Considerable interest is being manifested in this country on the cultivation of mushrooms. One editor of a leading journal has fitted up a case near Glen Cove, L. I., at a cost of \$3,000 for the purpose. The spawn used in the United States is that obtained at the weeks the mushrooms will be large enough to pick, and the beds will last from four to six months. The industry is one in which there is a promising return for the outlay in its development in the United States. Much the greater Montreal. They go to the North of sects of all kinds, which are normalized to remove these anjust a supply sufficient for a score of years of hard work. I don't know of any other buisiness in which a man wastes this labor so much as in farming, and by neglect causes himself so much fully in its development in the United States. Much the greater Montreal. They go to the North of sects of all kinds, which are normalized to the control of the control of the same of the best of the bottom at once, rapidly absorbing to the bottom at once, rapidly part of the mushroom product which goes to supply the markers of world comes from abandoned portions of the comes from abandoned portions of the stone and plaster quarries under the suburbs of Paris, and at other places in France. In the department of the Seine alone, in which Paris is situated, are some 3,000 stone quarries, the abandoned parts of which are used by some 250 growers, producing, on an estimate, twenty-five tons of mushrooms dally, or to the value of \$2,000,000 per annum. The cultivation of the mushroom in these caves, is an interesting example of what may be accomplished where skill and industry are given to the work, although the natural resources for its prosecution are of the most meager character. These caves are mounts are best, and large sawed only at the cost of one-fourth its saveleds of the cost of one-fourth its value. Some of my neighbors insist that it is useless to fight against weeds or insects, that they are "natural to the ground," and spring out of its gainst weeds or insects, that the cost of one-fourth its value. Some of my neighbors insist that it is useless to fight against weeds or insects, that they are "natural to the ground," and spring out of its gone in the same way a dairyman once would have me believe that the maggois in cheese originated naturally prometes, and one should keep the files out of instance of the mushroom in these caves, is an interesting example of the shipments and the should keep the files out of instance of the most interesting example of the shipments amounted to 22,500, nearly all dressed for its prosecution are of the most material products of the shipments amounted to 22,500, nearly all dressed for its prosecution are of the most most of the shipment and not not produced to at least 12 degrees or examples of the shipment and not not produced to at least 12 degrees or its prosecution are of the most of the shipment and not not produced to at least 12 degrees. The salt may be used to the from the first and surmised on t meager character. These cayes are from twenty-five to 150 feet below the surface and are entered trough pit holes by climbing down a ladder made by thrusting rounds through a pole fixed thrusting rounds through a pole fixed thrusting rounds through a pole fixed treatment treatment thrusting rounds through a pole fixed treatment treatmen cuttings are piled and undergo prepara- 376. tion for the beds. When in proper condition, the beds-some twenty inches in depth-are placed in rows all ventilation both for the health of the heeps it going-even to the shores of circumstances require. mushroom and the workmen. Strong Northwestern Europe. Turning the Sou FOR CELLERY .- A gardener of drafts and sudden changes of tempera- Florida capes it goes northward, first experience says: "After trying for a the tea-spoon and tumbler of cold water tures are guarded against by trap-doors.
The mushrooms are gathered daily at a very early hour in the morning, when the mushrooms large enough for use are seized and given a slight twist to clear them from contact with any others not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fally grown, and removed with the southeast outer corner of New not fall grown and tumbler of cold water, and it has a chance of speedy recovery.

A schoolboy spelled decimal and pronounce: It dismal. "What do you mean by calling that dismal?" exclaimed the tea-spoon and tumbler of cold water, and it has a chance of speedy recovery.

Tapical Custard.—After soaking a finally borrowed the use of a little patch of reclaimed swamp land—deep black muck, well drained, but moist, and for the tea-spoon and tumbler of cold water, and it has a chance of speedy recovery.

