AGRICULTURAL.

Soil Exhaustion—A soil is said to be exhausted when it fails to give paying crops under the most favorable circumstances of weather, tillage, etc. This exhaustion is brought about by the removal of the constituents needed by the plants, without any corresponding addition of these food elements. Thus a soil may contain enough phosphoric acid in an available quantity for ten full crops, but after that, if none of this substance is added to the soil, the crop cannot make a full return for the labor expended upon it. A soil may thus be exhausted or deficient in only one of the several food elements, and yet is not much better, as far as plant growth is concerned, than if all the elements were equally lacking. All crops do not exhaust soils equally—some remove more potash than others, and one requires a greater amount of nitrogen than another. This is very clearly shown in the long experiments of Lawes and Gilbert, at Rothamsted, England. It is found by them that the plots upon which continuous crops of clover, beans and roots, have been grown without any manure, have declined more rapidly than the land devoted to cereal grain crops. This is surprising, in so far as clover, etc., are generally considered as restorative rather than exhaustive crops. A judicious rotation of crops is as much needed to preserve the even fertility of the soil as to keep it mellow and free from weeds.

Hot Bath for Borers.—In our garden we have a dwarf apple tree, which, after the manner of dwarf trees, has many roots issuing immediately at the surface. Borers have made an attack upon this tree and the gnarly tortuous growth amid these roots and their crowd, makes it impossible to follow the grubs with knife and wire without greatly increasing the destructive cutting which they do with their jaws. The tree produces apples of Summer Rose and other sorts, so fine in quality and quantity that we could not bear to think of surrendering it to these insidious miners. So we instituted a regular course of siege, surrounding their fort with a wall of iron (a deep pan, bottomless, and slit down one side,) and, after soaking the ground with water, covered it, inside the pan, with tough mud of potter's clay, to retain the water, leaving the entrances of the borer galleries (shown by their thrown out chips,) open. A large boiler of water was heated, and when boiling hot poured into the pan, the half-dried bottom of clay retaining it long enough to reach and drown or scald out the enemy in time, as we hope, to save the tree. Old bark and wood will endure scalding well, as many serviceable applications of it to peach trees have proved. On them it not only clears off borers, but often seems effective in staying the yellows, and restoring the color and luxuriance of the foliage.

Bone Meal Manure—Last year we gave bone manure a pretty thorough trial, and on the whole we are better satisfied with it than any other commercial fertilizer we have ever used. Its effects are not so immediate as those of the super-phosphates and guanos, but it has staying qualities far beyond any of them, and when properly applied will give satisfactory results the first season. We prepared it by mixing one part bone with two of wood ashes, and then wetting the mixture, after which it was shoveled over several times at intervals of four or five days, when the bone was thoroughly reduced and incorporated in the ashes. In this shape we count the mixture as good for hoed top dressing as the best commercial fertilizers, and for vines, flowers and garden vegetables it is superior. It has a wonderful effect when used in a flower bed, especially in preserving the freshness of the plants through the season, and grape vines feed and thrive upon it better than upon anything else we ever gave them. We tried it upon grass land, side by side with a standard Boston fertilizer, and got quite as good crops with it last season, while last spring it showed to much better advantage than the imported article.

Cornstalks as a Fertilizer.—An exchange tells of a farmer who ploughed an acre of rather poor soil and in the furrows he laid cornstalks lengthwise, and so on till the whole was ploughed. On another acre he burnt the same amount of cornstalks and spread the ashes, the whole field then being planted with corn. The latter portion started much better than the first, and during the early part of the season was a good deal ahead, but the latter part of the season the first portion went ahead, the result being that the cornstalks brought off the best crop.

In light soil it is desirable that the surface should be continually covered by crops bearing as much leaf as possible to convey to the land from its atmosphere its manuring properties.

A Marine Velocipede.—Mr. Robert Fryer has invented a new ocean steamer. The vessel will be a kind of marine velocipede on three wheels, her hull not being intended to touch the water. The steamer has not been begun, but Mr. Fryer has completed a small model of her at Mc Crea's yard. The vessel floats on three spheres made of sheet steal, one forward and two astern. Each of these is united with flanges, which surround nearly the whole of its circumference and act as paddles, The spheres are so arranged that they can be worked backward and forward, or one worked backward and the others forward simultaneously, so that the vessel may be turned completely around in "her own water," as sailors put it. With such power of rapid turning, no rudder will be necessary. The upper works are to rest upon the spheres that do the propelling, and will be as light as is consistent with strength. There are to be three decks, and the staterooms are to be in the after part of the vessel, between the wheels, on the second and third decks. The dining-room is to be on the third deck. The boat is to be 210 feet long and 130 feet deep. Her three sphere or paddle wheels are to be 60 feet in diameter each, the flanges or paddles being each 18 inches. Mr. Fryer says he expects to beat the best ocean time by at least two days, and declares that his vessel will be both safe and comfortable. Arrangements are making for the building of the vessel.

