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Miscellany about Inventors .-- Patents. A respected correspondent writes us, saying, lents for health.

"Have you not a word to say about patent assignees as well as inventors, as many of them purchase patent rights at a great pecuniary less."

In speaking of inventors, we hold their rights to be those of the patentee. We often speak of patent speculators, meaning by that term, those who care not a snuff for their assignees-those who try to make money by hook or by crook. There are some men who are always scheming to make money, by inventing some new and wonderful improvements for the purpose of getting men to advance them money. A company once paid an inventor, in New York, \$40,000 for his patent, from which they never realized a shilling. He is now in Europe. On the other hand, we know an inventor, a simple honest man, who two years ago made a valuable improvement in a certain manufacture, and assigned it to his employer, for which he was paid the liberal sum of, not one dollar. The assignee now draws a liberal revenue for his patent-the inventor can scarce support his family. Laws cannot make men honest, but their object is to prevent injustice done by one to another .-Last week, we commented upon a Bill which had been introduced into Congress; it has been amended by striking out any foreign State or Territory. It now applies only to Canada and the British Provinces and in all likehood will become a Law. It will be found on

Some people honestly believe that inventors should receive "the same legal protection as authors in their copyrights, because the right derived is from the same clause in the Constitution." The right of book property is very different from machines. The works of Irving cannot be counterfeited by any other. A change in phraseology would destroy the whole value of Sleepy Hollow. The modifications of a patented machine; does not destroy the claims of the patent, whereas, the ideas of an author, if presented in a new dress by another person, could not be construed as an infringe_ ment of a copyright. There is no inventor of a machine who would be willing to come under the copyright law, in preference to the Patent Law. Let any man reflect upon this question as we have done, and his opinions, will not be far apart from ours. On last Thursday, the 21st, the application for an injunction against the House's Telegraph by the Assignees of Prof. Morse, F. O. J. Smith and others, before Judge Woodbury, in Boston, was denied. The case is to be tested at common law—the best way we believe. In this opinion we differ somewhat with a correspondent on another column. No judge should grant an injunction against one patentee, on complaint a trial at common law. The patent of a defendant is just as sacred as that of a complainant, until the question of infringement is proven and decided by trial.

Uses and Abuses of Air.

S. Redfield: New York.

and the lame to walk. And above all, what physical science.

which we live, and if the God of Heaven was globe, for one short ten minutes, the whole human race would cover its surface "like leaves to act upon the supposition, that food, drink, ple reared with hands. Those engaged in se- rection, by a detour, to avoid the incline. On comes weaker and weaker. What a glorious thing it is to shake the dust of the city from the feet, and mount for a space the neighboring heights. Crowded intonarrow apartments and abiding in step-across-streets,—health soon flags, the shoulders bend, and the mind loses its power. How exhiliarating to drink in the fresh breeze—to feel the shoulders erectmind like arrow free." Not a philippic of Demosthenes would ever have descended upon the tide of time, had he not often bared his bosom the most skilful manner. Inclines cause a to the breeze, and on the Athenian Cliffs mingled his voice with the winds and waves of the

Rallway Errors.

