of Heaven .- Dr. Spring.

inter vie inthou Scientific, bas reques

ment les important invention.

The New York correspondent of the National Intelligencer thus describes an experi-Fire Annihilator:

but already famous " Fire Extinguisher," the office of Edwards, Sanford & Co's European Express, No. 16 Wall street. area in the rear of the building. A barrel, having both ends out, was placed upon blocks about eighteen inches above the pavement, and filled with combustables, shavings, turpentap set to making the gas, a process so rapid that in less than twenty seconds & began to issue in a jet or stream of vapor or white smoke from a nose or aperture in the top. The combustibles and barrel were now all in a blaze, and gave forth intense heat, but the moment that the jet of gas was directed to the fire, it stopped, smouldered faintly a moment, and in less than one minute was extinguishexperiment. I have not a doubt of the practical usefulness of this machine for extinguishing such a fire as ordinarily calls out several fire companies, and there is not a doubt but that it must either do away with fire insurances altogether in the course of a few years, or lower the rates of premium very materially.

The gas, which is such an effectual damper upon fire is made of simple and cheap materials. It is of the same nature as that which this kind is opened, and for a time any attempt to illuminate it by a lamp or flambeau proves futile, as it extinguishes the flames instantanescend into a place like to have become thus deprived of the proper atmosphere. Many deaths have occurred, however, among laborers nal. from ignorance of this phenomenon, the mephitic gas destroying life when pent within a place where it is generated.

This gas, as used in the fire extinguisher, is converted into one of the greatest blessings. and, it is said, does not affect the atmosphere at a fire so materially as to injure the lungs. I have been subject to bronchitis myself, and this may have rendered me more sensitive yesterday when this experiment with the machine was made, but it certainly affected my lungs, though slightly.

and how the Seu-Sickness, harm and the

At the late meeting of the British Association, a paper was read by Mr. J. Atkinson. "On sea-sickness, and a new remedy for its prevention," from which we take the following extract :-

Let a person on shipboard, when a vessel is bounding over the waves, seat himself, and take hold of a tumbler nearly filled with water or other liquid, and at the same time make an effort to prevent the liquid from running over, by keeping the mouth of the glass horizontal. or nearly so. When doing this, from the motion of the vessel, his hand and arm will seem to be drawn into different positions, as if the glass were attracted by a powerful magnet. Continuing his efforts to keep the mouth of the glass horizontal, let him allow his hand, arm and body to go through the various mo-

him Son! Here lies man's dignity, that his the commencement of his experiment, as soon roots of the grass which exist after the crop Shell your corn, leave your cobs at home, to nature has been thus associated with Deity, as he grasps the glass of liquid in his hand, has been removed, and which, by becoming nourish your cattle, and through them your He belongs to the earth the Saviour trod upon, and suffers his arm to take its course and go turned in, operates as a powerful and speedy land, and where you now send one bushel of and which was vocal with his prayers, and wet through the movements alluded to, he feels as enrichment to the soil. Grass lands, from corn, you will be able to transport two for the with his tear and blood. And if a believer in if he were performing them of his own free- which a heavy crop of hay has been taken, same money. Look this subject fairly in the Jesus, he is one with that redeemed humanity will; and the nausea abates immediately, and generally produces a crop of aftermoth, which lace-consult economy-consult the comfort in which, from the eternity past to the coming very soon ceases entirely, and does not return in its decomposed state, furnishes an exceleternity, this Redeemer takes such a joyous so long as he suffers his arm and body to as- lent manure, and is of far greater value when and you cannot fail to take our advice, -[Ameinterest, and of which he is the accredited, sume the postures into which they seem to appropriated in this way, then when cut and rican Farmer. honored, adored representative in the Court be drawn. Should be, however, resist the free fed to stock as hay. It has been estimated We should be glad to hear of practical exfers it as probable, that the stomach is primari- covered in autumn, by the careful inversion may render them valuable. [Ed. Working ment made on Friday last with the wonderful than through a disturbance of the thoracic and cured from the deterioration of the winds and I was present yesterday at a trial of the new the method of preventing sea-sickness just des- most beneficial agency on the soil the subsecribed (which he has found by experience to quent spring. The laws of chemistry, under Some the involuntary motion communicated to the est energy and facility, and effect without any apples are then in the best order to be put up, twenty or thirty persons were present to wit- body by the rolling and tossing of the vessel, further assistance from industry, the accom- as all these are better in the open air till after ness the experiment, which was made in the is, by the means he adopts, apparently con-plishment of the most happy and fortunate re- October commences. verted into voluntary motion.

