Scientific.

THE MOST IMPORTANT DISCOVER-IES ACCIDENTAL.

various branches of smith-work in Eldridge lows :- Take 8 ounces of gum Benzoin, bellows, rendered the fire still hotter, and and an agreable odour. was still more surprised, after a long lapse of time, that the water would not become warm; he left the water on the fire and went on with his work. Returning after some hours, he attached a poisonous influence to the toad, but found the water had only become a little tepid tenlightened opinion presumed that the idea on this he laid various combustible substances was an ignorant prejudice. All doubts howon the fire, but still no effect was produced, ever, as to the poisonous nature of the skin Being somewhat puzzled to account for so pustules of the toad and salamander lizard are strange a state of things, he next day institut- set at rest by recent experiments of two French ed a series of enquiries, the result of which philosophers, MM. Gratiolet and S. Cloez, who was the invention of the celebrated "Sala-by inoculating various animals with the cutamander Safe," for the privilege of manufactur- neous poison of toads and salamanders, have ing which, Mr. Wilder, of this city, pays the demonstrated that the substances in question discoverer, S. C. Herring, \$25,000 per year. are endowed with well marked and exceeding-So much for having an accident in the family by dangerous qualities. In order to determine and properly taking advantage of it.—New whether the poisonous material spoiled by York Paper.

telegraph fire alarm, invented by Mr. Titcomb, til 16th of March, 1852, they inoculated a graph office, said to be far superior to the one bird almost immediately died. Subsequently now in successful operation in Boston. The the investigators succeeded in eliminating the Picayune says that "it is intended to estab- poisonous principle from the inert matters ried forward with a view to the particular relish two batteries at different points of the city, with which it is associated in the skin pustuall directions. These are attached, by sim-effects are greatly more intense than before. ple apparatus to bells either now existing or MM. Gratiolet and S. Cloez are at this time to be erected for the purpose, and at sixty dif-occupied in colle ting a large amount of toad ferent points iron boxes are to be placed, en venom, and will shortly make known the re closed in which is a species of clock work, to suit of their further investigations, which are be set in motion by simply moving a small calculated in the opinion of the investigaslide. This completes the connection, and tors, to throw considerable light upon the nacity. The clock work, by a peculiar move- of serpents, of contagious diseases, and ani ment, not only gives the alarm, but strikes the mal poisons generally .- Spectator. ward and district in which the fire may be, proper destination. The keys to these boxes are to be placed in the hands of the police during the day and the watchmen during the night. An electrical clock to be placed in some central portion of the city, say the Mayor's Office in the City Hall, is to be attached, which will strike the hours simultaneously all while the cost of attending and keeping it in repair will be a mere trifle. The Mayor has already seen it, and the Fire Committee of the two Boards of Aldermen are shortly to examine and report upon it."

NEW METHOD OF FIXING PENCIL DRAWINGS.

A new method for fixing Pencil drawings has been adopted in Germany. The Art Jour-

well foreign with analysis and the New York

this fluid one drop of the styptic be added, providing for a weight of 10,000 tons. For this complete solidification ensues, so that the bathirteen thousand miles of wire are required. The Some of the most useful inventions owe their sin may be inverted without causing any blood number of wires in one cable is three thousand. existence entirely to accident, such, for in- to be lost. The practical advantages of this The diameter of cable about 94 inches. The stance, as the accidental discovery that Plaster styptic are consequently very great, inasmuch bridge, we believe, is the longest between the of Paris was a non-conductor of heat-a pe- as, by its application, the bleeding from large points of support of any in the world," culiarity to which our "fire proof safes" are and dangerous wounds may be immediately entirely indebted for their usefulness and popu- staunched. In addition to the other valuable larity. This discovery was first made in New qualities of the liquid, it is totally devoid of York in 1820, by a mechanic who carried on poisonous agency, and easily prepared as fol-Street. Having occasion to heat some water, pound of alum, and 10 pints of water. Boil he took a cast iron vessel in which plaster of all together for the space of eight hours in an Paris had been used, and to which some had earthenware glazed vessel, frequently stirring adhered, forming a crust or coating on the in- the mass, and adding water sufficient to make side of the kettle from one-half to three-fourths up the origional quantity of that lost by ebu- ment is true. The character of those who accosted him. of an inch in thickness; he poured in water, lition, taking care, bowever, to add the water are to be the farmers of the next generation, and put it over the fire, with a view of heating so gradually that boiling may not be suspend- the principles which are to guide them, the man that I hoped to see. The case is, I've the water sufficiently for his purpose; to his ed. The liquid portion of the compound is homes which they are to have, will, in no in- hired the field yonder, and am going to sow great surprise, after remaining in for some now to be strained off, and preserved in well considerable degree, depend upon the mothers, time, he found that no change had been made corked bottles. It is timpid, like champagne in the temperature of the water; he blew the as to colour, possessing a slightly styptic taste, nature of the child. We are glad to notice sight into the business."