A good aquarium cement is composed of three ounces of linseed oil, four ounces of tar and one pound of rosin. These are allowed to melt together over a gentle fire. If too much oil is used the cement will run down the angles of the aquarium. To obviate this it should be tested before using by allowing a small quantity to cool under cool water, and if not found sufficiently firm, allowing it to simmer longer, or have more tar and resin added. The cement should be poured into the angles of the aquarium while in a liquid state, but not when boiling, or it would most assuredly crack the glass. The cement will become firm in a few minutes, and the aquarium may then be tilted up in a different position while a second angle is treated likewise. This composition adheres firmly to the glass, is so pliant that it may be pressed into any shape by the fingers, and it does not communicate any poisonous quality to the water.

DOMESTIC.

Adulterated Coffee:—Ground coffee affords a field for adulteration, and for this purpose chiccory, carrots, caramel, date-seeds, etc., are the substances most commonly used. The beans have of late years been skillfully imitated but as coffee is mostly purchased in the ground condition, the chief point for the consumer is to be able to form some idea as to the character of the latter article, and the following are a few simple reliable tests: Take a little of the coffee and press it between the fingers, or give it a squeeze in the paper in which it is bought; if genuine it will not form a coherent mass, as coffee grains are hard and do not readily adhere to each other; but if the grains stick to each other and form a sort of "cake," we may be pretty sure of adulteration in the shape of chiccory, for the grains of chiccory are softer and more open and adhere without difficulity when squeezed. Again, if we place a few grains in a saucer and moisten them with a little cold water, chiccory will very quickly become soft like bread-crumbs, while coffee will take a long time to soften. A third test: take a wine-glass or a tumbler full of water and gently drop a pinch of the ground coffee on the surface of the water without stirring or agitating; genuine coffee will float for sometime whilst chiccory or any soft root will soon sink; and chiccory or caramel will cause a yellowish or brownish color to diffuse rapidly through the water, while pure coffee will give no sensible tint under such circumstances for a considerable length of time. "Coffee mixtures" or "coffee improvers" should be avoided. They seldom consist of anything but chiccory and caramel. "French coffee," so widely used at present, is generally ground coffee, the beans of which have been roasted with a certain amount of sugar, which, coating over the bean, has retained more of the original aroma than in ordinary coffee, but this, of course, at the expense of the reduced percentage of coffee due to the presence of caramel.

For the sick.—Frequently we find sick people whose stomachs reject all kind of nourishment, until conditions follow that are in many cases fatal. I have never known the simple saucer of parched corn pudding refused. The corn is roasted brown precisely as we roast coffee, ground as fine as meal in a coffee mill, and made either into mush, gruel, or thin cakes baked lightly brown and given either warm or cold, clear, or whatever dressing the stomach will retain. Parched corn and meal boiled in milk, and fed frequently to children suffering from summer diarrhoea, will almost always cure as it will dysentery in adults.

Chopped pickle.—One gallon of green tomatoes, four large onions, three red peppers and three green ones, leaving in a few of the seeds. Chop all fine; throw in a big handful of salt; mix well together, and let it stand over night. In the morning drain dry and add one pound of brown sugar, one tablespoonful each of black pepper, ground cloves and allspice; half a pint of white mustard seed and one-quarter of an ounce of celery seed. Pour over three pints of cider vinegar, boiling hot. This is excellent. Put into jars or wide-mouthed bottles, and cork tightly.

Remedy for Diphtheria.—A new Bedford, Mass., woman reports a new, and as she claims, a successful cure for diphtheria. A little nephew of hers was sick with diphtheria, and the child's mother was told to give him tea made of the bark of the roots of the white birch. She did so, and the coating of the throat and mouth began to loosen and come off, and entire recovery followed. The tea may be used as a drink or gargle, or may be held in the mouth.

Apple trifle.—Scald as many apples as, when pulped, will cover the dish you design to use to the depth of two or three inches. Before you place them in the dish add to them the rind of half a lemon, grated fine, and sugar to taste. Mix half a pint of cream, and the yolk of an egg; scald it over the fire, keeping it stirring, and do not let it boil; add a little sugar, and let it stand till cold, then lay it over the apples, and finish with the cream whip.

Vermicelli pudding.—Two ounces of vermicelli, three quarters of a pint of milk, quarter of a pint of cream, one ounce and a half of butter, two eggs, one ounce and a half of sugar; boil the vermicelli in the milk untill tender, then stir in the remaining ingredients; butter a small tart-dish and bake.

