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FRIDAY MORNING. 74-6..... MAY 9

STEAM FIRE ENGINES. TIE is probably know to most of our readers that the city of Philadel phia is the owner of one of Shawk's steam fire engines; but it may not be known to them that the selfish policy of petty politicians-knowing that those machines have no votes—has hitherto prevented the use of this efficient and powerful engine in the extinguishing of fires. Yet such is the fact, strange as it may appear to Cincinnatians, who have become accustomed to see nothing else used by the firemen of Cincinnati. The North American in speaking of the late disastrous conflagration in that city, and in which \$700,000 worth of property was given to the flames, says that, "had the steam fire engine been employed, the exhausting labors of the volunteer firemen would have been materially lightened, and the progress of the devouring flames would have been stayed, and an immense amount of property saved from destruction." Really, such things are preposterous. Had the people of Philadelphia an opportunity of witnessing a fire in the Queen City—which, thanks to our per-fectly organized and efficient and well-paid department, is quite seldom—so as to get a sight of our seven steam fire engines with their five miles of hose pouring floods of water upon the fire, they would not be long in pitching their city council overboard, if they long neglected to sup ply their city with a sufficiency of these fire-annihilators at once, or refused to organize an efficient, paid fire department—the only kind to be Province State City. S. Warden

Reported for the Pennsylvania Lequity.

Philadelphia Academy of Music. The gentlemen having in charge the erection of an Academy of Music in this city, on a scale worthy at once of the art and of the city of Penn, held their first annual meeting yesterday, when the Board of Managers presented the first annual report of the affairs of the Academy.

Soon after their election their attention was directed to procuring a lot suitable for the erection of a proper building, and after mature deliberation and investigation, they decided to purchase the lot at the corner of Broad and Locust streets, containing 250 feet front on Broad street, and extending 200 feet in depth on Locust and Westmoreland streets, for the sum of \$18,360, subject to a ground rent of \$80,000 principal. 98.300.

The Managers have been greatly disappointed at the apparent lukewarmness of their fellow citizens towards this enterprise, which they had believed would have enlisted the sympathies of all our business men; and, to their great regret, found that the subscriptions on the 1st of May only amounted to the sum of \$83,000.

They then called a meeting of stockholders, to decide what measures should be taken to easure the success of the enterprise, or whether they should be compelled to abandon it.

At that meeting a vigorous effort was started to secure \$106,000 of new subscriptions prior to the 3d July next, and a committee of twenty was appointed to aid the Beard in making up this amount.

From the report of the Committee you will learn that \$50,000 of this amount has now been made up; and this is only subscribed on condition the whole

From the report of the Committee you will learn that \$50,000 of this amount has now been made up; and this is only subscribed on condition the whole \$100,000 is obtained prior to the 3d of July next. The Managers will not believe that there can be any serious difficulty in obtaining the remaining \$50,000 of this conditional subscription within the time limited.

They have secured at a fair price the most eligi-

\$50,000 of this conditional subscription within the time limited.

They have secured at a fair price the most eligible lot in the city for the erection of the academy; large and spacious, in a good location, with fronts on three streets, and when they reflect that since this measure was undertaken in this city, similar projects have been started in New York and Boston, and been carried through successfully, they feel that the pride as well as the interests of their fellow citizens will not allow the enterprise to fail.

Our city is growing with great prosperity; our lines of railroads, perfected and projected, are destined to bring us large numbers from the whole interior, but we cannot hope to keep them here to transact their business, and spend their time with their families, unless we make an effort to afford them the same inducements they find in our sister cities.

Let each stockholder who has already subscribed take an active interest to secure additional subscribers, and let each one decide that the enterprise must and shall succeed,—and it cannot fail.

By order of the Board of Managers,

C. H. Fisher, Chairman.

The ever-crowing of annly in illventilated dwellings, and the occupacy of low and damp cellars and basements, should also be preverted.