It is a matter of surprise to many, to see how often exploded theories are revived, and evils of our present railway system, is a false how many inventions are re-invented. Old economy of using too much miserable metal strongest light. I will show an opposite view things are continually floated up on the tide in the rails, wheels, axles, &c.; but a better next week. of time, like corks that have been swept for a spirit is abroad—a more enlightened economy time beneath the waters of an eddy. How is now beginning to rule our railway councils. of another, before the case has been tested by many rotary engines have been invented since by the employment of wrought instead of cast the days of Hero. How many improvements iron in those parts subject to concussions and in propellers, have come and gone. In every torsion. We may therefore expect to hear of department of Science and Art, we can wit- fewer accidents than formerly, especially since ness the repeated attempts at supposed im- the laws so effectually reaches the hearts of provements, and repeated failures. In the con-stockholders through their pockets. By John H. Griscom, M. D., published by J. struction of machines, the ingenious theorist is too apt to make but a bungling affair of it, -HEALTH RECREATION.—We have often call- but when combined with practical skill, the ed the attention of our readers to the subject scientific theorizer is sure to be the most suc- inventor will be more faithfully protected sels have been sheathed, and the orders are inof "good ventilation and free respiration— cessful man. The man who is merely practi- in his rights by any reform of the Patent Laws creasing in a triple ratio weekly. The zinc, it breathing the brave fresh air." It affords us cal is limited in the range of objects, for want which does not reach the practice of our Uni- is stated, will last six years, and sometimes an author who of a knowledge of what others have done and ted States Courts, and the loves to inhale the heaven-born fluid, pure as what others are doing. He often expends to be any prevision made for this in any reform the God of Heaven designed it should be in- years of labor upon some invention which he yet presented. While there exists unjust men haled by all men. The Doctor is evidently at supposes will astonish the world, when lo! at- in the world, unjust acts will be done by them, home with his subject, and we are with his terit is fully completed, he finds to his loss whether those acts be fraud or infringement of book. "Health," he says, "is the greatest and chagrin, that the same thing has been Patented Rights. The greatest boon to interrestrial aim of both rich and poor—the cli- previously invented by some other person. It ventors and the owners of Patent property, max of all earthly blessings, and when lost, is, therefore, positively necessary that every would be a cheap method of deciding their no earthly reward seems too high for its resto-inventor, or any man who has an idea of in-cases by law. This, however, would not suit ration." How true—how forcibly true. What venting, should be an extensive reader and ac- the gentlemen of the bar, and I say, that unwould the blind not give to be restored to sight, | quainted both with the past and present of | til such a reform accompanies others in our

Aye, what would all of them not ted, "is the immense weight of engines and that unless a patentee is rich, or has good: an end to such wholesale slaughter?

give for such blessings? That man who has tenders, that the power expended is employed friends, there is scarce a possibility of kind

this.

continual tear and wear—therefore they must whereas to level the mountain and fill up the with force and sincerity. valley, amounts only to a single expense, and great though it may be, it is not so great, in our opinion, as to have steep grades. The great

Reform of the Patent Laws.*

It is a mistaken idea, to suppose that the Patent codes, little good will be done for the would that man give who is bowed down with We have lately seen a number of paragraphs benefit of the class spoken of. At the present