In making cakes be careful to observe the following simple rules:—Beat them up with your hand, not with a spoon; always dry your flour; always clean your currants and sultana raisins in flour, not in water; beat up eggs for ten minutes before adding them to the other ingredients; when the cakes are taken from the oven, turn them out of the tin and stand them outside the warm tin.

To cure colic.—For the violent internal agony termed colic, take a teaspoonful of salt in a pint of water; drink it and go to bed. It is one of the speediest remedies known. The same will revive a person who seems almost dead from a heavy fall.

Relief for burns.—A quick cure is to apply a layer of common salt and saturate it with laudanum. Hold it in place an hour or so by a simple bandage. The smarting sensation will disappear rapidly and the burn get well.

For sprains.—There is nothing better than a strong decoction of wormwood and vinegar. A flannel cloth wrung out of the above just as hot as the patient will bear, and bound on the affected part will give immediate relief.

Croup.—A towel or flannel cloth wrung out of hot vinegar in which a little salt has been added, and placed upon the chest and throat—changing every ten minutes—with a dry towel thoroughly covering it, often materially assists in relieving an attack of croup.

Gargle for Sore Throat.—Take one teaspoonful of cayenne pepper, one tea spoonful of salt, one pint of water, two tablespoonfuls of vinegar; sweeten to taste with honey or loaf sugar. Mix together and bottle.

To remove substances from the eye.—Make a loop of a bristle or horsehair, insert it under the lid, and then withdraw slowly and carefully. This is said to be neverfailing.

To cure warts.—Cut a slice from a raw potato and rub the hand each night: let the water dry on the hand. It will need but few applications.

To relieve asthma—Soak blotting or tissue paper in strong saltpetre water. Dry and burn at night in the bed-room.

To cure corns.—Apply morning and evening one drop of solution of per chloride of iron.

WIT AND HUMOR.

JONES was eating dinner at his boarding house, and during his investigation of his plate of hash he ran across a piece of postage stamp. The landlady saw him pick it out and look at it, and she began to get mad. But Jones said nothing, and laying down his knife and fork, began to dig in the dish with a spoon from which the piece of stamp had come. Finally when the lady could stand it no longer she said:

"Well, Mr. Jones, what is the matter?"

"Oh, nothing," replied the philosopher.

"What are you prying into the victuals for then?"

"Why, you see the piece of stamp reminds me of a letter I was expecting, and I just thought I'd prod around this dish a while and see if I couldn't find the mail-carrier, and ask him about the letter without walking down to the office."

The mail-carrier was not found, and Jones has changed his boarding house.

TAKEN FOR GRANTED:—Said the reporter, entering the store of Smith, Smithson & Co., "I understand that Mr. Smith is dead, and I have come to get a few points for a notice in the *Daily Lubricator*." The shopman gives birthplace, age and a few other facts. "Was there anything of public interest about the deceased?" asked the reporter. "No," was the reply. "Nothing that I think of, It is hardly worth mentioning, perhaps, that Mr. Smith was the oldest Mason, one of the original Free Soilers, and the man who first mentioned General Garfield in connection with the Presidency." "Oh, I've got all that down," said the reporter. "We put that in all our death notices now; but is there anything of special interest?" "No." "Good morning sir."

WHAT MAKES A NEWSPAPER:—The elements that serve to make a newspaper popular are very much diversified. A man with very short hair, who had evidently just been pardoned out of the penitentiary, came into the *Siftings* sanctum the other day and subscribed. He said he liked the paper very much, that he used to get it when he was in the penitentiary. "What peculiar feature of it do you like most?" asked one of the sifters. "I like your pitching into the Legislature. I've got a brother who brought disgrace on the family by belonging to it. I've never had any use for him since."

"SEE her kiss that ugly dog," said one gentleman to a friend on a Fourth Avenue car in a loud whisper, calling attention to a woman who was lavish with her endearments of a pet poodle. She overheard the comment and glowering upon the unfortunate man said in vinegary accents: "It won't hurt me if I do." "Oh, I beg your pardon, madam, but my sympathy was wholly with the dog."

THE proprietor of a drug-store in a neighboring town was recently putting up a prescription, and being in doubt about it, asked of the cashier, who sat near, "Jennie, how many scruples does it take to make a drachm?" "I've seen you take a dram without any scruples," was the instant reply. The proprietor concluded that when he needed any more information he would consult his dispensatory.

