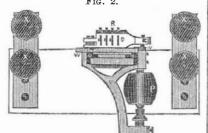
The bill to amend the charter of the Hudson River Railroad was taken up in the Assembly much she remembered. She could not even on Friday last, in Committee of the whole, and tell the text of the last sermon. "And what amended so that the rights of the old creditors shall not be impaired by the securities given for the new loan contemplated. An amendment was also adopted, designed to insure the payment of laborers by contractors. The bill was then ordered to a third reading.

IMPROVEMENTS IN MACHINERY FOR TONGUING AND GROOVING .-- Figure 1.



This is an invention of Mr. Robert Kittle, | the matching knives, S. This head rests upon of Dansville, N. Y., and for which letters pa- the vertical shaft, P, being secured to it by a

machine; and figure 2 is a side section of the form the groove in the edge of a plank or board tonguing and grooving machinery. In figure during a portion of the forward movement of 1 the planing machinery is represented by the the cutter head, and the rear cutter knife, T, is Bramah disc, D, having its series of planing placed in its head, in such a manner that it cutters, T T. A is the framing, B, is a cross will cut into and finish the groove during a bar; C is the guide fence; E is a pulley from which a band passes, giving motion to the It will therefore be observed that the tonguing planing disc. FFF are the feed and pres- and grooving knives have a reciprocating mosure rollers. HHHH are connecting gear tion, derived from being connected eccentric wheels; K is the loose pulley, with the belt with the driving pulleys. The cutter head is on it, and K 1, is the driving pulley; J is a guided to work steadily by guide pins working band drum, with a band passing around the in slots placed between the finishing knives, pulley, E at one side, and there is a band and the first knives. O is a set screw, to move passing around the small pulleys NN, which one cutter head nearer or farther from the othoperate the matching knives. One of these | er, to set it for boards of different widths. V, bands is left out, but when we say, the two fig. 2, only represents the matching tools frame, pulleys, N N, are driven by bands, this office



will be at once understood. In figure 2, X X, are the feed rollers. R is the head stock for will receive prompt attention.

Proposed Water-works at Quebec.

A large public meeting was recently held at the city of Quebec for the purpose of adopting measures for carrying into effect the project for some time entertained there of furnishing the city with an abundant supply of water. The present and late mayor of the city and other gentlemen addressed the meeting, and stated a variety of interesting facts. Several resolutions were adopted, one of which recommended the forming of a joint stock company for the introduction of water, with a capital of £100,right of use of the street. Should the busi- 000, and that a rate of sixpence in the pound ness or premises of any be injured by the acts should be levied on all the property in the city, of the Company, they have their remedy in a to be appropriated in aid of the water company, suit at law. The motion for injunction must and to furnish the corporation with water for

Ascientific Religious Answer.
A gentleman was once riding in Scotland by a bleaching ground, where a poor woman was at work watering her webs of linen cloth. He asked her where she went to church, what she had heard on the preceding day, and how good can the preaching do you," said he, "if you forget it all?" "Ah, sir," replied the poor woman, "if you look at this web on the sir, I see it gets whiter and whiter."

tent were issued on the 15th of January, 1850. crank pin at W. The grooving cutters are let Figure 1 is a top view, looking down on the into the cutter head, R, in such positions as to portion of the reverse movement of the head. set screws being shown for setting it, and for connecting the various parts of it together. The motions of the tonguing and grooving cutters are peculiar, and are said to operate with great satisfaction. The machinery is simple, easily constructed, easily repaired, and easily superintended, which are very important considerations, especially in saw mills at a distance from machine shops.

The inventor and patentee is now ready to sell rights or enter into engagements relating to the use of the same. Any communication (p. p.) addressed to him at the above place,

Substitute for the Potatoe.

The root said to be discovered in South America, by an eminent French naturalist. and thought to be an excellent substitute for the potatoe, contains, out of 100 parts, 67.21 of alimentary farinaceous matter. Three or four hundred bushels are raised upon an acre. It is time that we had some cheap substitute for potatoes, for they are now selling in this city at \$1 per bushel, and have been for the past two years.

Decrease of Sunday Travel.

In a recent circular of the American and Foreign Sabbath Union, it is stated that more than forty railway Companies now stop their cars on the Sabbath, and that on more than 2000 miles of railroad the men employed enjoy the rest and privileges appropriated to that day.

Mobile and Ohio Railroad.

The Ladies of Mobile have determined to do their part towards raising funds for the prosecution of this great work, and are about to hold a grand bazaar for that purpose.

Handel's Organ.

At a small but beautiful chapel in the parish of Whitechurch, Little Stanmore, ten grass, you will see that as fast as ever I put miles from London, is placed the organ once the water on it the sun dries it all up; and yet, belonging to Handel, and on which he performed, being organist to the Chandos family.

To Gild Iron or Steel.

Make a neutral solution of gold in nitro-muriatic acid (aqua regia) and pour in to it a quantity of sulphuric ether; the ether will take up the gold and float upon the denser acid The article is then to be washed with this auriferous ether (with a hair pencil); the ether flies off, and the gold adheres.

To Silver Clock Faces.

Take 1 part chloride of silver (the white precipitate which falls when a solution of common salt is poured into a solution of nitrate of silver or lunar caustic), 3 parts of pearlash, 1 of whiting, and $1\frac{1}{2}$ of common salt, or 1 part chloride of silver and 10 parts of cream of tartar, and rub the brass with a moistened piece of cork, dipped in the powder.

Artificial Gold.

Imitation gold, which not only resembles gold in color, but also in specific gravity and ductility, consist of 16 parts of platinum, 7 parts of copper, and 1 of zinc, put in a crucible, covered with charcoal powder, and melted into

Boiling Potatoes.

An Irish paper gives the following directions for cooking potatoes. Put them in a pot or kittle without a lid, with water just sufficient to cover them. After the water comes nearly to a boil, pour it off, replace it with cold water, into which throw a good portion of salt. The cold water sends the heat from the surface to the heart and makes the potato mealy. After they are boiled and the water poured off, let them stand on the fire ten or fifteen minutes to

Cure of Cancer.

We see it stated that a preparation of arsenic is employed successfully, by some of our physicians, to cure cancer. Of course no one but a physician can prepare and prescribe the

For Varnishing Figures.

Fuse half an ounce of tin with the same quantity of bismuth, in a crucible; when melted, add half an ounce of mercury. When perfectly combined, take the mixture from the fire and cool it. This substance, mixed with the white of an egg, forms a very beautiful varnish for plaster figures, &c.

Pinchbeck.

Put into a crucible five ounces of pure copper: when it is in a state of fusion, add one ounce of zinc. These metals combine, forming an alloy not unlike jewellers gold; pour it into a mould of any shape. This alloy is used for inferior jewllery.

To Stop Mouse Holes.

Take a plug of common hard soap, stop the hole with it and you may rest assured you will have no further trouble from that quarter. It is equally effectual as regards rats, roaches

Chrono Thermal Medicine.

The author of the chrono thermal system thus remarks in concluding his work: "I will just make a remark upon the subject of the doses of all medicines. Perceiving, as you might have done by this time, the utter impossibility of fortelling in many cases, especially of chronic disease, the particular agent by which you are to obtain amelioration or cure, and as in almost every case where an agent does not act favorably it does the reverse, you must see the necessity of commencing you treatment with the smallest available doses of the more potent remedies-of feeling your way, in short, -before you venture upon the doses prescribed by the schools."