nothing but a crust of bread, a pitcher of wa- in moving continually to and fro to the great troubling the court with his case—his rights ter and health for his repast, is richer by far destruction of the rail;" to remedy this evil, will be trampled with impunity by those who than him who pines in sickness on a silken one proposes lighter engines with some new have the means to "pay the greatest lawyer's couch, and whose table groans with beef, bread way to give them greater adhesion on the rail; fees." And rich patentees are perfect lords and wine. Wealth and fame are no equiva- another believes that "the true economy of | and despots, ruling it over poor patentees in railway conveyance will never be attained, the same line. For example, a rich man gets One great cause of disease is the inhaling of until the moving power is stationary, and the a patent, or a rich man owns one, and a poor impure air. The atmosphere is an ocean, in rail shall bear only the goods to be carried." man gets a patent for something in the same It is neither by the weight of the locomotive line, but entirely different; the first thing that to lift it up above the highest mountain on our being reduced, nor by stabling the iron horse, he knows of his difficulties, is a notice to that improvements are to be made in the Rail- "stop using his invention, or an action for daway System. Why? Because no general mages will be instituted against him." Havof the forest by wintry winds strewn." When plan can be laid down suitable for every line ing some American grit, he snaps his finger at the atmosphere is mixed with any other gas of railroad. It would not be profitable to have the summons, and goes to an attorney—one whatever, it becomes unfit for the purpose of heavy engines on one line, and it would not be who has been admitted to practice in the U. respiration. How necessary is it, then, that economical to have light ones on another. If S. Courts. He tells his case, his lawyer gives great attention should be paid by every person, the useful effects of a locomotive is W X V= it a thorough examination—then advises to emto obtain, always, a plentiful supply of pure R, (weight, velocity=resistance) then the eco- ploy some great patent agent, also, as adviser, air, yet the great majority of mankind appear nomical weight of the locomotive will depend and tells his client that with such an array of on the work it has to perform. Experience is ability, he will come off with flying colors and raiment constitute the whole essentials the true monitor, and it has decided for the The threatener, in the meanwhile, applies for of life. What man is there who would drink heavy locomotives for a great velocity. On | an injunction, and gives d'ue notice to the poor of the reedy pool in preference to the crystal short lines, with light trains, and a moderate patentee. His counsel collects facts, gets old fountain, and yet there are thousands who ap- velocity—the economy of the light engine is specifications, drawings, affidavits, and what pear to be content to quaff twenty draughts self-evident-but how light? that is the ques- | not, to rebut all the complainants alledgeevery minute out of an impure atmosphere. tion. Some people have an idea, that it would ments, when what should the complainant do It is a terrible thing to see men, day after day, be profitable to have locomotives that would but withdraw his application, and by this trick toiling and plodding for life (rather death) in mount up hills, and gently slide down into the lead the poor defendant into two or three the dark, damp cellars of our cities, and it is valleys. Many plans have been invented to hundred dollars expense. This trick may be dreadful to behold women and little children accomplish this object, but none of them for repeated in other District Courts, until the crooning and stiffing in ill-ventilated apart- passenger lines, have been successful. Neither poor patentee is crushed with despair, gives up ments. Great Reforms are yet to be made in have stationary engines been successful for in- the contest, and the rich man will soon, some our dwelling houses, schools, workshops, &c. clines on passenger lines. The Mohawk and way, not fail to get an injunction. This is a The christian civilizer must devote more ser- Hudson Railroad, employed a stationary en- mean and contemptible way of acting—but mons to physical ethics than he has done, for gine on the incline at Albany, but the Road there are some patentees at work upon this the temple of the Spirit is greater than a tem- never paid until the line was changed in di_ very system at the present moment. By this very same process many people are frightened dentary occupations, should force themselves lines to carry loads of mineral, (coal, &c.) in- from using things that in no part belong to the often to active exercise in the open air. It is clines and stationary engines may be most pro- persons who claim them, and in this manner, a fact, that the closer a person is confined, his fitable, especially where the heavy train is em- it may truly be said, "the terrors of the law occupation b comes to him like Bunyan's en- ployed when descending, to carry up or assist | are as great for evil, in many cases, as forgood chanted ground—his desire to stir abroad be- the empty wagons on another track. We in others." It may be said "he is a poor juknow a coalrailroad which is an incline from rist who only can tear down, and knows not the mine, whereby the heavy trains, by de. how to build up." There is some truth in this, scending to the depot, carry up the empty ones but evils have first to be discovered and pointon the other track-no engine being used at ed out, before the mind can or will look for a all-nothing can be more economical than remedy. A Bastile may be overthrown without rearing up a substitute. Some propose to For long lines and passenger trains, the most have a Court or Assembly of Wise Scientific economical system to be pursued, is to make | Men, who shall sit in Washington and try all ing themselves like pillars, and the chestswel-the road to the nearest possible level-not to Patent Cases. This might be a good plan, ling to its natural form like a graceful quirass; be stingy in levelling the mountains and fill- but as long as there are so many disciples of then the foot "becomes like bended bow, the ing up the valleys; lay down heavy rails, and | Cicero in both Houses of Congress, no change employ locomotives of about 20 or 24 tons, may be expected from Common to Civil Law. constructed of the best materials and made in in the cases of patents. As long as our people are pleased to support as many lawyers in New York as there are in all England, they be set down as a constant disentegrating cause, will not, in all likelihood, move in the matter

JUNIUS REDIVIVOS.

* The views herein presented are held by many, and I have presented them in the

Sheathing Ships with Zinc.

In answer to a note in the Scientific American of last week, the Vieille Montagne Zinc Mining Company, No. 25 William street, this city, has sent us a pamphlet relating to the uses of Zinc, and especially respecting its employment as sheating for ships. It appears that no less than 1400 French vessels are sheathed with zinc, and 101 English, and since the first of January 40 American vesere does not appear nine, while copper is asserted to last only four and yellow metal three years. Zinc is 63 cents per lb., copper 22, yellow metal 172.

Use of Chloroform in Scotland.

In an article in one of the London Journals, it is stated that during the last two years, it has been calculated that chloroform has been used in from \$0,000 to 100,000 cases in the city of Edinburgh, and without an accident or bad effect of any kind whatever traceable to its use.

The boiler of the steamboat Troy, exploded asthma, and trembling on the confines of the commenting upon "the errors of the present moment, the fees of counsel to pursue patent at Buffalo, on last Saturday. A great number tomb, to drink in a draught of pure ruby railway system. One capital error," it is sta- cases in our United States Courts, are so high, were killed and injured. When will there be