A PLEASANT CALL:—Come here, Hildebrand, my love," said a fond New Haven mother as her spindle legged youngster appeared just inside the gate. "Hildebrand! I should say so. How came you to tie such a homely boy to such a high-priced name?" said a blunt spoken caller. "He may be homely but he's mine thank you. I didn't have to marry a widower with four over grown boys, as you did." This treading on corns, metaphorically, doesn't pay.

"You had better change that "rug," said a lady to a servant. "Don't you think it corroborates better with the carpet this way?" was the response. It was the same girl who told her mistress that a gentleman with a predicament in his speech had called to see her.

"COURTESY open many doors," says the old adage. "This may be true as far as it goes," says the commentator, "but you might stand before a bank building and courtesy till your spinal column was as limber as an old postage stamp, yet the doors wouldn't spring back on their hinges worth a cent."

PATRIOTISM:—"Say, ma, you know that sour milk? Well, it's all spilled into the bottom of the refrigerator and run out into the pan underneath." "Never mind my dear, put it on the table and call it koumiss. My boarders are patriotic. They'll drink it." The way to make money in a boarding house is to make every point tell.

PARTICULARLY BLESSED:—While preaching from the text, "He giveth His beloved sleep," a Toledo minister stopped in the middle of his sermon, gazed upon his sleeping auditors and said: "Brethren, it is hard to realize the wondrous, unbounded love the Lord appears to have for a good portion of this congregation!"

ANALOGY:—Mabel (aged twenty) to Edith (aged five)—"There, Edith, do stop hugging me; you'll drag me to death." Edith—"You didn't talk that way to Charley Brown t'other evening, and he weighs ever so much more as I.

"WHY, old fellow, I thought you were dead long ago," he exclaimed, grasping his friend's hand, and shaking it with an enthusiasm that almost brought tears to his eyes. "No, not dead," he responded calmly. "I expected to be, but a divorce court intervened in time to save me."

IN a village near Cork a physician was disturbed one night by repeated tappings at his door, and on getting up he found a laboring man, "Have you been here long?" "Indeed I have," answered the caller. "Why didn't you ring the bell?" "Och, because I was afraid of disturbing your honor!"

A GALLANT HUSBAND:—Fogg is the most gallant of men. He had a meerschaum pipe given to him by Mrs. F. last Christmas and it still retains its pristine whiteness. Fogg says no gentleman will smoke in the presents of ladies.

A COMMITTEE on tableaux at a centennial celebration in Vermont, issued an invitation asking "all the pretty women in town" to meet at the hall to take part in the tableaux, and every woman in the place came to time. The committee knew how to get plenty of help.

"ARE you telling me the truth about that horse?" said the buyer to the seller. And the latter replied: "Great snakes no! You didn't expect me to, did you?'

AN Ohio woman owed her hired man $320. She married him to square the account, and then for $60 she got a divorce, thus saving $260.

[Keokuk Constitution.]

Every Time.

A man, or even a piece of machinery that does its work right every time, is we think, very correctly judged "valuable." And certainly none the less valuable is any article designed to relieve the ills of mankind and which does so every time. Messrs. Jones, Cook & Co., Bay State Brewery, Boston, Mass., write: We have used St. Jacob's Oil among our men and find that it helps them "every time." We therefore recommend it as a pain-healing liniment.

LITTLE NELL mashed her finger in the door, the other day, and came up crying and holding it in her other hand, All at once she stopped, as if listening, and then looking up through her tears, exclaimed; "Mamma, there's a little heart in my finger, I feel it frobbing."

[Cairo, (Ill.) Radical Republican.]

What We Know About It.

"What do we know about St. Jacob's Oil?" said one of our oldest subscribers. This was a fair question, and we answer, that we are reliably informed, that a gentleman of this city who has suffered untold agony, and spent a mint of money to get relief from Rheumatism, in desperation bought some and tried it, and declares that it is the best remedy for Rheumatism he ever heard of.

THE man with biased judgment is the man whose opinion differs from your own.

Kidney Diseases.

Kidney diseases afflict the greater part of the human race, and they are constantly on the increase, but where the virtues of Kidney-Wort have become known, they are held in check and speedily cured. Let those who have had to constantly dose spirits of nitre and such stuff, give this great remedy a trial and be cured. In the dry form it is most economical, in the liquid the most convenient. —*Phila. Press.*

SWELLED NECK.—Wash the part with brine, and drink it also twice a day until cured.

Vegetine

The Best Medicine.

GENERAL DEBILITY

FREEPORT, Ills., Sept. 27, 1878.

H. R. STEVENS, Boston:

Dear Sir.—I have been using your valuable medicine, "Vegetine," for General Debility, and have no hesitation in saying that I consider it one of the best, if not **the best** medicine in the market for a general invigorator and Blood Purifier. J. H. PORTER.

