

SCIENTIFIC AND INDUSTRIAL

A Russian inventor has devised means of impregnating wood with a certain chemical that matches made from it can be used several times over, thus effecting a saving of at least seventy-five per cent.

A ledge of white stone, which somewhat resembles marble, and is susceptible of a high polish, exists in Paradise valley, Nevada. When quarried, it is said to be much lighter and softer than ordinary rock, but hardens upon exposure.

Glucose is used principally for the manufacture of table syrup, as a substitute for barley malt in the brewing of beer and ale, as a substitute for cane sugar in confectionery and in canning fruit, to adulterate cane sugar, to manufacture artificial honey and in making vinegar.

An enterprising Frenchman has invented a revolver which, though so small as to be conveniently carried in the vest pocket, can be fired ten times without reloading, and with greater ease and certainty than those of the old pattern.

A new alimentary substance, the seeds of the Bolivian cotton tree, has attracted the attention of the Academie des Sciences. It is rich in nitrogenized substances, and contains twenty-three per cent of fibrine and six of casein.

A variety of prehistoric objects in honor, such as amulets, cups, knives, daggers, rings, buttons, bracelets, etc., have been found in a stratum, existing at a depth of about five feet in the mud of Lake Neuchâtel, Switzerland.

The great sand dunes along the banks of many rivers, and particularly along the shores at the southern end of Lake Michigan, are due to the presence of the Ammophila Arenaria, or sand-gathering grass, which possesses a remarkable power of drawing up moisture.

A curiosity in the way of watches was shown by Mr. E. Sordet, director of the watch-makers' school at Geneva, before the Horological Section of the Society of Arts.

This wonder is nothing less than a watch with one wheel, manufactured in Paris in the last century by a M. Gautrin.

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Where the Federal Dead are Buried. The remains of the Federal soldiers and sailors who fell in the late civil war have been buried in the following list of national cemeteries.

Table with 2 columns: Location and Number of Burials. Includes entries for Andersonville, Ga., Arlington, Va., Nashville, Tenn., etc.

SELECT SIFTINGS

The Japanese form of administering an ointment is to dip a finger in ink.

The crocodile is said to swallow stones sometimes, like birds, to aid the gastric mill.

The first wedding in America was that of Edward Wilson and Susannah White, of Plymouth, Mass.

A Presbyterian minister of Hawick, Scotland, has sent to Queen Victoria a small plow made from spears, swords, and dirks.

There was a tunnel under the river Euphrates when ancient Babylon was in all its glory, and the ancient Egyptians had a Suez canal.

The principle of the stereoscope was known to Euclid, described by Galen 1,500 years ago, and more fully in 1390 A. D. in the works of Baptista Porta.

An oyster has a stomach and a heart in America. It has sex, but none in Europe.

It ought to be generally known that a man's hat will serve in most cases as a temporary life preserver to those in danger of drowning.

Of the twenty "oldest Masons" in the world, so far as anybody knows, the three who take precedence live in Great Britain, and Sir Moses Montefiore, centenarian though he is, does not come among them.

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Tennis has been a royal game; so very royal that Edward III. (1325) decided that no one but kings and their associates should be allowed to play it at all.

Every little while the royal commands would be forgotten, or some convenient war would break out, and, after it was over, tennis would "bob up serenely" as a very popular amusement.

At last, the kings gave up the vain attempt to keep so capital a game to themselves, and graciously vouchsafed it to their loyal subjects, simply because they could no longer prevent their playing.

Of course, there still remained the difficulties arising from the great costliness of regular courts, but these could not interfere with out-of-door tennis. This was, however, a very unscientific sport, and was, of course, despised by the gentry who could afford to play the court game.

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FOUR ACTS PLAYED!

Send Report About Ex-President Arthur Will the Fifth and Final Act be a Tragedy. Rochester Democrat and Chronicle.

Dr. Lincoln, who was at the funeral of ex-Secretary Frelinghuysen, says ex-President Arthur looked very unwell. He is suffering from Bright's disease.

