roots of trees and plants bore through hard impacted soils in search of nourish ment. They use for this a sort of awl, of immense power, situated at the end of the root, and capable, with the aid of the other root machinery, of thrusting aside heavy weights and getting through almost any obstructions. Yet the awl consists only of a mass of microscopic absorbent cells, formed by protopla or vegetable mucus—the fluid in which vital action is first set up. The roots of the elm and the maple will bore through the hardest soil of walks or streets, enter drains, twine about water pipes, and penetrate through the seams stone and brick structures. The roots of some plants have been known work and make their appearance in a foraging for food. They are like a hungry animal which no fences can restrain when there is food beyond. The movements of roots in soils proceed on need more moisture than others, and the roots will drive through rocks to obtain it : others need silicious food, and will penetrate through a clay bank to reach the desired foraging ground.

A LITTLE ADVICE TO FARMERS.—Help stories, of which too many have read more than they should. You will both be happier, and being a farmer's or a comargarine" is the latest addition to mechanic's wife will not be such a the "cuisine." Its component parts that were like yellow sunshine to the last week, where he had not the slightest

enne pepper, mustard, or ginger can, with great benefit, be added to the food of fowls to increase their vigor and to stimulate egg production. This apparently artificial diet will be seen to be natural, if we remember that wild birds of the gallinaceous species get access to very many highly-spiced berries and oil which is thus obtained when it buds; articles that give the "game cooled is the supposed butter sold in flavor" to their flesh. The ordinary food the market. The cost is estimated at of the domestic fowl is not, indeed, from 12 to 15 cents per pound. To give entire without some such addition, since there is more or less of an aromatic principle in wheat, Indian corn, and all other grains. Nevertheless, it is not sufficient in quantity to supply the place of the stronger spices, a taste for It is being imported to Europe in large place of the stronger spices, a taste for which is a part of a fowl's inherited constitution. A moderate quantity of cayenne, etc., added to the ground grain, is always productive of health and thrift in poultry.

PLANTING SWEET POTATO SLIPS, OR "Draws."-It is well to take advantage but plant whether it rain or not. We drought, with the loss of very few terials of which the wheel is made, and plants. "Grout" the plants by plung- its consequent power to resist the cen here to them. This will generally insure a perfect "stand," and hasten the been surpassed by Foucalt, who ingrowth of the vines. A good crop of potatoes will "help out" wonderfully, and there is no reasonable excuse for with a mirror was attached which might not having an abundance of them .- be made to revolve 600, 800, and ever

intervals, not, however, leaving it with to use mirrors either of glass coate eat as much. It is not generally best metal. These are the most rapid revo to change the habits of the fowls under-going this process by shutting them up, if they have before had the run of the why even this should not be surpassed. farm. They worry, pine, and get lean. It is evident that for such great veloci Contentment is essential to the fattening ties cogwheels are out of the question process. Warmth contributes to it Only bands or strings can be used. also, for in very cold weather the body keeps up its regular standard of heat by the consumption of its oils, which are burned out as truly asthough thrown onne of resin, and melt them together.

CULTIVATION FOR PEAR ORCHARDS,-John A. Warder, a celebrated horticul-turist of South Bend, Ohio, writes:

"The amount of cultivation bestowed on a pear orchard will depend very

sled body is to make the sills out of one inch or three quarter boards, with cross pieces of the same thickness bolted between the sills, which are double. You can make these very light and limber. Now put on your side boards with a bolt down through the rave and sill, which will make it very stiff, and can be sled body is to make the selection of the arc of 120°, which is equal to a side of the required figure. This is correct and will be of practical use.

Mr. H. Crossy writes to point out that the easiest way to describe a hep-thick as the boards with the milk and salt, then rice flour to make a batter thick as that for flannel cakes; lastly which will make it very stiff, and can

Scientific.