Vegetine,

GIVES GENERAL SATISFACTION.

Eruptions of the Skin, Chronic Sore Eyes, and General Debility.

Read what Dr. Simmons says:

VERONA, Miss., June 5, 1878.

H. R. STEVENS, Boston:

I have used "Vegetine" in my family for two years and cordially recommend it as a remedy for Eruptions of the skin, Chronic Sore Eyes and General Debility. I have also recommended it to a great many persons in this section, and I think it has given general satisfaction. Very respectfully,

DR. J. J. SIMMONS.

Your very valuable medicine, "Vegetine," restored the sight to my little daughter, saved her from being blind, and I have no doubt saved her life. Very gratefully,

MRS. J. J. SIMMONS

WITH SUCH BENEFIT.

SHEBOYGAN, Wis., Nov. 15, 1878.

H. R. STEVENS, Boston:

Dear Sir.—I can fully testify to the efficiency of your Vegetine as a Great Blood Purifier, having used it during the last seven months with such benefit.

Yours truly,

W. O. ST. SURE, Druggist

Vegetine.

PREPARED BY

H. R. STEVENS, Boston, Mass.

Vegetine is Sold by All Druggists.

MRS. LYDIA E. PINKHAM, OF LYNN, MASS.,

Yours for Health
Lydia E. Pinkham

LYDIA E. PINKHAM'S
VEGETABLE COMPOUND.

Is a Positive Cure

for all those Painful Complaints and Weaknesses so common to our best female population.

It will cure entirely the worst form of Female Complaints, all ovarian troubles, Inflammation and Ulceration, Falling and Displacements, and the consequent Spinal Weakness, and is particularly adapted to the Change of Life.

It will dissolve and expel tumors from the uterus in an early stage of development. The tendency to cancerous humors there is checked very speedily by its use.

It removes faintness, flatulency, destroys all craving for stimulants, and relieves weakness of the stomach. It cures Bloating, Headaches, Nervous Prostration, General Debility, Sleeplessness, Depression and Indigestion.

That feeling of bearing down, causing pain, weight and backache, is always permanently cured by its use.

It will at all times and under all circumstances act in harmony with the laws that govern the female system.

For the cure of Kidney Complaints of either sex this Compound is unsurpassed.

LYDIA E. PINKHAM'S VEGETABLE COMPOUND is prepared at 233 and 235 Western Avenue, Lynn, Mass. Price $1. Six bottles for $5. Sent by mail in the form of pills, also in the form of lozenges, on receipt of price, $1 per box for either. Mrs. Pinkham freely answers all letters of inquiry. Send for pamphlet. Address as above. *Mention this Paper.*

No family should be without LYDIA E. PINKHAM'S LIVER PILLS. They cure constipation, biliousness and torpidity of the liver. 25 cents per box.

☞ Sold by all Druggists. ☜

Invest your Earnings

In the stock of the Denver Land and Improvement Company. Profits more than two per cent. per month. Absolutely safe. No personal liability. Deal only in Denver Real Estate. Dividends paid regularly. Organized by prominent business men of Denver. Refer to any of our Banks, or business men of Denver. Any number of shares at Ten Dollars each, sent by mail on receipt of money. Circulars sent free. Address

ARCHIE C. FISK, President.
A. H. ESTES, Treasurer; M. H. SMITH, Secretary.

ALLEN'S Brain Food cures Nervous Debility and Weakness of Generative Organs, $1—all druggists. Send for circular to Allen's Pharmacy, 312 First Avenue, N. Y.

YOUNG MEN If you would learn Telegraphy in four months, and be certain of a situation, address VALENTINE BROS., Janesville, Wisconsin.

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New, Accurate, Comprehensive. A Complete Farm Library in itself. A sure guide to successful farming.

TELLS HOW TO
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Grow fruit, Manage business,
And Secure Happiness.

Saves many times its cost every Season. 860 pages. 140 Illustrations. Send for Circulars and terms to
J. C. McCURDY & CO., Philadelphia, Pa.

An automatic buoy, having a ten-inch whistle and a glass globe on the top for an electric light, has been moored in thirteen fathoms of water near Sandy Hook lightship. The inventor of this buoy claims that it will show an intermittent electric light, the generation being operated by the action of the waves. By the motion of the buoy, due to its rise and fall on the waves, air is compressed in the buoy, which acts intermittently to drive an electric engine and to sound a whistle. When the air reaches a certain degree of compression the engine rotates and the carbon in the globe brilliantly glows; at the same moment the whistle sounds.

"Don't Know Half Their Value."