That telegram is act IV. of a drama written by ex-President Arthur's physicians. In act V. he made to appear in "Malaria," of which all the country was told when he went to Florida.

In act II. he represented a tired man, worn down, walking the sand at Old Point Comfort and looking eastward over the Atlantic toward Europe for a longer rest.

The curtain rolls up for act III. upon the distinguished actor affected with melancholy from Bright's disease, while act IV. discovers him with the disease "in an aggravated form, suffering intensely (which is unusual) and about to take a complete relapse."

Just such as this is the plot of many dramas by play-wrights of the medical profession. They write the first two or three acts with no conception of what their character will develop into in the final one.

They have not the patience for tracing in the early, what the latter impersonations will be. Not one physician in a hundred has the adequate microscopic and chemical appliances for discovering Bright's disease in its early stages.

Beyond any doubt, 80 per cent. of all deaths except from epidemics and accidents, result from diseased kidneys or livers. If the dying be distinguished and his friends too intelligent to be easily deceived, his physicians perhaps pronounce a coup-grace, to be pericarditis, pyemia, septicemia, bronchitis, pleuritis, valvular lesions of the heart, pneumonia, etc.

But all the same, named right or named wrong, this fearful scourge gathers them in! While it prevails among persons of sedentary habits—lawyers, clergymen, congressmen—it also plays great havoc among farmers, day laborers, and mechanics.

It sweeps thousands of women and children into untimely graves every year. The health gives way, the appetite fails, the vigor gets less and less. This isn't malaria—it is the beginning of kidney disease and will end—who does not know how?

No, nature has not been remiss. Independent research has led to an infallible remedy for this common disorder; but of course the bigoted physicians will not use Warner's safe cure, because it is a private affair and cuts up their practice by restoring the health of those who have been invalids for years.

The disease is becoming among prominent men! It is getting old, and as the Englishman would say, sounds "stupid"—especially "stupid" since this disease is readily detected by the stethoscope and the microscope of this disease. But the common run of physicians, not detecting it, give the patient Epsom salts or other drugs prescribed by the old code of treatment under which their grandfathers and great-grandfathers prescribed.

Angry, we heard that the national "comfortable" but ere long, maybe, they "tap" him and take some water from him and again the "comfortable" story is told. Torture him rather than allow him to use Warner's safe cure!

With such variations the doctors play upon the uncertainty of their diagnosis, made, when we learn that he died from heart disease, pyemia, septicemia or some other deceptive, though "dignified" cause.

Ex-President Arthur's case is not singular—it is typical of every case. "He is suffering intensely." This is not usual. Generally he will be almost no suffering. He may recover, if he will act independently of his physicians. The agency named has cured thousands of persons even in the extreme stage of the disease.

These facts are cause for alarm, but there is abundant hope in prompt and independent action.

Be Meteorology. Numerous observations have shown Emmerger, a German scientist, that bees, otherwise gentle and harmless, become exceedingly irritable and excitable on the approach of thunderstorms; and he thinks that their conduct may be taken as a reliable indication whether a storm is impending over a certain district or not.

A Chinese Conveyance. Mrs. Williamson, a missionary's wife, describing a tour that she made through Northern China, says of the conveyance—a kind of sedan chair carried by mules—in which she was transported from place to place: These shendzies are of the simplest construction, and are very light.

Secret, involuntary drains upon the system cured in thirty days.

Particulars, three letter stamps. Address, World's Dispensary Medical Association, Buffalo, N. Y.

Who sows discord may reap a rope for his neck. Composed of Smart-Weed, Jamaica Ginger, Camphor Water and best French Brandy.

When death was hourly expected from Consumption, all remedies having failed and Dr. H. James was experimenting, he accidentally made a preparation of Indian Hemp, which cured his only child, and now gives this recipe on receipt of stamps to pay expenses.

The purest, sweetest and best Cod Liver Oil in the world, manufactured from fresh, healthy livers, upon the seashore. It is absolutely pure and sweet.