Makino Bee Hives.—A correspondent of the Cincinnati Gazette tells how he makes a hive which is not patented:

In the first place you want rabbets, half an inch deep at each end of the hive, to receive the ends of the frame; next you want your frames made true, consists of thirty-six test tubes of dilute consists of thirty-six test tubes of dilute. so that they will hang plump in the nitric acid, and the same number of hive. There should be one frame for tubes of sodium pentasulphide, all well every inch and a half of space in width of our hive. Next prepare your bottom board and lay it level. Put your hive connect the neighboring tubes; by which means the terminals are of sin run from front to rear; then elevate ilar metal, and a current of sufficient your hive about three inches, and your hive is ready for the bees. Make your galvanometer obtained. The potential frames just three-fourths of an inch shorter than the inside of your thin change must, with the number of cells showed and have them so they will not touch at either end, nor swing against employed, until sixty cells showed and the end-or-motive force exceeding that of the same number of Daniell's elements. In this new battery the acid lead is positive to copper, while in the suiphide it is negative. Wr. Fleming further to one side the bees will build across the frame. I have my bees in a yard, and the single metal iron, a similar battery could be constructed, parally with the suipport of them and making two borats together and making two borats together and metal the top board of my hive in three pieces by nalling two borats together and making two borats of the same number of Daniell's elements. In this new battery the acid lead is those side, and the single metal iron, a similar battery could be constructed, parallel in the surface next the skin is drier. We all know that silk, cotton and income the top board of my hive in three pieces by nalling two borats together and making two holes to run across the frames, each hole six inches to get and making two borats to get them and making two holes to run across the frames, each hole six inches to get and restrict the north and the produce electricity. At all events it is of them and making two holes to run across the frames, each hole six inches to get and the surface of th increases, as in the ordinary galvani shorter than the inside of your hive, arrangement, with the number of cells

labor with their hands, has been the cause of untold mischief. Students and literally men have often been the victims of a slow starvation from their ignorance of the fact that mental labor causes greater waste of tissue than muscular.—According to careful estimates, three hours of hard study wear on the body more than a whole day of hard work at the anvil or on the farm. "Without phosphoras, no thought," is a German saying; and the consumption of that essential ingredient of the brain increases in proportion to the amount of labor which the organ is required to perform. This wear and tear of the brain and the cause of the cause of the cause of the first of December put on the thickest, extending to ankles and wrists.

Seating himself again in the chair, and wiping the drops ov perspirashun from his brow, he went back to the days ov Adam and Eve, and for half an hour valids and joung children; day laborers and outdoor workers would be the various diseases the human sistem was subjekt to, closing up with a vivid recital ov the circulashun of the body.

The Domestic Growler.—Look at him? He is a curiosity. He was please and the amount of labor which the organ is required to perform. This wear and tear of the brain and wiping the drops ov perspirashun from his brow, he went back to the days ov Adam and Eve, and for half an hour talked ez no man ever talked before on the various diseases the human sistem was subjekt to, closing up with a vivid recital ov the circulashun of the blood.

Again i insisted upon it that the book would not hev it.

Springing from his seat with his book in his hand, and his eyes flashing fire, and wiping the drops ov perspirashun the flower, one days ov Adam and Eve, and for half an hour talked ez no man ever talked before on the two values of the various diseases the human sistem was subjekt to, closing up with a vivid recital ov the circulashun of the blood.

Again i insisted upon it that the book would not hev it.

Springing from his brow, he went back to the days ov Adam and Eve, and f perform. This wear and tear of the brain are easily measured by careful excretions. The importance of the lows in the world. to pass through 18 inches of solid brick the amount of blood it receives, which brain as a working organ is shown by work and make their appearance in a swine cellar below. Plants have a vast power in overcoming obstacles, when of the blood goes to the brain, though as master of the house, but it would not only lower his dignity as master of the house, but it would enits average weight is only one-fortieth of the weight of the body. This fact alone would be sufficient to prove that brain-workers need more food and betcertain principles of utility in connec-tion with the welfare of the plant. Some

EXPLOSION AND FIRING OF VOLATILE Oils,—A mixture of two parts of perfectly dry permanganate of potassium with two or three parts of concentrated The urgency with which nature drives sulphuric acid is a most powerful plants and animals in pursuit of food is oxydizing agent, owing to the separa-almost irresistible,—Exchange. decomposition with the liberation o oxygen. Volatile oils are violently afyour wives in every way you can, trivial fected by this mixture, if about ten though it may seem to you. For indrops are placed in a little dish and stance: keep an extra pair of shoes or then touched with a stout glass rod slippers in the hall or entry, and al- previously dipped into the mixture. ways remember to change your dirty The following produce explosions, often boots before entering her clean rooms.