"They cured me of Ague, Biliousness and Kidney Complaint, as recommended. I had a half bottle left which I used for my two little girls, who the doctors and neighbors said could not be cured. I would have lost both of them one night if I had not given them Hop Bitters. They did them so much good I continued their use until they were cured. That is why I say you do not know half the value of Hop Bitters, and do not recommend them high enough."—B., Rochester, N. Y.

Every one knows that the feeblest currents produce audible sounds in the telephone, which is more sensitive than any galvanometer to feeble currents. M. Pellat lately declared that the heat necessary to warm a kilogramme of water one degree would, if converted properly into the energy of electric currents, suffice to produce in a telephone an audible sound for 10,000 years continuously.

VEGETINE does not deceive invalids into false hopes by purging and creating a fictitious appetite, but assists nature in clearing and purifying the whole system, leading the patient gradually to perfect health.

A YANKEE coachman was driving some Englishmen about recently, and at last brought them to the monument on Bunker Hill. "Ah, yes," said the explorers, "I believe this is the place where we Englishmen gave you Yankees a sound thrashing, isn't it?" The driver scratched his head, and then quietly replied! "Mister, can you tell me who owns this parcel of ground at the present time?"

NO PREPARATION ever discovered except CARBOLINE, a deoderized extract of petroleum, will really produce new hair on bald heads. It will be a happy day when the great army of bald heads fully understand this.

TRAVELER.—"How do you brokers manage to undersell the railroad companies?" "Vell, you see, ve don't got so much expenses. Dose railroad fellers haf to keep up rollin' stock and pay ze hands. We don't. It's all clear profit with us!"

THOUSANDS of ladies have found sudden relief from all their woes by the use of Lydia E. Pinkham's Vegetable Compound.

THE champion leaper of five continents never exhibits any vain glory or emotion when the ringmaster announces to the rural audiences that he draws a larger salary than the Governor of the State.

ABOUT twice every month I take a dose of "Sellers' Liver Pills," and I always enjoy excellent health.

THE International Medical Congress would not admit the lady doctors. The ladies looked so killing, the male physicians were naturally jealous of them.

BOILS, pimples, and ail blood diseases are cured by "Dr. Lindsey's Blood Searcher." Sold by all druggists. Never fails.

NIAGARA FALLS is so brilliantly illuminated by the electric light every evening that after paying the hackman you can eesily see whether there is anything left in your pocketbook.

TO REMOVE PROUD FLESH.—Pulverize loaf sugar very fine and apply to the part afflicted. This is a new and easy remedy, and it is said to remove it without pain; or burnt alum pulverized and applied is an old reliable remedy.

"I'LL raise your wages," said the thief to the workingman when he lifted his last week's pay from his pocket and skipped out with it.

"I FIND that with light meals my health improves," said the Esquimau; and down went another candle.

A Wise Deacon.

"Deacon Wilder, I want you to tell me how you kept yourself and family well the past season, when all the rest of us have been sick so much, and have had the doctors visiting us so often."

"Bro. Taylor, the answer is very easy. I used Hop Bitters in time; kept my family well and saved the docter bills. Three dollars' worth of it kept us well and able to work all the time. I'll warrant it has cost you and the neighbors one to two hundred dollars apiece to keep sick the same time."

"Deacon, I'll use your medicine hereafter."

When, say MM. Sarrua and Vielle, an explosive is decomposed the heat liberated is equal to the exact excess of the heat of formation of products over the heat of formation of the explosive. If, then, the heat liberated by decomposition be known, and the composition of the products of the rerction be known as well, the heat of formation may be ascertained.

Wonderful Power.

When a medicine performs such cures as Kidney-Wort is constantly doing, it may truly be said to have wonderful power. A carpenter in Montgomery, Vt., had suffered for eight years from the worst of kidney diseases, and had been wholly incapacitated for work. He says, "One box made a new man of me, and I sincerely believe it will restore to health all that are similarly afflicted." It is now sold in both liquid and dry form.—*Danbury News.*

"Rough on Rats."

Ask Druggists for it. It clears out rats, mice, roaches, bed-bugs, flies, vermin, insects. 15c.

MESSRS. MORGAN & HEADLY, Mutual Life Building, Tenth and Chestnut streets, have on hand a superb stock of extra fine quality Diamonds, which they offer at as low prices as stones of the first quality, perfect alike in color and shape, can be sold for.

Dr. J. D. Cook

of Cooksville, Heard County, Ga., writes:

Messrs. P. Neustaedter & Co.