IMPROVEMENT IN BRICK MAKING.—At Lewiston Falls, Me., by the attention of Mr. Lortine, &c., and a fire set underneath. The ing Wing, we had an opportunity of witnessmachine (one of the smallest churn sized ones) ing the new process of making bricks by steam, Moore, of Boston, located at that place, for

The clay is ground up, pulverized, and bolted as fine as meal. In this state, entirely of the size of the bricks, and they undergo a pressure of six hundred tons. The machineed and dead. It was wonderful, and all pre- ry then raises the bricks and pushes them forsent were delighted with the success of the ward, while the moulds are filling; and then revolutions are made in a minute, producing picked by hand in bright clear weather. to any pressed bricks we have seen brought to rels, as it will keep well under this treatment.

good will burn one hundre I thousand. This tober, and become thoroughly ripe. gent laborers before they will attempt to de- only a great improvement in the manufacture, The barrels are piled up horizontally in cool but also add much to the beauty of structures open sheds, or in the shade of trees or build

> conveniences among small things that have freezing. Apples thus managed will escape a ever been invented. Those who have once severe frost. The thermometer may be ten or used them will never do without them again. twelve degrees below freezing, or the weather They may be prepared without any trouble, cold enough to freeze ice half an inch thick. and by any child. Envelopes should be bought We have known apples to (escape when the by the hundred, as they come much less than thermometer was twenty degrees below freezif purchased in smaller quantities. Dissolve ing ; but there is a risk in leaving them out a cent's worth of gum arabic in a very little in so cold weather. When the weather bewater-just enough to make a thickish paste. comes too cold for them to be safe out of doors, With the finger apply a little of the gum to put them into a cool celler. Some fruit growthe fly-leaf of the envelope, at the spot where ers put them into the celler immediately after the wafer should come. When dry, you will harvesting. Whether apples are put into cellar have a self-sealing envelope. When wanted early or late, the celler should be well ventiletter will seal without further trouble. It or west; but kept shut up closely when the will take but a few minutes to prepare a hun-wind is in other directions. This should be dred envelopes in this manner, and when fin- practised even in winter, when there is no ished, you will have saved yourself the trou-danger of apples freezing .- New England ble of hunting up your waters, wax and seal- Farmer. ing-stamp one hundred times! You will have saved something in cash also, and much in

There are few seasons probably, when the important labours of ploughing can be better or more economically performed, taking all fed to the cattle, will be worth more to you rot in a short time when they have no air. things into consideration, than in the fall, in a single winter than the price of a corn-shell- Roots covered up with leam, or rather buried Most farmers after the business of harvesting er, whether you get a small or a large one in loam, are not liable to heat and rot.—Culis over, have generally an ample sufficiency We believe there is one third as much nutritions—as those observed in sawing, planing, is over, have generally an ample sufficiency

tive of this favored earth; that I occupy a pumping, throwing a quoit, &c .- which they of leisure to enable them to attend to this ment in a bushel of cobs as there is in a bushplace on the soil consecrated by the mission will be impelled, without fatigue, almost irre- business without serious inconvenience or el of grain, and we do know that cows or oxen of patriarchs and prophets, and the greater sistibly to perform : and he will find that this detriment to more weighty affairs. Another fed upon three pecks of the crushed or steammission of his Son; and that I belong to this has the effect of preventing the giddiness and important advantage attending this practice, ed cobs in addition to their usual quantity of habitable earth, where " his delights are with nausea that the rolling and tossing of the ves- and one which is certainly of far too much hay, tops, or fodder, will keep fat. Then why the sons of men;" that I live in a world where sel have a tendency to produce in inexperienc- importance to the farmer, to be hastily or in- haul your corn cobs to market to be given athat Incarnate One first drew his infant breath, ed voyagers, and where one of Adam's daughters called "If the person is suffering from sickness at ing in the turning in of the green haulm and el of cobs to market as it does a bushel of corn. course of his hand, he instantly feels a thrill of by competent judges, that, on every acre of periments in feeding of ground cobs-the chepain of a peculiarly stunning kind shoot grass land-provided it be of ordinary fertility, mical constituents of the cob will not warrant through his head, and experiences a sense of and the grass roots well "set," there is from the above estimate of their value, but like the dizziness and returning nausea." From this thirty to forty tons of soluble matter, fit for the carrot, they may contain slight quantities of last circumstance the author of the paper in- food of plants. This large mass, by being materials not yet noted by chemists, which ly affected through the cerebral mass, rather of the sward, but not to deeply, and thus se- Farmer. abdominal viscera; and he is of opinion that rains, is in a suitable condition to operate the be effectual) depends on the curious fact that such a circumstances, operate with the great- farmer; his corn, his potatoes, and his winter sults. In autumn the team is also generally One word as to corn. It must not be kept more able to perform the work than they are close. Much is lost yearly for want of proper in the spring; they are in good condition, con- room and a proper time for harvesting. Corn sequently strong, active, and in " good heart." should not lie long in large heaps, either husk--In the spring, there are a multiplicity of ed or unhusked. There is yet much juice in duties to be performed, all of which are alike the cob that needs room to evaporate. having been charged, was then by a single at the establishment of Messrs. Woodworth & imperative and important. The having all If hay barns must be open-boarded to save one's ploughing done, releases one from innu- the hay from must, much more should corn which Mr. Wing has just completed the ma. merable inconveniencies, and makes him in a barns, that hold an article less dried. Nargreat degree the master of his work. It is row strips of board are best for the sides of true there are soils on which this operation is corn barns, and the corn bins should be no more beneficial by performed in spring; but more than two feet deep. When corn is dry except moistening the moulds to prevent these afford but a single exception to the ge-spread over a floor it should be shovelled over adhesion, the clay is turned into eight boxes neral rule. Of these the operator must judge once a week till December. The labor is not for himself.—Germantown Telegraph.