Then you may be sure of a smile of welcome, as no dirt will be left after you origanum, rue, cubebs, and lemon. The for her to clean up. In the evening following oils are simply inflamed, par-comb your hair as carefully as ever you did in your courting days, put on a and touched with the mixture, though clean coat or dressing-gown, and when under certain still unknown circum you take your paper to read, do not stances explosion may occur: Oils of read to yourself and leave her to lone-rosemary, lavender, cloves, rose, gerasome thoughts while sewing or mending, nium, gaultheria, caraway, cajeput, but remember that she, too, has been bitter almond, and rectified petroleum. working hard all day, and is still work- The following substances are ignited ing. Read to her whatever interests without explosion: Alcohol, ether, you, so that her interests and opinious wood spirit, benzole, chlorelayl, sulmay grow with yours, and that she may phide of carbon, and cotton. Gun comprehend something besides love cotton and gun powder are not ignited.

dreadful tiresome and lonely life as are somewhat worthy of contemplation. many girls have every reason now to The manufacturers, it is said, gather think it is. otels, butcher-shops, and slaughter CONDEMENTS IN POLLTRY DIET. - Cay-houses, adding only milk enough to mine pepper, mustard, or ginger can, mistify the taste, coloring the mass with annotto and chemicals. The trans formation is effected under certain degrees of heat, the matter having pre viously been pounded into a pulp After the heating, it is dipped out into linen cloths and put into a press. The some idea of the extent of the use and manufacture of this deleterious sub stance, it is rumored that \$50,000 have quantities, and its use is becoming more universal than would be believed Naturally, the merchants who sel genuine butter are highly incensed at this taking of profit out of their hands

WHEEL VELOCITIES,-The only limit of a rainy day for planting if you can, to the number of revolutions which a wheel may be made to make in a giver have planted in the midst of severest time is the tensile strength of the maing the roots into a batter composed of trifugal force which tends to rend i equal parts of fresh cow-dung, wood asunder. Savart, in his experiments on ashes and vegetable mould, mixed with the theory of sound, made wheels to water to the proper consistency to ad- revolve from one thousand to two thou-1,000 times per second, or 60,000 times per minute. At these velocities the FATTENING POULTBY.—Adult fowls can ordinary amalgam was completely stripped from the glass to which it was in various ways, at regular, frequent attached; and it was found necessary them all the while, for they will not with pure silver or made entirely o

> ARTIFICIAL coral is made as follows ounce of resin, and melt them together Have ready the branches or twigs peeled and dried, and paint them over with this mixture while hot. The twigs being covered, hold them over a gentle fire, turning them round till they are perfectly smooth. White coral may also be made with white lead, and

which is lighted by the small jet. Thus be lit automatically.

which will make it very still, and can be made very light, and with all the strength possible.

The difference between a hare and a rabbit—a hair's difference, I guess,

To REMOVE rust from sad-irons, or polishing irons, rub rapidly while warm by polishing irons, rub rapidly while warm by polishing irons, rub rapidly while warm but on a board thickly sprinkled with fine salt. To remove starch, scrape thoroughly, rub with beeswax, and wipe rabbit—a hair's difference, I guess,

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Domestic.

CHANGING CLOTHING.-Health and ing aside winter clothing too early.

Iaying fiannels aside in the spring is a last pernicious practice. We can not better do without woolens next the skin in midwinter than in midsummer. We do not get overheated in winter; we do illustry on the state of coughs, colds, and consumption is a rapidly falling of the emperature of the body. All are ampliar with the fact that a sudden thecking of perspiration is always dangerous; very little exercise causes us to perspire in summer, and a very slight that of air checks the perspiration; hence, eminent French physicians have stated, after a long series of observations, that colds taken in summer excite the most increased in the parlor who must see me immediately on very important buzziness.

Hastening from the table I found in the presence of a plainly divines, and by all poets with an eye to nature and beauty, that the color and distrikt for the sale of Erastus Spignot's new work entitled the "Normal Circular lashun of the Blood."