Gentlemen, I am happy to inform you that *Anakesis*, Dr. S. Silsbee's Pile remedy, met with my approbation. I have tried it in three different cases, and it has not failed to relieve them at once. The patient that had it for two years says he thinks he is well, and that he always expects to keep a box on hand for fear it might come back again; another case of short duration used only three applications and says she is entirely well. It is the best thing I have ever seen for Piles. I will use it in my practice when needed.

Yours obediently,

J. D. COOK, M. D.

"*Anakesis*," Dr. Silsbee's External Pile Remedy, is sold by druggists everywhere. Price $1 00 per box. Samples mailed *free* to all sufferers by P. Neustaedter & Co., sole manufacturers, Box 3946 New York

St. JACOBS OIL

TRADE MARK.

THE GREAT GERMAN REMEDY.

FOR

RHEUMATISM,

Neuralgia, Sciatica, Lumbago, Backache, Soreness of the Chest, Gout, Quinsy, Sore Throat, Swellings and Sprains, Burns and Scalds, General Bodily Pains,

Tooth, Ear and Headache, Frosted Feet and Ears, and all other Pains and Aches.

No Preparation on earth equals ST. JACOBS OIL as a ***safe, sure, simple*** and ***cheap*** External Remedy. A trial entails but the comparatively trifling outlay of **50 Cents**, and every one suffering with pain can have cheap and positive proof of its claims.

Directions in Eleven Languages.

SOLD BY ALL DRUGGISTS AND DEALERS IN MEDICINE.

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TRADE MARK

KIDNEY-WORT

THE ONLY MEDICINE

IN EITHER LIQUID OR DRY FORM

That Acts at the same time on

THE LIVER, THE BOWELS, AND THE KIDNEYS.

WHY ARE WE SICK?

Because we allow these great organs to become clogged or torpid, and poisonous humors are therefore forced into the blood that should be expelled naturally.

TRADE KIDNEY-WORT MARK

WILL SURELY CURE

KIDNEY DISEASES,

LIVER COMPLAINTS,

PILES, CONSTIPATION, URINARY DISEASES, FEMALE WEAKNESSES, AND NERVOUS DISORDERS,

by causing free action of these organs and restoring their power to throw off disease.

Why suffer Bilious pains and aches!
Why tormented with Piles, Constipation!
Why frightened over disordered Kidneys!
Why endure nervous or sick headaches!

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It is put up in **Dry Vegetable Form**, in tin cans one package of which makes six quarts of medicine. Also in **Liquid Form, very Concentrated,** for those that cannot readily prepare it.

☞ It acts with equal efficiency in either form.

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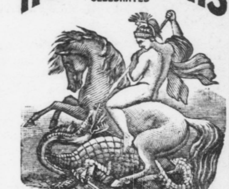

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BITTERS

Though Shaken in Every Joint and fiber with fever and ague, or bilious remittent, the system may yet be freed from the malignant virus with Hostetter's Stomach Bitters. Protect the system against it with this beneficent antispasmodic, which is furthermore a supreme remedy for liver complaint, constipation, dyspepsia, debility, rheumatism, kidney troubles and other ailments. For sale by all Druggists and Dealers generally.

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(A Medicine, not a Drink.)

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Will be paid for a case they will not cure or help, or for anything impure or injurious found in them.

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D I. C. is an absolute and irresistible cure for Drunkenness, use of opium, tobacco and narcotics.

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It contains the full history of his noble and eventful life and dastardly assassination. Millions of people are waiting for this book. The best chance of your life to make money. Beware of "catchpenny" imitations. This is the only authentic and fully illustrated life of our martyred President. Send for circulars and extra terms to Agents. Address

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HEALTH of BODY is WEALTH of MIND.

Radway's

SARSAPARILLIAN RESOLVENT.

Pure blood makes sound flesh, strong bone and a clear skin. If you would have your flesh firm, your bones sound without caries, and your complexion fair, use **Radway's Sarsaparillian Resolvent.**

A remedy composed of ingredients of extraordinary medical properties essential to purify, heal, repair and invigorate the broken-down and wasted body—QUICK, PLEASANT, SAFE and PERMANENT in its treatment and cure.

No matter by what name the complaint may be designated, whether it be Scrofula, Consumption, Syphilis, Ulcers, Sores, Tumors, Boils, Erysipelas, or Salt-Rheum, diseases of the Lungs, Kidneys, Bladder, Womb, Skin, Liver, Stomach or Bowels, either chronic or constitutional, the virus of the disease is in the BLOOD which supplies the waste, and builds and repairs these organs and wasted tissues of the system. If the blood is unhealthy, the process of repair must be unsound.