Tapical Custard.—See almost in vain toraise will be in constant use. Deny it milk and give it plents of the tea-spoon and tumbler of cold water, and it has

The Cattle Trade.

cattle shipped to Europe from American passes the Berlin passes the Berlin ports are taken on and under deck in stalls measuring 2 feet 8 inches on vessels sailing from New York, and 2 of latitude as Cherleston) from any latitude as Cherleston from latitude as Cherleston from latitude latitude as Cherleston from latitude latit head. Drinking water is condensed by steam process on board for their use, the ocean itself proving a never-failing source of supply. The rates are exacted in advance, as cattle are about sixty-six degrees in January. considered not so safe a risk as wheat and other commodities. The cattle are generally put on the steamer in the stream, after it has left the dock, an

for the cattle. Sometimes in the early issued from lofty amphitheatres laid spring, when the sea is liable to sudden well back among the northern spurs of disturbances some of the cattle ger well back among the northern spurs of ensues in getting them out. The cattle are hoisted on board usually and lowered twast a time by a relative to the mould into a silver souffle dish. disturbances, some of the cattle get ed, two at a time, by a winch into the hold. The allowance of water is from six to ten gallons a day to each bulthe sea in the latter season, as a heavy storm may make it necessay to lighten the ship by throwing the entire deck load of cattle overboard. Shipments in winter are not very heavy, although last year a handsome profit was realized on a selected lot of extra fine cattle sent to supply the English with their Christman roast heef. The New York of the sea in the latter season, as a heavy storm may make it necessay to lighten the ship by throwing the entire deck load of cattle overboard. Shipments in winter are not very heavy, although last year a handsome profit was realized on a selected lot of extra fine cattle sent to supply the English with their wholly disappeared in the sun, and a selected lot of extra fine cattle wholly disappeared in the sun, and a selected lot of extra fine cattle wholly disappeared in the sun, and a selected lot of extra fine cattle wholly disappeared in the sun, and a selected lot of extra fine cattle wholly disappeared in the sun, and a selected lot of extra fine cattle wholly disappeared in the sun, and a sufficient to sustain h's strength. A

sold for breeding or farm purposes?" side the slaughtering depot, and must the taste, and enough flour to make be killed within seven days. It they a reasonably thick batter. Bake rather could be transported to the interior they would bring from \$4 to \$5 a head they would bring from \$4 to \$5 a head more. They have no ice business there worth speaking of, and it is not feasible to send dressed meat very far, or to spoons cream tartar, one cup milk.

WHITE CARE.—One cup butter, two moderns have not even this. But they have their gout and their livers to warn them, when it is too late, that nature has been evertasked.

Tickling induces laughter, except them, when it is too late, that nature has been evertasked.

Bull's Gough Syrup. 25 ceams a bottle.

keep it long after landing. There is at times considerable mortality among the cattle, and grert care is requisite to make a good result. The losses of

Montreal. They go to the North of England, and are sent back to the southern districts as Scotch cattle. It is a risky business at best, and large amounts are lest by the mounts are l

reached 60,000, of which number one-

A River in the Sea.

stormy fishing shores known to the Gloucester fleet as "George's," about ninety miles east of Nantucket. In understand this." making this eastward turn away from Cattle shipped to Europe from Amer- our coast, the stream passes the Ber- The Raising of horses in the great

ports of the United States. These to it its full share of wind. At a point head. The animals feed on grass alo stalls are built under the supervision perhaps 1,000 miles east of Newfound- and the only shelter afforded from the of an insurance inspector. The rate of land the great stream turns to cross the weather is the roughly built sheds: of an insurance inspector. The rate of land the great stream turns to cross the freight this season has ranged from £4 remainder of the Atlantic diagonally freight this season has ranged from £4 remainder of the Atlantic diagonally as arule, more valuable than those bred edif one will take the trouble to strain 14s. to £5 10s. a head, in advance. This to Great Britain, giving to Ireland a elsewhere. rate includes covered room for neces- mild, moist climate, modifying the clirate includes covered room for neces-sary fodder and passage to destination mate of England and Scotland, and sectivorous birds the swallow is wor-sectivorous birds the swallow is worand back for one attendant to every even rendering the coast of Norway thy of great encouragement. An ex- family is fond of them, keeps on hand thirty animals. During the summer shippers prefer to ship on deck, as the shippers prefer to ship on deck, as the cattle get more air and come out fresher at the end of the voyage. On deck the steamers carry between 150 and 175 animals, and under deck about 225 to eighty degrees—prehaps a little