I at once informed that thar waz a gentleman in the parlor who must see me immediately on very important buzziness.

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Hastening from the table I found myself in the presence of a plainly divines, and by all poets with an eye to nature and beauty, that the color and offers of the beauty or the blood."

I at once inf

But he does not look so now. He considers it bad domestic policy to come home looking smiling and cheeras master of the house, but it would en-courage his wife and children to the asking of all sorts of favors, and the running into, gookness knows, what extravagances. The only way he believes, to keep up a proper system of house-hold authority, and reduce household expenditure to its certain limits, is to moment, the system of domestic snub- the next phellow.

Of course, the comnig home of the Of course, the commig home of the Growler is not looked for with joy. All pleasant influences take wing. The very atmosphere becomes charged with detailed by the pleasant influences take wing. The very than the pensive cockroach doz to the control of the pleasant influences take wing. The very than the pensive cockroach doz to the control of the pensive cockroach doz to the cockr atmosphere becomes charged with depressing or explosive material. The cook spills the gravy, and blackens the toast for the pigeons; the wife is afraid the soup will not be all right, or the the soup will not be all right, or the cook spills the gravy and blackens the toast for the pigeons; the wife is afraid and, like the fly in the spider's web, the cook spills the gravy and blackens the mouse when yu ain't looking for 'em, and, like the fly in the spider's web, the cook spills the gravy, and blackens the toast for the pigeons; the wife is afraid and, like the fly in the spider's web, the cook spills the gravy, and blackens the toast for the pigeons; the wife is afraid and, like the fly in the spider's web, the cook spills the gravy and blackens the toast for the pigeons; the wife is afraid and, like the fly in the spider's web, the cook spills the gravy and blackens the toast for the pigeons; the wife is afraid and, like the fly in the spider's web, the cook spills the gravy and blackens the cook spills the gravy and the cook spills the pudding done to the precise turn; the children huddle in a corner, and talk in get in.

room in a poor tenement house lay a way that he duz it, sick child, wasted with fever and the sick child, wasted with fever and the prostration which followed. It had seemed impossible to rouse him, or excite the slightest interest in any thing. The young lady who had carried her bunch of shining golden buttercups, and held them up before the child. The that flitted across the wee white face of hay.' Smithson says there is nothing was eloquence enough. The fingers at all remarkable about that. He went closed tight over the simple flowers little sufferer. When a second visit, acquaintance with the cattle; and an with fresh flowers, was made on Thurs- old bull not only followed him until he day, the boy's mother said, "Jimmy left the lot, but took the gate off the would not lay the flowers out of his hand while he was awake; only when in the most familiar way possible. he slept could I put them in water to Smithson says he has no doubt that the freshen a bit, for he must have them in old fellow would have called for somehis hand again as soon he water.

Sure enough, the little fellow still held didn't want to keep the folks waiting the head. The man with a cold in his withered treasures, which had been dinner; so he hung one tail of his coat head is a mournful fabric to contemhis hand again as soon he waked." his withered treasures, which had been dinner; so he hung one tail of his coat more to him than doctor's visit or prescriptions. Fresh flowers from the horns and went into the house. grateful recognition to his face; the long weary hours of convalescence were lightened and brightened for one little sufferer by the Flower Mission.

Dressed Bananas. — They can be simply peeled and sliced, and dressed with sugar dissolved in water to the taste, letting them stand a few hours to impart their flavor to the dressing. It from Thy inexhaustible store-house in the great deep, and which every day we hear called upon our streets, 'Fine, dozen bananas. But a far better dressing consists of the juice of oranges sweetened and poured over the sliced bananas, using four oranges, a gill of water, and a gill of sugar to one dozen bananas. Let it stand three or four hours before using, and stir before dishing, but not enough to break the slices. This is a feeling: "why, only a week afore there into a mental calculation as to which is an improvement to add a little lemon

place in a closely-covered porcelain-lined saucepan on the stove, with barely water enough to cover the fruit, and stew gently for three minutes after it begins to boil. Then strain through a lath or through a hair sieve sweeten. loth or through a hair-sieve, sweeten the juice to the taste, return to the fire

mond and emerald necklace and brooch.