The Sarsaparillian Resolvent not only is a compensating remedy, but secures the harmonious action of each of the organs. It establishes throughout the entire system functional harmony, and supplies the blood-vessels with a pure and healthy current of new life. The skin, after a few days use of the Sarsaparillian, becomes clear and beautiful. Pimples, Blotches, Black Spots and Skin Eruptions are removed; Sores and Ulcers soon cured. Persons suffering from Scrofula, Eruptive Diseases of the Eyes, Mouth, Ears, Legs, Throat and Glands, that have accumulated and spread, either from uncured diseases or mercury, or from the use of Corrosive Sublimate, may rely upon a cure if the Sarsaparillian is continued a sufficient time to make its impression on the system.

One bottle contains more of the active principles of medicines than any other preparation. Taken in Teaspoonful Doses, while others require five or six times as much. **One Dollar Per Bottle.**

MINUTE REMEDY.

Only requires **minutes** not **hours** to relieve pain and cure acute disease.

RADWAY'S

Ready Relief,

in from one to twenty minutes, never fails to relieve PAIN with one thorough application; no matter how violent or excruciating the pain the Rheumatic, Bed-ridden, Infirm, Crippled, Nervous, Neuralgic or prostrated with disease man suffer, RADWAY'S READY RELIEF will afford instant ease.

Inflammation of the Kidneys, Inflammation of the Bladder, Inflammation of the Bowels, Congestion of the Lungs, Sore Throat, Difficult Breathing, Palpitation of the Heart, Hysterics, Croup, Diphtheria, Catarrh, Influenza, Headache, Toothache, Neuralgia, Rheumatism, Cold Chills, Ague Chills, Chilblains, and Frost Bites, Bruises, Summer Complaints, Nervousness, Sleeplessness, Coughs, Colds, Sprains, Pains in the Chest, Back or Limbs are instantly relieved.

Fever and Ague.

FEVER and AGUE cured for 50 cents. There is not a remedial agent in this world that will cure Fever and Ague, and other Malarious, Bilious, Scarlet, Typhoid, Yellow and other fevers (aided by Radway's Pills) so quickly as RADWAY'S READY RELIEF.

It will in a few moments, when taken according to directions, cure Cramps, Spasms, Sour Stomach, Heartburn, Sick Headache, Diarrhœa, Dysentery, Colic, Wind in the Bowels, and all Internal Pains.

Travelers should always carry a bottle of Radway's Ready Relief with them. A few drops in water will prevent sickness or pains from change of water. It is better than French brandy or bitters as a stimulant.

Miners and Lumbermen should always be provided with it.

CAUTION.

All remedial agents capable of destroying life by an overdose should be avoided. Morphine, opium, strychnine, arnica, hyosciamus, and other powerful remedies, does at certain times, in very small doses, relieve the patient during their action in the system. But perhaps the second dose, if repeated, may aggravate and increase the suffering, and another dose cause death. There is no necessity for using these uncertain agents when a positive remedy like Radway's Ready Relief will stop the most excruciating pain quicker, without entailing the least difficulty in either infant or adult.

THE TRUE RELIEF.

RADWAY'S READY RELIEF is the only remedial agent in vogue that will instantly stop pain.

Fifty Cents Per Bottle.

RADWAY'S

Regulating Pills.

Perfect Purgatives, Soothing Aperients, Act Without Pain, Always Reliable, and Natural in their Operation.

A VEGETABLE SUBSTITUTE FOR CALOMEL.

Perfectly tasteless, elegantly coated with sweet gum, purge, regulate, purify, cleanse and strengthen.

RADWAY'S PILLS, for the cure of all Disorders of the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous Diseases, Headache, Constipation, Costiveness, Indigestion, Dyspepsia, Biliousness, Fever, Inflamation of the Bowels, Piles, and all derangements of the Internal Viscera. Warranted to effect a perfect cure. Purely vegetable, containing no mercury, minerals or deleterious drugs.

☞ Observe the following symptoms resulting from Diseases of the Digestive Organs: Constipation, Inward Piles, Fullness of the Blood in the Head, Acidity of the Stomach, Nausea, Heartburn, Disgust of Food, Fullness or Weight in the Stomach, Sour Eructions, Sinking or Fluttering at the Heart, Choking or Suffering Sensations when in a lying posture, Dimness of Vision, Dots or Webs Before the Sight, Fever and Dull Pain in the Head, Deficiency of Perspiration, Yellowness of the Skin and Eyes, Pain in the Side, Chest, Limbs, and Sudden Flushes of Heat, Burning in the Flesh.

A few doses of RADWAY'S PILLS will free the system from all the above-named Disorders.

Price, 25 Cents Per Box.

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"False and True,"
"Radway on Irritable Urethra,"
"Radway on Scrofula,"

and others relating to different classes or Diseases.

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