The broad many-fountained glacier old ferry-boat usually being used for to which the basin of Yosemite creek old ferry-boat usually being used for the purpose.

Sincep and pigs are stowed in stalls on deck where there is not room enough for the cattle. Sometimes in the early divided the trunk thus formed, swept round to the south in a magnificent

"No, they are not allowed to go out- eratus. Add spice and raisins to suit slowly in tin pans lined with buttered

paper.

STUBBLE-FIELDS .- Bare stubbles are the most careful shippers by mortality weeds are thus multiplied and perpetuated. Rag weeds, amaranths, pig-weeds, beggar's-ticks, and even thistles are permitted to overrun the fields as soon as business, but who go in on a venture.

The regular shippers, of course, get seen surrounding the potatoe-tops and

upright. At the bottom of these pits 33,295 were live cattle, and 72,029 dress. The basket may be kept on the arm or or entrances the passages radiate in ed carcasses. For 1880, from January careful to put none into the basket but different directions to the caves. At up to the first two weeks of August, the convenient points piles of manure and shipments were 64,843 live cattie, and When the basket is full carefully pour sittings from the debris of the stone 53,533 carcasses of beef-a total of 118,- them in the bin, and when that is full, or at night, cover with boards to keep off the sun and rain. Continue the operation of picking during dry weather un-Blown by the steady trade wind, the in the orchard with straw. It makes dy over the bottom of the cave, with just a narrow passage between to facilitate the work of gathering. New beds are continually in preparation to take the place of the exhausted ones, and the cropping goes on uninterruptedly. The general practice in obtaining spawn is to use so much of an entire tresh bed when it begins to show the growth, as is necessary each day, which gives a continual of the cave, with just a narrow passage between to facilitate the west coast of Africa, and in other parts of the equatorial seas, is pilled into the Carribean sea, and hurried thence to the lower end of Caba, into the Gulf of Mexico, where its accumulated mass can find serve them too warm, and there is no danger of the fruit being injured by the frost until/quite late in the season. They must be kept dry and shadedirom the same. To keep dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must be kept dry and shadedirom the same. They must over the bottom of the cave, with just heated water along the west coast of them too warm, and there is no danger is necessary each day, which gives a product several days earlier than when the dry dormant spawn is used. The shafts or openings to the surface are shafts or openings to the surface are made numerous enough to give perfect forcibly as to have the headway which the strait between the dry dormant spawn is used. The seek relief through the strait between our sheres and Caba. It rushes out so made numerous enough to give perfect forcibly as to have the headway which that the graph of the water, in the waterproof cement to keep out the dampness. There should be one or the dampness. The dampness are the dampness and the dampness are the dampness. The dampness are the dampness are the dampness. The dampness are the dampness are the dampness are the dampness. There should be one or the dampness are the dampness are the dampness. The dampness are the dampness made numerous enough to give perfect forcibly as to have the headway which that they may be opened and shut as to assuage its craving thirst. Try it

APPLES .- Apples should be perfectly

perature of seventy-five degrees, and closer feeding of the sheep, it is believed that three acres of good pasturage will maintain one cow and, in addition, five or six sheep. The sheep would choose not eaten by the cow.

the Hoffman range. These at first pur- stopping every alternate sprout. It is with a napkin pinned round it, or place

curve, and poured its ice into Yosemite person needs greatly depends on his measured after sifting; one teaspoor one ton to each animal. The rates of in cascades two miles wide. This broad constitution, state of health, habits and ful of cream of tartar and one of extraction. insurance apparently vary. Some glacier formed a kind of wrinkled ice work. A sedentary man requires less of orange. Beat the whites to a stiff insurance apparently vary. Some shippers give it as from 3 per cent. in more regular and river like; another like; shippers give it as from 3 per cent. in summer to 10 per cent. in winter. There is more risk to the cattle from perils of the sea in the latter season, as a heavy ains, rock islets rose at intervals.