The Princess of Wales wore a dress of went on measuring goods immediately.

pale green satin, with pleatings of green much on the energy and earnestness of the proprietor. So also the quantity and value of the crops returned to him will be in direct ratio to the amount of care and culture he has given his trees. This will apply particularly to an orchard of dwarf pears."

A New method for lighting street gas burners; one, very small, burns all the time. When the gas pressure is raised, a small gas holder, on the top of the column is elevated affording a passage.

We quote the above by request but the column is elevated affording a passage. ornaments, pearls and diamonds,

> VELVET CAKE, -One quart of all the street lamps in the district may unskim'd milk—half cream and half milk is preferrable—three eggs—white

Humorous.

THE BOOK CANVASSER. - About 8 years sometimes life itself is often lost by lay-ing aside winter clothing too early. waz informed that thar waz a gentleman Laying flannels aside in the spring is a in the parlor who must see me imme-

with the reflecshun that if ever i had a book to sell miself, i would hev it sold of sweets

dertaker. The only way tu git rid ov him is tu class of insects, which visit it under the always find fault, and never relax for a subskribe at once, and let him go for impression that it is decaying meat. moment, the system of domestic snub-

more yu try tu git out the further yu get in. tine liason between some modest, virget in.

The young lady who had carried her canvasser iz so polite and so utterly however, the same theory is unortho-A Massachuserrs farmer says: 'My cattle will follow me until I leave the lot, and on the way up to the barn yard dull, languid eye brightened, the tiny cattle will follow me until I leave the emaciated hand opened to receive them; lot, and on the way up to the barn yard too feeble for a spoken word, the smile in the evening stop and call for a lock

thing if he had waited a while, but he

SIMPLICITY. - A Highland clergyman, eminent for his piety and simplicity of heart, but also noted for great eccentricity of character, surprised his heart by introducing the following passage into one of his prayers: 'O, Lord! we desire to offer our grateful thanks unto Thee for the seasonable relief which Thou hast sent to the poor of this place from Thy inexhaustible store-house in the great deep, and which every day we ceal his surprise at the pressure of business.

THE story is told of a seven-year-old STRAWBERRY-PUDDING SAUCE.—Take small fruit or bruised fruit, or any that sileft from the table, or any that will not keep well until you wish to use it, 'Come and play and dance, my dear.'

SETH GREEN says that the death of

tion, wore a black silk dress with a train, trimmed with black ostrich feathers and crape, and a long white tulle veil, surmounted by a diadem of emeralds and diamonds; also, a diameter of the comment of the comment

"Och," said a love-sick Hibernian "what recreation it is to be dying of love! It sets the heart aching so delicately there's no taking a wink of sleep for the pleasure of the pain !"

girl why beer in French was feminine. She replied that it was probably owing to the fact that the boys liked it so well. A ror, in company, wanting his servant, called out, "Where's that block-head of mine?" "On your shoulders,

goats' and she actually sent to the store buy one for her son Isaac,

Miscellany.

The Loves of the Flowers. A scientific writer has knocked from

mouth extended into a loud guffaw in reply to one of Jenk's yarns, you would have said he was one of the jolliest fellows in the world.

It is kontents, commencing at apart. The gorgeous and fragrant lord apart. The gorgeous and fragrant lord of a harem never gazes upon his houris, but sends them his adoration, and lovelows in the world.

by subskripshun.

The more i think ov it i am delited with the pions suffering of the book with the pions suffering of the book It is further urged by the scientis canvasser.

He is a man whom yu kant eskape any more than yu kan your own shaddo, he follows his victim like a ghost and hangs around him grinning like an un- notably the case of the carrion-flo which attracts to it a certain buzzard-The shaving-sope man, and the life insurance agent are very good in their way, but they don't kompare with the

whispers, and no one feels that they can breathe until "pa" has gone. Who would be a growler?

Flowers for the Sick.—In an upper room in a poor tenement house lay a room in a poor tenement house lay a way that he duz it.

get in.