A highly perfumed Soap will not heal or cure skin diseases, neither will it beautify and soften face and hands; try "Beeson's Aromatic Alum Sulphur Soap."

When you visit or call on New York City, see a large sign and \$1 carriage fare, and stop at the Grand Union Hotel, opposite Grand Central Depot.

That Tired Feeling. Afflicts nearly every one at this time of year, being caused by the depressing effects of the changing season and the debilitated condition of the body.

Hood's Sarsaparilla. Sold by all druggists, \$1; six for \$5. Made by C. L. HOOD & CO., Apothecaries, Lowell, Mass.

100 Doses One Dollar. Variety the Spice of Life. There is a variety in the letters received by Mrs. Lydia E. Pinkham, testifying to the cures effected by her Vegetable Compound.

IMMEDIATE RELIEF! Gordon's King of Pain relieves pain of whatever nature, the moment it is applied, and is a household remedy wherever known for Rheumatism, Neuralgia, Headache and Toothache.

QUICK. Quickest of any I ever tried. Any man or woman making less than one hundred dollars a month, or any money-making business, we guarantee it for one year.

FRAZER AXLE GREASE. Best in the World. Made only by the Fraxer Lubricator Co. at Chicago, N. Y. & St. Louis. Sold everywhere.

R. U. AWARE THAT Lorillard's Climax Plug bearing a red line on it; that Lorillard's Navy Clipping, and that Lorillard's Sewer, are the best and cheapest quality considered?

TO A FRIEND who is suffering from Boils and Carbuncles, no better advice can be given than to try Ayer's Sarsaparilla.

ORLANDO SNELL, 132 Ford St., Lowell, Mass., was terribly afflicted with Carbuncles on the back of his neck. Ayer's Sarsaparilla cured the Carbuncles, and has kept him free from them.

F. P. COGESHALL, Bookseller, Lowell, says: I have been taking Ayer's Sarsaparilla for an impurity of the blood, which manifests itself in troublesome Boils and Eruptions, and can truly say that I have never found any medicine so prompt and certain in curative effect.

LEANDER J. McDONALD, Sole Agent, Charlestown, Mass., testifies: One year ago I suffered greatly from Boils and Carbuncles, and for nearly two months was unable to work. A druggist advised me to take Ayer's Sarsaparilla, which I purchased. After taking two bottles of this medicine I was entirely cured, and have remained well ever since.

Ayer's Sarsaparilla, Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists. Price \$1; six bottles, \$5.

R. R. R. RADWAY'S READY RELIEF

THE CHEAPEST AND BEST MEDICINE FOR FAMILY USE IN THE WORLD. In ten to twenty minutes, never fails to relieve PAIN with one thorough application.

RHEUMATISM, NEURALGIA, SCIATICA, HEADACHE, TOOTHACHE, INFLAMMATIONS, CONGESTION, SPRAINS, BRUISES, SORE THROAT.

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

Malaria in its Various Forms. There is not a remedial agent in the world that will cure Fever and Ague and all other Malarial Diseases, Biliousness, Cholera, Colic, and all other ailments so quickly as Radway's Ready Relief.

DR. RADWAY'S SARSAPARILLIAN RESOLVENT, The Great Blood Purifier. FOR THE CURE OF SKIN DISEASES, Eruptions of the Face and Body, Pimples, Boils, Itch, Scald Head, Ringworm, and all other eruptions of the Skin.

Chronic Liver Complaints, etc. Not only does the Sarsaparillian Resolvent excel all remedial agents in the cure of Chronic Nephritis, Gonorrhea and Skin Diseases, but it is the only positive cure for

Kidney and Bladder Complaints, Urinary and Womb Diseases, Gravel, Diabetes, Protrusion of Water, Incontinence of Urine, Bright's Disease, Albuminuria, and all cases where there are brick-dust deposits, or the water is thick, cloudy, or mixed with substance like the white of an egg, or there is a morbid, dark, bilious appearance and white bone-dust deposits, and where there is a grating, burning sensation when passing water, and pain in the small of the back and along the loins.