Beat the yolks in a similar manner, add the orange. Beat the yolks in a similar manner, add the orange. Finally, stir in the flour. Mix quickly ains, rock islets rose at intervals more than we need. Indeed, food and and well, and place in pans. Bake christmas roast beef. The New York shippers allow more space to the cattle than shippers at other ports. The than shippers at other ports. The carrying capacity of the vessels, of course, varies; but the average, as creeping slowly back into the shelter termelon and a bit of black bread, will given by an old skipper, may be put of their fountain shadows, continued toil in the vine-yards and grow fat on "O, I am now thrice happysafely at 200 head at a shipment, taking large and small vessels into account. It is true that Mr. Brassey, when build-On some of the larger steamers the number carried has reached 500, and pleting the sculpture of their fountains. one Boston steamer has carried as many as 841 head. The largest shipment from the whole basin is now full of light. New York by one steamer was 650 Forests flourish luxuriantly over all street of spare-led foreigners. But, on the other hand, the British Columbian and Californian gold-diggers, than whom a more magnificent set of sthlets does not exist live in the reits broad moraines, lakes and meadows mote mountains of the Far West main-"Recent shippers have all lost nestle among its domes, and a thousand ly on beans flavored with a few cuber money," said a veteran shipper. flowery gardens are outspread along of pork. But they also obtain the best "Freights have been reduced by from its streams. When we walk the path- of water and the purest of air, and their £1 to £1 10s., or, in American currency from \$5 to \$7.50 a head. The rate has been from £3 upward. The trade this mountains they have shaped, the canbeen from £3 upward. The trade this mountains they have shaped, the cansummer has been fairly good on acons they have furrowed, the rocks they any army except the American, do not it in a cup for fifteen minutes. A little count of the short crops in England. have worn, and overwhelmed as at Shipments have been three or four times as large as they were last year. we ask, is this all? wondering that so Normalized the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. have worn, and overwhelmed as at ment which the idlest of club loungers in the short crops in England. The short crops in England. It is not considered the short crops in England. The short crops in England. It is not considered the short crops in England. It is not considered the short crops in England. The short crops in England. The short crops in England. It is not considered the short crops in England. The short crops in En Now prices are low, and will go still lower, as the people in Europe are now lower lowe and Schleswig-Holestein, the latter being among the best grazing cattle.

Great Britain draws from Spain also."

"Are any of the American cattle strong coffee infusion, one cup of strong coff strong coffee infusion, one cup of molasses, one cup sugar, one-half cup butter, one egg and one teaspoonful salter, one egg and one teaspoo

> The ancients had their "amethustoi," or "sober stones," by which they regu-

DOMESTIC.

ADULTERATED COFFEE.—In these days when the whole country is flooded with parched and ground coffee, it is of inparched and ground coffee, it is of in-terest to housekeepers to be able to tell whether they are getting the real ar-ticle, or an adulteration of chickory, a vastly cheaper material. The follow-ing simple test is recommended by an authority, as never failing: Spread a spoonful of coffee gently on the top of spoonful of coffee gently on the top of water in a bowl or glass. If pure, the coffee will not sink for some minutes, and will scarcely color the water, and when fully saturated, if rubbed between the fingers, the grain will feel rough and hard; but, if chickory be

