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Rail Road Mews.

Railroads and Manufactures at the South.

The South has indeed roused herself with in a few years, and her capitalists and men of enterprise are directing their energies to the developement of the real resources of that section of the Union. Millions of dollars have already been invested in manufacturing establishments, and other millions will seen take the same direction. Little Delaware, we are assured, has already a greaternumber of manufacturing establishments, in proportion to her population, than any other State in the Union. Maryland has invested \$45,000,000 in railroads, canals and manufactures, and she is still busily and actively employed in various laudable undertakings. Virginia has a like investment of about \$60,000,000, and will soon have railroads in active operation to the extent of fifteen hundred mites. North Carolina has five hundred miles of railroads completed or in progress-white even in South Carolina, where, until recently, manufactures where ridiculed or denounced, several extensive factories are now in active progress and successful operation .-Florida, young as she is, has \$4,000,000 invested in railroads and manufactories-while Georgia has invested \$55,000,000, and has upwards of seventy cotton factories in the full tide of successful experiment. Albama, Mississippi, Missouri, Arkansas, Kentucky and Tennessee, are also animated by the same spirit. Mississippi has fifty-three cotton factories, while Missouri has invested in internal improvements, mines and manufactories, the enormous sum of \$85,000,000.

Extent of Railroads.

We have now in the United States about 8,500 miles of railway completed, at a cost of \$230,000,000, and before the close of this year, at least 5,000 miles more will be in contemplation, and capital will then be found rapidly centering towards them. Among these are two stupendous lines-one from Cincinnati to St. Louis, to cost \$5,000,000; and another from Lake Michigan or the Mississippi' to the Pacific ocean, to cost over \$60,000,000, for a distance of more than 2,000 miles. Besides these, Ohio, Pennsylvania, Indiana, Illinois, and, indeed, almost every State has various routes surveyed and in contemplation.

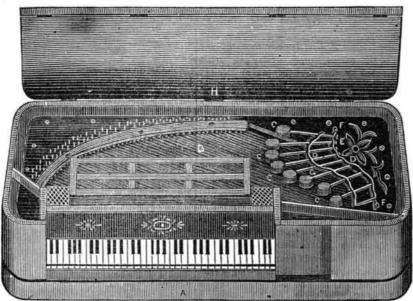
Railway Law in Illinois.

A general railroad law has been reported by a committee, to the Illinois House of Representatives. It is to incorperate companies for the building of railroads, and designates the terminal of certain routes, including the Vincenness and St. Louis line, and all others with equal claim upon the legislative attention.

Drummond Light for Railways.

Prof. Grant has made a successful trip on the Bordentown and Amboy Railroad. His light threw its brilliantrays about half a mile on the track, in advance of the engine, and burned steadily for upwards of four hours within out requiring adjustment.

IMPROVEMENT IN THE PIANO FORTE, --- Fig. 1.



Boardman & Gray, Pianoforte manufacturers, represent the parts of the Dolce Campana Atin the City of Albany, N. Y. It is called the tachment: this consists of pressing hammers, "Dolce Campana Attachment," and has been secured by letters patent. The Piano has al- D, and are secured at the back part by nuts, ways been regarded as of limited powers, prior E. There are two standards on which the to those improvements by way of attachments, which are but recent inventions. The soft or harp pedal has been the principal one to vary the tone-but always objectionable by its marring the clearness of the vibrations of the strings, and to overcome which has been the great desideratum with the inventors of the Dolce Campana Attachment, and by which this object is fully attained. It is controlled by a pedal, and produces peculiar qualities and expressions of tone, unlike anything heretofore known; and when combined with the other two pedals, produces the lightest shade of altissimo notes, alternating with the cresendo and diminuendo, and other musical accents of any kind which may be desired, in imitation of an orchestral performance. The particular qualities of this new attachment, are its clearness, brilliancy and delicacy of tone, which falls upon the ear with a surpassing softness, like the chiming peals of distant bells, and hence its peculiar name, "Dolce Campana." (Sweet Bells.) This attachment is perfectly simple, and so constructed that it can be detached from the instrument in a few moments. It will not put the piano out of tune, or in any way affect, except at the will of the performer

of the instrument, with the lid, H, open. A American Institute, New York City.

Indian Fishing, and Cooking and Eating small sticks, and they were no sooner up than

In "Ross's Adventures in Oregon" the fol lowing queer paragraph appears, to teach, we suppose, the value of natural and instinctive

"On the 17th, we were paddling along at daylight. On putting on shore to breakfast, four Indians on horseback joined us. The moment they alighted, one set about hobbling their horses, another to gather small sticks, a third to make a fire and a fourth to catch fish. For this purpose the fisherman cut off a bit of mode of angling; fire produced by the friction his leathern skirt, about the size of a small of two bits of wood, was also a novelty; but bean; then pulling out two or three hairs from his horse's tail, for a line, tied the bit of lea- larity with which they proceeded, and the ther to one end of it, in place of a hook or fig. | quickness of the whole process, which actually Thus prepared, he entered the river a little way, sat down on a stone, and began throwing the small fish, three or four inches long, on shore, just as fast as he pleased; and while he was thus employed, another picked them up and threw them towards the fire, while the condition. Both the black and green tea plants third stuck them up around it in a circle, on have blossomed, and look well.