THE POISON OF THE TOAD.

Popular tradition has from time immemorial keeping, the two gentlemen procured about twenty-nine grains of the poison, on the 25th The Picalune gives an account of a new of April, 1851, and having placed it aside uninstantaneously the alarm is given all over the ture and action of the poisons of hydrophobia.

of twenty years' observations upon the influover the city. The same apparatus which quarter to the full moon it rained 845 days; works the fire alarm also answers for the clock. from the full moon to the last quarter it rain-The whole expense of putting up the appara- ed 761 days; and from the last quarter to the tus will not exceed thirteen thousand dollars, new moon it rained 696 days; so that during the moon's increase there were 1,609 rainy more likely to have been accidental than the result of any natural cause; and the conclusion which we derive from the statement is, that the moon has no influence upon the weathere and a transferred son atomics

THE GREAT SUSPENSION BRIDGE OVER THE nal says that, Colodium, which is procurable Niagara. The Lackport Journal says that labor-

spotted, the stains may be removed by being when properly united into cables or ropes, is found wiped off with a clean damp rag. In washing to be from 90,000 to 130,000 lbs, per square inch, the drawings in this manner there is no ground of apprehension, for the coating left by the mixture is imprevious to water. This method does not prevent subsequent correction of the drawing.

The cohesion of good from wire, good from wire, to greet us in the spring, like a messenger of standard peace, bearing assurance of Winter's relenting grasp.

The fruit would be worth more than any other structing the towers will bear a pressure of 500 the trouble of removing the soil will teach the feet high, 15 feet square at the base, and 8 at the does not prevent subsequent correction of the drawing.

The cohesion of good from wire, to greet us in the spring, like a messenger of the good from wire, bearing assurance of Winter's relenting grasp.

For such I would invite you to labor; for the trouble of removing the soil will teach the trouble of removing the soil will teach the useful lessons, that the food must be adapted to the devantage of comfort and health to the fator, who owns an according to quality. The limestone used in constitution of the trouble of removing the soil will teach the useful lessons, that the food must be adapted to the plant; at the same time, it inspires that the whole length, it will sustain a pressure contentment of feeling which our happiness cleared off the rocks and bushes from an acre

- 10 Wall of the least

possessing so extraordinary a power of coagu-| Assuming 2000 tons as the greatest tension to es of adversity which are the common lot, and

The Farm.

FEMALE EDUCATION AND INFLU-ENCE.

The language of this extract, from Thos. B. ARDEN'S Address before the Putnam Co. Ag. who give the first impress to the susceptible vish you would stop and give me a little inthis happy allusion, and wish that this truth