Those languid, tiresome sensations, causing you to feel scarcely able to be on your feet; that constant drain that is taking from your system all its elasleity; driving the bloom from your cheeks; that continual strain upon your vital forces, rendering you irritable and fretful, can easily be removed the use of that marvelous reme Hop Bitters. Irregularities and obstructions of your system are relieved at once, while the special cause of

yourself, mother, when you have a fever, and we are sure that ever after,

boiling water to prevent sticking or burning, sweeten to taste; when it beyolks of four eggs, beaten with one tablespoonful sugar; remove from the fire as soon as it becomes the consist-

ONE is frequently annoyed at this it out with a wire sieve. It can be used

east trace of adulteration in Dobbins' Electric Soap, (made by Cragin & Co., Philadelphia, Pa.) For sale everywhere. It is for your interest to try it.

RICE SOUPELE .- Pick and wash a tes plants the cow would reject, and feed- cupful of rice. Put it into a saucepan ing closer upon May-weeds and grasses with a pint of milk sweetened to taste, and a pod of vanilla. Let the milk boil till the rice is thoroughly done.

> SUNSHINE CAKE.—The whites of eleven eggs and yolks of six; one and a half cups of granulated sugar, measured after once sifted; one cup of flour,

'My worthy friend and neighbor, Whence comes that smile serene?" I've found it -CARBOLINE.

EVERYDAY BLACKBERRY JAM .- Dry your berries with a towel if they are not picked in dry weather; to every pound of fruit one-half pound of C. sugar; cook for one hour, stirring all ing biliousness, and curing consump the time; no water. Put in patent glass jars. Ought to keep until next blackberry season.

TAPIOCA CUP PUDDING .- This is very

BLANC-MANGE FOR INVALIDS .- One ounce of gelatine, one quart of milk, and sweeten with white sugar; put on

writing a note or two, and dancing a Freeze an hour or so, springle more couple of miles around a ball-room.

Tickling induces laughter, except commend it to all to be just what i tickling in the Throat, which causes advertised. Sincerely yours, James P. McGrate,

An expectant nephew took upon one side the physician who visited his uncle and demanded to know the whole truth coacerning that beloved relative. "He is dying!" said the doctor.

The nephew howled with piteous lamentations.

But the old doctor who knew human nature, and expectant nephews in par-

nature, and expectant nephews in par-ticular, exclaimed: "You misunderstood me! I did not say he was recovering—I said he is dy-ing!"

THE orguinette is a new musical in strument calculated to carry a great deal of joy and sorrow into a nouse-hold—joy among the children and sor-row among the grown-up people. The music is fed into the orguinette like grain into a threshing machine, and a five-year-old boy is warranted to grind out one hundred tunes an hour—if his parents are not at home. As the in-strument costs only one sixth the price of a hand-organ, it naturally causes five-sixths more gloom.

it on a plate after each posing it to the sun until it crystallizes anew. The inventor prepares a salt which will lower the temperature rain-beau. "Oh!" exclaimed the young lady, taking his arm, "you wish me to be your rain-dear." Two souls with but a single umbrella, two forms that stepped as one.

"THE fact is," remarked Jones, "there are lots of people whom I hate most religiously; but my memory is so confoundedly treacherous that I can't remember over night who they are. There is Pingree, now. I had a big row with him yesterday, and you'll believe it, I caught myself shaking hands with the fellow this morning."

are dallying languidly with the grapes at dessert. She (archly)-"And you don't find it tiresome, dear, all alone with me? You are quite, quite sure that you don't wish to go back to your bachelor life again?" He (earnestly)

"Quite, my darling, indeed, married
life is so awfully jolly that, you know,
if you were to die to-night I'd get
married again to-morrow."

"Turs is a nice time of night for you to be coming in," said a mother to her daughter, who returned from a walk continued she, "my mother would not allow me out latter than 7 o'clock." "Oh, you had a nice sort of a mother," murmared the girl. "I had, you young jade," said the mother, "a nicer mother than you ever had."

bit of fun in any of 'em.'