Dr. Radway's Regulating Pills. For the cure of all disorders of the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous Diseases, Female Complaints, Loss of Appetite, Headache, Constipation, Costiveness, Indigestion, Dyspepsia, Biliary Fever, Inflammation of the Bowels, Etc., and all derangements of the Internal Viscera.

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A WEALTHY FARMER'S RELIABLE TESTIMONY.

Take special note of the following history of a very interesting case. Near the thriving village of Dundee, a few miles west of that town, on the lake coast of New York, lives Mr. Daniel Sipple, a gentleman about 70 years.

Mr. Sipple owns a very large and highly cultivated farm, which has for many years had the enviable reputation of being the best farm in all that section. Every crop he plants seems to thrive, and his advice is much sought for by younger and less experienced farmers.

Mr. Sipple writes, "I suffered from a very severe attack of Diabetes. It reduced me to such a state that I was only skin and bones, and my skin was shriveled and wrinkled badly, my Urine contained such a large percentage of sugar that when it was spilled the sugar would crystallize so as to make a coating plainly visible. My life was despaired of by my family and physicians. Commencing with Dr. H. R. Hunt's (Kidney and Liver) Remedy at the stage of my sickness, and I improved steadily and was cured, and am now able to again personally superintend the management of my extensive farming operations.

Dr. H. R. Hunt's (Kidney and Liver) Remedy is a grand medicine for Diabetes and all Kidney Troubles. A gentleman having written me, desiring to know further of the matter for himself, wrote to Mr. C. F. McLean, a large Dry Goods Merchant and Grocer, and he has since purchased a large quantity of the same, asking for information in the matter. He received the following reply:

Dear Sir: Yours of 30th inst. at hand this morning. I would say that I think the use of Dr. H. R. Hunt's (Kidney and Liver) Remedy in your case is a very wise and timely one. It is a very safe and reliable medicine, and I have no doubt that it will give you the relief you desire. I am, Sir, very truly, Yours, C. F. McLean.

WEST SHORE R. R. CONDUCTOR. HUNT'S REMEDY CO. NEW YORK, January 23, 1885. Dr. H. R. Hunt's (Kidney and Liver) Remedy is a grand medicine for Diabetes and all Kidney Troubles.

THE ONLY TEMPERANCE BITTERS KNOWN. Made from California roots and herbs, free from Alcohol, Stimulants, Narcotics, and all other injurious ingredients.

WINE CARBITTERS. This Bitters cures all ailments connected with the Liver, Stomach, and Bowels, and is a most valuable and reliable medicine.

LEPAGE'S LIQUID GLUE. UNEQUALLED FOR CEMENTING. Awarded GOLD MEDAL LONDON, 1883. Used by Masons, Plasterers, Carpenters, and all other trades.

\$50 REWARD. Will be paid for any Grain Fan of same size that can be shown to have been made in this country, and to have been used in any of our Mills.

BEST TRUSS EVER USED. Improved Elastic Truss. New York Elastic Truss Company, 744 B'way, New York.

CRAZY PATCHWORK. We have a large stock of patchwork, and will make to order any quantity of patchwork, and will guarantee the quality of our work.

Profitable Employment. And light home work for ladies, and anywhere. Mail Simple and strictly home-made. No canvassing. Address WILSON & DAVIS, Fall River, Mass.

AGENTS WANTED. We want a reliable Agent or Gent in each town and township to sell our goods; also general agents. Particulars free. Address JEFFERSON MFG CO., Toledo, O.

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MORPHINE Chloral and Opium Habits. EASILY CURED. BOOK FREE. DR. J. C. HOFFMAN, Jefferson, Wisconsin.

PENNYROYAL "CHICHESTER'S ENGLISH" The Original and Only Genuine. Sold and shipped by the World's Dispensary, 112 Washington St., Boston, Mass.