I live the book-canvasser now, hiz buckler, the gorgeous lord of some words are like hunny in the comb, and his logic iz like sweet ile, and tho he may sell me a book i don't want, and wont have, there is real phun in the adds to it, for the reason that there is a distant glade. Nevertheless, the theory takes nothing from the element of "contrivance" so much insisted on by orthodox believers. In fact, it rather adds to it, for the reason that there is a dox, in that it asserts that plan secured by ampler means.—New York

The statement that Massachusetts "has 200,000 old maids" is not true. It lacks almost 1,000 of the number.

Boston Post: Louisiana wants

THE Danbury News Man says: "One of the most annoying complaints in the range of medical knowledge is a cold in plate, He loses his interest in everything but a stove and a handkerchief, and were he called upon to give an ex-pression, it would be found that his idea of heaven was a place where stove enough to break the slices. This is a happy combination of flavors. As the season advances and oranges become scarce, substitute the juice of pine-apples. These are somewhat expensive dishes, but they are delicate and delicious.

deed she did," he explained, with much feeling; "why, only a week afore there was a man around here that wanted to insure her, but I never dreamed of anything happening. And," he added, apologetically, "I don't believe anybody with the handkerchief as a flag of truce apologetically, "I don't believe anybody would have thought it to look at her."

Tur story is told of a seven-year-old at every learn Long after every one at every leap. Long after every one else is asleep he starts up with a terrific sneeze, and finds that his feet are sticking out below the quilts, and that the handkerchief which he meant to have carefully located for just this emergency, is nowhere to be found. This distressing malady is the Wandering Jew of
ailments, invades every household, and,
but a few years since, could, with perfect impunity, snap its feverish finger
in the very face of medical science. But the juice to the taste, return to the fire and scald the sugar in, and, if desired, thicken with a very little corn starch or arrowroot, not more than one teaspoon ful to a quart of the juice. If this juice makes the sauce stronger than you need, reduce it with water. Use it for boiled rice, corn starch, boiled fruit puddings, or any other pudding with which it harmonizes.

Queen Victoria, at her last reception, wore a black silk dress with a sugar in, and, if desired, gold fishes that inhabit glass globes is due to one of three causes—"handling, stravation or bad water." A precocious bey of eight summers, with whom we are acquainted, attributes the death of a pet gold fish—his sister's idol—to the fact that it couldn't take a joke. He nsel to catch it occasionally with a bent pin.

Queen Victoria, at her last reception, wore a black silk dress with a summers and processing the frantic rage of this heretofore untamed barbarian, and, in twenty-four to thirty-six hours, "Richard is himself again." i

"HAPPINESS IS THE ABSENCE OF PAIN. says Jean Paul Richter, and 20,000 grateful patients bless the ANAERSIS of DR. SILBBEE as the only infallible cure for Piles ever discovered. It is purely scientific, combining the best methods of the French, English and American surgeons, acting as an instrument, poultice and medicine, and not only affording instant relief from exerneis ting pain, but performing an absolute and permanent cure. All Doctors ap-THE REASON, -An instructor asked a prove it. Price \$1.00. Sold by Drug-

The Satanic Theory that preparations which inflame the brain are, in any sense of the word, remedies, has been sir," said a lady.

As old lady advises young girls who want to remember a thing, to write it down and paste it on the looking-glass.

Mrs. Partisoros calls them 'riding goats' and she actually sent to the store buy one for her son Isaac.

Sense of the word, remedies, has been overthrown, and can never be re-established. The wonderful effects which have attended the use of Dr. Walker's Wheel Gears, Rotary Cams or Lever Arms, that the Automatic Drop Feed, which insures uniform length of attich at any spreed. Has our new Thread Controller, which allows canses of uisease and a cure for every controllable ailment, have demonstrated the utter fallacy of the doctrine that alcohol is a tonic as well as a stimulant. The New and incomparable Vegetable skillful and experienced mechanics, at the cele-

THE GREAT MEDICAL REFORMATION.

dew of Heaven, yet see how it is invig-orating the nervous, relieving the bil-ious, curing the dyspeptic, purifying the blood of the scrofulous, strengthening the debilitated, arresting prema-ture decay, and replacing despondency and weakness with cheerfulness and activity. Truly a grand Medical Revolution is in progress.