A LITTLE boy was walking with hi namma, and there fell from above his head an avalanche of soot blown by the wind from a neighboring chimney. "Helloa!" cried he, quite astonishe "some nigger snow!" Said a crafty husband to his business

mmense surprise for birthday."
"More extravagance?" "I shall give her nothing, it will be an immens

for your paratoal, of a particular color, you should always give the shade, my shade in the colors being ex dear," said a lady to her daughter, who and the effects quite pleasing. exclaimed, "Give the shade, mamma Why, the parasol will do that!" Toppiestins is a very small man indeed, but he said he never minded it

be tall, strapping young fellows, and his wife began to cut down their old cloths to fit him. THE married man who came home from a political meeting at 2 A. M. the

other day discovered that his wife could outtalk any politician in the "JULIA" wants to know how to keep her husband home at night, and the

Oil City Derrick advises her to have female minstrel shows in the parlot and beer saloons in the yard, &c. THERE is no Indignation more terrible than that of an elderly man in a horse-car offered a seat by a sympathiz-

sest, mom; there hain't a stronger man in this car'n me!" Six medical experts examined a ma as to his sanity and were evenly divided. After they had wrangled about it for a week it was discovered that they had examined the wrong person

ing lady, when he snorts, "Keep your

altogether. Some one, who knows all about it says that, "to ride a velocipede successfully a young man should see that his

hair is carefully parted in the middle, having no more on one side than on the other, in the way of balance." Ax Iowa man sent his wife

prayer meeting to prepare herself for death, as he intended to kill her when she returned. She went, but didn't go

No Cure No Pay.

Dr. Pierce's Family Medicines are guaranteed to cure, for particulars see reliable, have not sprung into popularity in a week or month and gone out of favor as rapidly, but being sustained by merit, have won a world-wide reputation, necessitating a branch in London, to supply foreign countries, while the home sales are enormous throughout the United States. Golden Medi-cal Discovery, purifies and enriches the blood, preventing fevers, and curing all skin and scrofulous affection stimulating the liver to action, reliev tion, which is scrofula of the lungs. if the bowels are costive take Pierce's Pellets (little pills). Both sold by drug-

CHICAGO, Ill., May 5th, 1879. WORLD'S DISPENSARY MEDICAL ASSO CIATION: Gentlemen-For years 1 have been a great sufferer. My trouble first started with terrible ague and chills and constipations. This left me in 1878 with a racking cough and frequent bleedings from the lungs. Since this time I have been continually doctoring, ulting physicians without number. From them I received no benefit or encouragement. The most noted phyicans of our city who last visited in expressed their opinions in the brief but hopeless words, "Take good care of yourself the few days you have to live, we cannot help you." I grew steadily worse under their treatment. One day, through reading your Memorandum Book I learned of the Golden Medical Discovery. With but little hope of re-lief, I purchased a bottle and took it. To my surprise and satisfaction it did me more good than all the drugs I had taken the year around. I am now steadily using it with benefit and re-

Tax daily experience of every one is that neglect of the bowels is the prime cause of ill health. It is so easy to be-come irregular and so difficult to re-store the system to its natural health that many despair and doubt every

remedy.

But when right at hand is to be found Simmons' Liver Regulator, there is no excuse longer to delay, it acts so naturally that the system hardly seems after awhile all remedies can be dis-pensed with, for this medicine estab-lishes the health and permanently creates regularity of the bowels.

"I have never seen or tried such a simple efficacious, satisfactory and pleasant remedy in my life as Simmons'

Liver Regulator. H. HAINES, St. Louis, Mo,"

this loss might be svoided by preventing the destruction of birds. Our husbandmen, as a rule, seem to treat their best friends as their most deadly enemies, and lose directly and severely by so doing. We always feel like choking the ignoramus who, armed with a double-barreled shotgun, spends the best part of the day in shooting birds "just for fun." This fun should be frowned down by public sentiment and prohibited by legal enactment.

