

SCIENTIFIC SCRAPS.

Two French dentists extract teeth without pain by spraying the external ear with ether.

An instrument has been invented in Prussia by means of which an exact differential diagnosis of diseases of the lungs will be possible. The inventor is Dr. Janiczewski.

An electric vegetable is said to have been discovered in India, which has the power of affecting the magnetic needle at a distance of twenty feet when the weather is clear and dry.

With the view of testing the rapidity of electric welding, twenty pieces of one-inch common round iron bars with rough ends were recently welded together by two men in thirteen minutes.

It is claimed that wall paper can be made in such a way that the passage of low-tensions electric currents will heat it moderately warm to the touch and diffuse throughout the room an agreeable temperature.

A further step toward the artificial production of the diamond has been made by passing an electric current through carbon electrodes in a cell containing fine white sand and electrodes, the whole being under considerable pressure.

The application of hydraulic power to the manufacture of steel seamless boats is one of the latest things in England. These boats are thought to be in every particular superior to those made of wood, and can be made at about the same cost.

It is now proposed that London shall dig the deepest hole. The pit would have an elevator and be lighted by electricity, and in each stratum would be excavated a museum for exhibiting specimens of the minerals, fossils, etc., afforded by it.

The conclusions reached by modern meteorologists are that cyclones of great intensity are ascending spiral whirls of wind having a rotary motion in a direction in the Northern hemisphere opposite to the movement of the hands of a watch.

The yield of the trout spawn in the fish-breeding establishments at Orval, Belgium, is stated to have been exceedingly good this year. Of the yield 25,000 eggs were sent to this country in exchange for a like number of California trout eggs.

Inquiry made in France in order to carry out the new law giving certain advantages to fathers of more than seven children has elicited, among other things, the fact that there are 2,000,000 households in which there has been no child.

Experiments recently made in France with a view to discovering the vitality of trichine show that even when exposed to a temperature of 20 degrees to 25 degrees below zero for about two hours the little animals become as lively as ever on a return to normal temperature.

Professor Pao of Bridgeport, Conn., has drowned and resuscitated a pet rabbit eleven times, and suffocated it also with the fumes of burning charcoal and restored it to life. The professor uses a pair of artificial lungs. Artificial respirations produce muscular contraction and expansion, forcing oxygen into the lungs and drawing out the deadly gases.

Modern chemistry shows that the medical lore of the ancient herbalists had a much sounder basis than had been imagined. In 1597 water cresses were recommended for the cure of scurvy and scrofula. Chemists now say that the cress contains sulphur, phosphorus, iodine and iron—substances that are known to be actual antidotes to scrofula.

The World's Sheep and Wool.
It is roughly estimated that the world contains at least half a billion sheep—possibly over 600,000,000—producing about two billion pounds of wool. The world's crop of wool can only be guessed, but it is certain that the humble sheep contributes at least \$300,000,000 annually, in wool, to the wealth of mankind. Our own wool crop, greatest in 1884, when it was estimated at \$08,000,000 pounds, was in 1885 265,000,000 pounds. Nearly half the wool we wear is of foreign growth, the figures of 1887 being a crop of 269,000,000 pounds, an import of 114,000,000 pound, and a contents of 133,000,000 pounds wool in imported goods.—*Harper's Monthly.*

The Lady Next Door.

Mrs. W. envied the lady next door because she always seemed so well and happy. "She enjoys life and I don't," said the discontented woman. "How I would like to change places with her!" At last she made the acquaintance of the object of her envy, and this is what the lady told her: "Happy? Of course I am, for I enjoy perfect health. My dear Mrs. W., your face tells me why you are not happy. You are suffering from functional derangements. I was a martyr to female weaknesses for years, but Dr. Pierce's Favorite Prescription cured me, as it will you if you will try it. It is guaranteed to give satisfaction in every case or price (\$5) returned."