The practice of watering the streets with Croton water, is in my opinion. Celeterions to the public health, as likely, to instigate fevers of the intermittent class. This water no doubt, contains considerable paludal deposite, the debrus of the arrounding forest, at its source, which under the influence of the sun upon the mud, are well by being wet with it, engenders reports productive of the disorders referred to. If this be so, salt water should be used for street purposes instead. It is well known that salt marshes are free from maladies peculiar to a sames and freeh meadows. This truth has been abundantly illustrated in the Campana de Roma, in Italy, and the fens of Lincolnshire and Essex, in England. In this connection I would recommend that the Croton be permitted to run freeley through the gutters, to carry off to the culverts such vegetable and other substances as may collect. To perfectly enforce these regulations, and to render

Heating, Buildings.—The proper apparatus for heating buildings has engaged the attention of builders and mechanics for several years past, and large sums of money have been expended in endeavoring to construct such as will answer the purpose of heating large and small buildings. The inventive genus of the country has produced a score or more varieties of heaters, all of which have been tried in different ways, and all seem to have their imperfections. At the Penusylvania Hospital for the Insane, numerous experiments have been made to get at the most effective as well as the most economical means of heating that large establishment. As early as 18/16 a plan was matured for using steam for warming the wards, and put up that year in the histitution, instead of the ordinary hot aft furnace, but until 18/19 was not made officitive. During that year two small tubular boiles, were introduced for warming four wards, which proved so successful that this plan has been adopted for the whole institution, with far greater sarety and satisface ion than before. A belier house has been constructed outside of any portion of the Hr spital building, in which a tubular boiler, 19% feet long and 4 feet in diameter has been arranged. This contains 96 flues, each 13 feet long and 2% inches in diameter, with a firebar surface, which includes the bars, the top and four sides of the fire bar surface, which includes the bars, the top and four sides of the fire bar surface, which includes the bars, the top and four sides of the fire bar surface, which includes the bars, the top and four sides of the fire bar surface, which includes the bars, the top and four sides of the fire bar surface, which includes the bars, the top and four sides of the fire bar surface, which includes the bars, the top and four sides of the fire has been shown to be so great that there is no difficulty in generating more steam with it than with all the old boilars used on the premises, combined with less fuel and less labor. The amount of radiating surface for ever

DIRECTORS.

John B. Budd. Charles Henry Fisher. George S. Pepper. Frederic Graff. James C. Hand. Samuel Branson. John P. Steiner. Isaac S. Waterman. James Traquair. Lyon J. Levy. F. J. Dreer. Fairman Rogers.

favor of repeat.

We are justly prend of our Croton water, and the magnificent conception and bold enterprise which have brought it into our city. As a beverage, it is aim at free from exception, and as to supply and plan of introduction and discemination, it is for the present sufficient for our wants. We have now about thirty millions of gallons of water each day of twenty-tour hours, brought over the High

bridge. which is the sace off, one breathasts "wind read to come to see the person. This criminal has been all the person of this facture, and the same has been all purposes remained by many and purpose remained, which readly community." But midering there is not feel purposes, the is supposed that twenty ig ultima and any per individual, is an ough for actual une, which would make an aggregate quantity of only there million galloms, leaving sevenesses in for this fact I order to eatherpreist attention as a wind only with the moniber of the present board, but with their poleospore. It is many the fact the million galloms, leaving swith fine, which has been enforced with mind regrey by those whose duty it was to presente.

The utmost capacity of the aquedual with fine, which has been enforced with mind regrey by those whose duty it was to presente.

The utmost capacity of the aquedual purposes the mind in inhabitants; but estimate the same per catage of waste that there is now, the quantity sould be safficient for early thirteen hundred thousand inhabitants; but estimate the same per catage of waste that there is now, the quantity sould be safficient for early thirteen hundred thousand inhabitants; but estimate the same per catage of waste that there is now, the quantity would be safficient for early thirteen hundred thousand inhabitants; but which and the present of the safety of the control of the work of the control of the waste that there is now, the quantity would be safficient for the prevention of waste waste with a same per catage of works constituted to many reach in as pears. It herefore, no other and more effect will make a same per catage of works done the constitution of the provide and the provide an