question of life is settled, before the child the Golnen Rule, and returning good for evil. eaves the paternal roof:-Home associations and home influence are asked what's to pay, 'Nothing, sir, nothing. to be implanted and brought to maturity, by I never make account of these little neighher who reigns in every domestic circle, and borly kindnesses. That will remind him of who alone possesses the key to our moral na- vesterday." ture. The mother, who, from earliest infancy, has watched the slow developement of latent requested, and going over to the field, comenergies, alone cau ward off the worldly in- menced and finished sowing a bushel of grain; fluence of school training, and fit her son to scarcely thinking, meantime of how his team go ferth into the world, prepared to meet, com- was standing idle in the cool of the day; but bat, and conquer the evils and temptations that glorying in anticipation of the smart his neighskirt the paths of undeviating truth and mo- bor would suffer from the living coals about to rel principle. Man has not the same oppor- be heaped upon his head. The employer, who, tunity, nor has he the peculiar capacity for seated on a pile of stones in the centre of the one of the operators in the New Orleans tele-goldfinch with a little of this material. The studying the character of children. When field, had watched the process in silence, now men are prepared for any particular profesion, rose to his feet, and very deliberately advanctheir education, beyond a ceatain point, is car- ed towards the obliging farmer. duirements of that profession. Should not ter, seeing him about to speak, but the other from which a series of wires would extend in les, and they found that when thus purified its the mother whose field of action is, beyond a only carelessly remarked, "It is'nt much to doubt, a seperate and peculiar sphere, be in- do a thing when one knows how. vested with similar advantages? - And how is The deacon made no reply but stood awaitthis end to be brought about -how is this high ing the question, " How much do you ask for moral character and harmonizing influence your labor?" He waited in vain, however; the to be implanted? I answer, educate your question was not asked. The other began to daughters; throw within the domestic circle speak, on different topics, the farmer, unwillthose excellencies of character which you take ing to lose any more time, turned and hurried particular pains to admire when abroad. Let away to where he had left his team. He had benevolence, simplicity of character, truthful-gone some distance along the road, when a ness and charity towards your neighbor, be a voice was heard calling, constant theme of admiration and remark, and and thus guides the fireman at once to his INFLUENCE OF THE MOON UPON not only in the family circle, but in those gatherings of relatives and friends so constant- bor the cobbler, beckoned him back. A Paris Astronomer has published the results ly recurring in every community. Cultivate a "He's just thought of it," said the deacon love for music, and that grandeur and loveli- to himself, half impatient at being again stopence of the moon upon the weather. From ness of nature which your own hills and val-ped. "My triumph is likely to cost about as the new moon to the first quarter it rained leys constantly present in the never ending much as it's worth, but I'll have it after all. (during the period of twenty years embraced panorama of the seasons. Point to the indus- Urge as he may, I won't take a single dime." in the calculations) 764 days; from the first try of the ant, the prudence of the bee, the So saying, he secured his oxen to a post by contentment of the poor who trust in God, the roadside, and ran back as far as the wall, Early nurse a taste for flowers, for through against the opposite side of which the cobbler every season they stalk in beauty through your was carelessly leaning. woods and meadows, inviting you to a communion that brings with it no bitter thoughts, cial haste called for. I merely thought to ask Every child will remember the little spot of whether you don't imagine we shall have rain. difference of 152 days. This difference is ground set apart within the cottage door-yard, soon. You farmer's pay more attention to these to beguile its hours of play, and years cannot things than we mechanic's do." erase from his memory the halo thus cast around his home. When I invite you to the answered that he really "could'nt say, but it field of flowers, understand me not to mean the favorites of other climes, (though I would not at any manufacturing chemist's, with four parts of sulphuric ether, forms a clear compound, which applied to paper, quickly evaporates, leaving on the surface a transparent film that protects the drawing, and through which it is perfectly distinct. The advantages of calls. perfectly distinct. The advantages of collo- 20 feet wide between the railings, and suspended varieties, and the gentiana crimata or fringed much as I was wickedly calculating and rejoic-. gentian, are among those most conspicuous; ing over my neighbor's humiliation." dium for this purpose are, the perfect safety of the drawing against injury by touch or handling, and in the event of the surface becoming the string may be removed by being the string may be removed by the string may be removed by the string may be removed b

drawing.

drawing.

top. When his aridge is covered with a train of cars the whole length, it will sustain a pressure of not less than 405 tons. The speed is supposed to add 10 per cent. to the pressure, equal to 61 to add 10 per cent. The supplies that the same time, it inspires that the same time, it inspires

loting blood, that if to a large basin containing which the cables can be subjected, it is considered still with cheerfulness walk on, guided by that principle "which maketh all things right."

THE WAY WITH SOME PEOPLE.

Deacon S once employed a cobbler to take a few stitches in a boot, for which sercice he was asked half a dollar. The demand was considered exorbiant, but the deacon was not a man to have trouble with his neighboron a triffing matter, so without a word of objection it was cancelled. "All will come round right in the end," he said to himself.

Next morning, the deacou, who was a farmer, was on his way to his field with oxen and Society, is not more beautiful than its senti-plow, when the cobler came out of his shop and

"Good morning, deacon. You're just the it with wheat; but being no farmer myself, I

The other was about to excuse himself, for were more frequently presented on similar oc- he felt particularly anxious to finish a piece of casions. The mother is the very life of home, plowing that day, which he could not if detainand as are the homes of a people so are their ed at all, when remembering the boot mendlives. If purity reign here--if high thoughts ing, thought he, "The affair is coming right and right motives be taught here, the great so soon. Here is an opportunity for illustrating I will render the assistance he needs, and when

So the deacon readily consented to do as

"Now, for my revenge," thought the lat-

"Hallo deacon: Hold on there a minute." The deacon turned his head, and his neigh-

"Why how'you puff, deaco 1; there's no spe-

The deacon coughed a full minute, and then seemed pretty near cool enough for snow," and having given this opinion, he once more set his. exclude them.) but the gems of nature which face farmward; musing as he went, whether it are to be found in your own forests and low-might not have been well to have attached to lands-something that is within the reach of the Golden Rule a modifying clause, suited to

VALUE OF AN ORCHARD.