The new material for rails. Further exeriments have been made in England with glass rails, and, as represented with favorable results. A plate of the with favorable results. A plate of the Slemen's toughened glass, nine inches square by one and one-eighth inch thick imbedded in gravel ballast some nine mehes deep, and having on its top a wood packing one-eight of an inch thick, and a plece of rail, was subjected to the action of a falling weight, the blows being delivered on the rail. The weight being nine hundred pounds, blows were successively delivered by letting this weight fall from heights by letting this weight fall from heights of three feet, five and one-half feet, seven feet, ten feet, twelve and one-half feet, fifteen feet, seventeen and one-half feet, and twenty feet. Under his last last blow the rail broke, but the glass was uninjured. As a higher fall could not be obtained, and a greater weight was not available, the experiments were continued by substituting a smaller section of rall for that previously employed, the result being that the glass was broken by a second blow of a nine hundred pound weight fall-ing twenty feet, the plate being driven through the ballast into the hard ground. A cast iron plate, nine inches square and one-half inch thick, and tested in a similar way, broke with a slow from the nine hundred pounds weight dropped ten feet. Altogether, the experiments were regarded

The French photographic journals indicate a lively interest in still another process, just brought foward, for progreen-four paper prints are made, and from one of these all parts that are to have the same tint are carefully cut out. The cut prints being arranged to successively laid upon a sheet of paper and colors applied thereto, through the stencils, by means of a brush. The paper with the stencilled figure upon it, in the different colors, is then also mixed, and sensitized in the usual manner in the photo bath ; after which the original negative is applied, and a phoheet, then developed and toned as us-"When you order a new covering ual. Photographs thus made are to be by your parason, of a particular color, attractive, the graduations of light and shade in the colors being excellent

quite satisfactory.

One Experience from Many.

"I had been sick and miserable s long and had caused my husband so much trouble and expense, no one at all untit his three boys grew up to seemed to know what alled me, that I was completely disheartened and discouraged. In this frame of mind I got bottle of Hop Bitters and used them unknown to my family. I soon began to improve and gained so fast that my husband and family thought it strange and unnatural, but when I told them what had helped me, they said "Hurrah for Hop Bitters! long may they prosper, for they have made mother well and us happy."—The Mother. -Home Journal.

An instrument called the stathmo graph, for recording the speed of rallway trains, has been invented by a German mechanician at Cassel, and rause it does the be rnment is about to test it on some of the State lines. A dial in view of the engineer enables him to ascertain the relocity of the locomotive at any moment, and the changes of speed are graphically represented upon a roll of paper, which can be studied at the end of the journey.

An improved method of stopping engines, says the Electrician, has ect of the device is to enable any child or unskilled person in any part of a mill to stop the engine in case of accident. The action is exceedingly simple. By touching a spring similar to he spring of an electric tell, an electric ball is set in motion. The ball drops and shuts one of the valves, which prerents the steam from escaping, and the engine is brought to a standstill.

Looking-glasses are silvered, as it called, by the following process: A sheet of tin-foil is placed very smoothly on a table or stone, and the foil is their looded with mercury. The glass is laid t pon it in such a way as to expel air-bubbles, and heavy weights are laid on the glass. VEGETINE. - The great success of the

Vegetine as a cleanser and purifier of the blood is shown beyond a doubt by the great numbers who have taken it and received immediate relief, with such remarkable cures. Marine glue is made by melting to

gether one part of anvulcanized caout-chouc, previously softened or dissolved in coal nahtha, and two parts of shel-Fractured circular saws may be repaired fit for use by drilling a small round hole at the termination of the

The phenomenon known as will-o'-the wisp and ignla fatuus is simply the phosphoretted hydrogen gas which rises from stagnant water and marshes.

erack, which will effectually prevent

its further extension.

If you are subject to Ague you must be sure to keep your liver, bowels and kidneys in good free condition. When so, you will be sate from all attacks. The remedy to use is Kidney-Wort.—Blade.

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