A GENTLEMAN afflicted with the chronic rheumatism says, "No description of my case can convey the vast amount of benefit 1 have received from the use of Johnson's Anodyne Liniment. I believe it is the best article in the world for rheumatism.

If a horse has a good constitution, and has once been a good horse, no matter how old or how much run down he may be, he can be greatly improved and in many respects made as good a-new, by a liberal use of Sheridan's Cavalry Condition Powders.

lieve human suffering. Its highest trumph is found in Dr. Hickman's Ruse umph is found in Dr. Hickman's Rhee Matic Elixir, a remedy of the highest character and standing. Acute of chronic Rheumatism, Gout, and all aches and pains which are caused by the above diseases, give way before it beneficent power. For sale by all respectable Druggists. Price \$1. If you Druggist has not got it, take no other, but send \$1 direct to the Sole Proprietor and Manufacturer, Dr. Wm. H. Hickman, 336 South Second St., Philadelphia, Pa. Also Manufacturer of Dr. HICKMAN'S ELECTRIC FLUID for Neuralgia, Headache and Toothache. gia, Headache and Toothache

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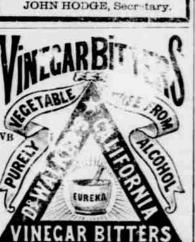
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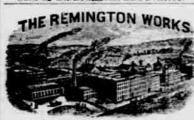
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it, added to their drink, are sufficient to preserve them in inestinable hear and vigor. Those whe are accustomed to frink les water during the summer, should never smit to add some fiwedish litt es. Persons given to redentary life should not the Swellah Sitters. I will neutralize the had of facts of their want of gereise in spen air, and keep hem is good health and good spirits. Se To the Ladies the Swedish Bitters most

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people, trying to indemnify themselves for pasomache and thus impair their digestive ergans-As a matter of course, in case of sickness, th

nitable to the disease in question. or do," is strictly to be observed. HOW TO TAKE SWEDISH BITTERS

abecace of infammatory symptome.

Grown persons take one tablespoonful three times

stain from it as much as pracible, while using Swed chammomile or root of calamus, but then swallow the salvin, instead of spitting it away. In the same

Persons wenteted with dyspepsia must not out ho moderate exercise in free air volding all anddes changes of temperature, all intemperance in eating and drinking, and all undue mental excitement, by which they will contribute largely to the effective

H. B .- Should the Swedish Bitters not sail al tastes. It may be taken with some engar, or can be

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its wonderful offects, was obtained by an of their hin, while participating in the earliest empeditions of the Spaniards in America, after a solumn promine, naver to divalge it but to the pr. samed prine

THIS GENUINE SWEDISH BITTERS as it is now called, has since its com'ng late public see, effected thousands of actoulable g cures of m Hente already given up by man; ptychians, and

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During all this time they made frequent use of the

Bitters, which rendered them a strong and long-

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peret by his family for more than three can

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The effect of the Swedish Bitters direct itself, to the Srat place, to the nerves of the digestive organs throughout their entire extent, but mainly to the stomach and the visceral tract. It normalises their existing irregularities or removes obstructions and etentions of all kind, or stope Diarrhose, I-tery, or other anamolous discharges and officia, By regulating the abdominal organs, of which depend the nourishment, the conservation and the derelopment of the human body—the Swedish Hissharpens the senses and the intellest, removes th trembling of the limbs the seldity, the burning sauses, and palms of the stomach, improves its dicostive faculties, and is an excellent Prophylactic and Remedy against nervous leritability, Flatslescy, Cholie, Worms, Dropsy, &s. If takes is double doses, it operates as a sure speriest, but is

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specitys trops, encounded in reducing the mornity

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andden changes of temperature, or the draft or air. fall to use the Swedish Bilters, as a few drope of

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the female body, and of its beauty by perfect forms and fine complettion and color.

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dangerous infu-ness all harmless.

privations, are very apt to often overload their the r ots of the tree. The use of the Swedish Bit patient should avoid food not agreeing with him or such, as to known to be difficult to digest or un,

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15 one half

5 one-quarter

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diluted with some sugar-water or syrup.

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