Harvesting Winter Apples.

In harvesting apples, especially those inanother revolution produces eight more. Seven tended for winter, they should be carefully fifty-six bricks so hard when taken from the bruises are not only injurious as tending to machine that weelbarrow loads of eighty are decay, but they render the fruit partially worthpacked together without marring them in the less. Some fruit growers pick their fruit the of next planting. least. The bricks come from the kiln with a last of September, before completely ripe, and beautiful, smooth and straight surface, equal allow it to shrivel a little before packed in bar-Such fruit is not equal in quality to that well With this machine twenty men can make ripened on the tree. In very warm locations, is found in old wells, sewers, and vaults, from thirty thousand bricks in a day. There being winter fruit is frequently ripe by the last of which by accident or design, the air has long no evaporation, the burning can be made with September. Most fruit-growers allow their been excluded. Occasionally a receptacle of a great saving of fuel. Thirty-five cords of winter apples to remain on the trees until Oc- are best for cooking.

machine is the only one in the country-and After picking the fruit, pack carefully in the first products will soon be ready, for pub- barrels, and head up closely. The following ously. The test is frequently used by intelli- lic exhibition. It is destined to make not is the mode of management in this section. for which bricks are used .- Portsmouth Jour- ings, and sometimes in open space, covered with boards laid over the barrels, to keep off they are first taken from the earth. the sun and rain, and allowed to remain out SELF-SEALING ENVELOPES are the greatest till November, till there is no danger of their for use, wet the gum with the tongue, and the lated in clear weather, when the wind is north

Selling Corn.

Work for the Season.

econdish the sture

October is the most important month to the

great, and the saving from mould is important.

Potatoes should never be exposed to the sun after digging; and exposure to the air in all cases injures the pulp. Dig them while dry and place them in cellars, as soon as may be, with sods on the barrels, or bins, to exclude the air. They may be entirely buried beneath sand or dryish loam, and kept so till the time

This differs much from the general practice but general practice is wrong. Repeated trials prove that potatoes are injured by exposure. Potatoes sent to Boston from Maine, are now put in closecasks and packed in loam. You will find next May that the potatoes in your cellar at the bottom of you heap

Potatoes should not be dug till they are quite ripe. The Long Reds are not generally allowed to ripen in the hill; hence they are not fit for eating till they have ripened in the cellar; and you find them in the spring much better than they were when first dug; though ripe potatoes are always best for the table when

Winter apples must be handled with care. Bruises are detrimental, and warm air will ripen them too fast. The cooler they can bekept the better. Cellars with ice or snow in them are better for apples than the tightast holes you can put them in. No matter how soon they are picked after October comes in.

SECURING OTHER ROOTS.—Carrots, parsnips, and beets are believed to be as much better for being covered as potatoes are. It is certain that they may be kept well when covered with earth. Parsnips are not injured by remaining in the ground through the winter; and we hear of some farmers who intend to let some of their carrots, raised for stock, remain in the ground till spring. They propose to cover them with cheap hay or lieter three or four inches deep. We have never tried this mode and can give no advice.

Those who have a supply to be fed out through the winter will want them in barn cellars, where they will be handy for feeding. And here they must be made secure from frost. A pile of cheap hay will be found the Sell no corn in the ear; have all that you best article for covering up the roots, for this sell shelled. A hand-shelling machine will may be readily opened. Common stock hay answer if your crop is a small one—if large will not be much injured by being thrown over a get one to be worked by horse-power-neith- bin of carrots. We must caution young farmers er will cost a great deal-and we are very not to pile too many roots of any kind into certain that the cobs, if crushed, steamed, and one heap, since they engender heat and will