This improvement is the invention of Messrs. | is the box, B are the strings, and C, D, E, F, C C, which pass through openings in the frame. frame of the pressing hammers are hung on pivots, F F, at each side. This allows the frame, D, to vibrate or rock on its pivot bearings at F F. The frame of the Campana, is attached to a stirrup which passes down below, (not seen) to a pedal, which, when pressed by the foot, the weights are drawn down to press upon the sounding frame, to modify its



vibrations to produce the effects stated. Fig. 2 is a side view of the depressing hammer, C. resting upon the sounding frame, K. The sounding frame has screws, J, passing through it, which cannot be seen in fig. 1, (one screw for each hammer.) It will therefore be understood that the weights are not resting upon the strings. The hammer is made of a thin box of brass, filled with lead, and the arm is made of brass.

The Piano Fortes of Messrs. Boardman & Gray, with this Attachment, have received the first premium at five several Fairs, viz., State Fairs at Buffalo and Syracuse, New York; The above is a perspective view of the box | Pittsfield, Mass.; Institute at Baltimore, and

> roasted. The fellows then sitting down, swallowed them-heads, tails, fins and all-in no time, just as one would swallow the yelk of an egg. Now, all this was but the work of a few minutes; and before our man had his kettle ready for the fire, the Indians were already eating their breakfast. When the fish hold of the bit of wet leather, or bait, their teeth got entangled in it, so as to give time to jerk them on shore, which was to us a new what surprised us most of all, was the regutook them less time to perform than it has taken me to note it down."

Tea Culture in America.

The tea plantation of Mr. Junius Smith, of Greenville, S. C., is said to be in a flourishing

Receipts.

The Catawba deservedly stands at the head of the list of all American Grapes, both for table use or for making wine. It is cultivated extensively near Cinclnnati and from it excellent Hock wines have been made, equalling the best that come from Europe. It can grow in all parts of New York.

The Isabella is undoubtedly better known and more extensively cultivated than any grape in this country. It is hardy and vigorous-and like the Catawba, exceedingly prolific, both kinds often producing ten bushels to a single vine. From the Isabella an excellent wine is made, equalling when it has a little age, the best Madeira.

The Elsinburg is highly esteemed by many as a table grape. It is without pulp, sweet and delicious flavor, the fruit small but a good bearer.

The Longworth's Ohio, or Segar-box Grape is an excellent desert fruit, but small, very similar in appearance to the Elsinburg; it is without pulp and produces large bunches, sometimes measuring fifteen inches in length. It ripans early and is an excellent bearer.

Norton's Virginia Seedling is in appearance and size of fruit very similar to Longworth's Ohio and Elsinburg. Is very productive, both in the garden or vineyard, and especially valuable at the South, where many kinds rot in wet seasons.

The White Scuppernong is the great wine grape of the South, and is found growing wild from Virginia to Georgia. It is known from all other grapes by its small leaves, which are seldom over two or three inches in diameter. At the South, it is a prodigous bearer, one vine having produced one hundred and fifty gallons of wine in one season. For many years an excellent wine has been made from this grape. This grape is only suited to the climate of our Southern States.

The Alexander, or Muscadel, is an excellent grape and makes first rate red wine. It is very hardy, and is only surpassed by the Cataw-

The Powel Grape produces a fruit that is easily preserved in jars for winter use and on this account it should meet with great favor .-America will soon be able not only to supply her own market with good pure wine, but will also be able to supply other nations.

To Feed Horses.

Horses should be fed with cut hay among their oats, and some cut oat straw is a good mixture. This makes them chew their oats. Never let horses feed get sour, nor feed musty hay. The beast should be fed like his rider.

To Cure Swelled Throat in Hogs.

Take of molasses one half a pint, and a table spoouful of hog's lard; to this add of brimstone a piece an inch in length. Melt it over the fire, and When cold or in a liquid state drench the hog with it; and nine times out of ten it will be found to have the desired effect.

To Prepare Rennet.

Take a gallon of bloodwarm water to each, rennet; soak, after stiring, for 24 hours; strain the liquor and let it settle, saturate with salt, and skim off the scum.

Parsnips are excellent feed for hogs, far better than carrots.

We have two patent cases, which we have left över to next week.

Fighting men need not look for war with Russia at present.