Dr. Pierce's Pellets, one a dose. Cure headache, constipation and indigestion.

Statistics of rabies in dogs show a proportion of three to one of males affected over sluts. Some veterinarians hold the opinion that the disease occurs spontaneously only in the male, but this is not absolutely proved.

Bristol, Tenn.

THE FAMOUS "TWIN CITY" OF THE NEW SOUTH.
The Bristol Land Co. will on May 15, 16 and 17, 1890, offer for sale, at auction, 1,000 business and residence lots from its additions to the city of Bristol. This sale promises to be one of the most successful that has ever taken place in the South, and early purchasers of lots will reap abundant and quick profit for their investment. The management of the company is in the hands of some of the ablest business men in America who are looking up the enterprise with their millions. Among them such men as President Norton, of the Louisville and Nashville R. R.; Wm. P. Clyde, John H. Inman, Geo. S. Scott, James and Abbott, Nathaniel Thayer, Cordley & Co., Lee & Higginson, Jackson & Curtis and a score of other millionaires, bankers of Boston.

Ample hotel accommodations.
The plain skirts give the girl of the period quite a "prim, precise" appearance, which she does not always deserve. It is not a fashion that is likely to last a very long time.

Mercury and Calomel.
Injudicious use of mercury in the form of calomel or otherwise, very injurious after-effects. Much of the distress that afflicts humanity is due to a too persistent use of the poison. The various functions of the body become impaired by its use and even the bones sometimes become affected, causing aches and a general feeling of debility and distress. Anyone who has used calomel or mercury in any of its forms, will do well to follow it up with a use of Dr. Bull's Sarsaparilla. This excellent alterative counteracts the evil effects of mercury and other mineral poisons. It is composed of strictly vegetable ingredients, and there is nothing in its composition that will harm the most delicate. Good health invariably follows its use.—*Springfield Health Journal.*

Harris cloth, made on the islands off the coast of Scotland, was first introduced to Londoners from motives of benevolence by persons interested in its poverty-stricken representatives, but it is now the leading cloth of the season for tailor-made dresses.

One Reason

Why nearly everybody should take a good medicine in the spring is because at this season the system is especially susceptible to the benefit to be derived from a reliable preparation like Hood's Sarsaparilla. In the winter various impurities accumulate in the blood, the effect of which is most felt when spring comes on, in general weakness and languor. The system craves assistance to maintain the health tone and expel impurities, which Hood's Sarsaparilla readily gives. Try it.

"For five years I was sick every spring, but last year began in February to take Hood's Sarsaparilla. I used five bottles and have not seen a sick day since."—G. W. SLOAN, Milton, Mass.

Hood's Sarsaparilla

Sold by all druggists. \$1; six for \$5. Prepared only by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

100 Doses One Dollar



To cure Biliousness, Sick Headache, Constipation, Malaria, Liver Complaints, take the safe and certain remedy, SMITH'S

BILE BEANS

Use the SMALL SIZE (40 little beans to the bottle). They are the most convenient, suit all ages. Price of either size, 25 cents per bottle.

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J. F. SMITH & CO., Makers of "Bile Beans," St. Louis, Mo.



For Fifty Years

the Standard Blood-purifier and Tonic,
Ayer's Sarsaparilla has no equal as a Spring Medicine.
Prepared by **Dr. J. C. Ayer & Co., Lowell, Mass.**

The first lady at the German Court is Countess Waldensee who was a Miss Lea of New York. She lives like a Queen in a palace adjoining that of Von Moltke.

To Dispel Colds.
Headaches and Fevers, to cleanse the system effectually, yet gently, when costive or bilious, or when the blood is impure or sluggish, to permanently cure habitual constipation, to awaken the kidneys and liver to a healthy activity, without irritating or weakening them, use **Syrup of Figs.**

Charming little bonnets for young ladies are seen this season, the biggest bonnet, of course, for the biggest head.

Mrs. Grover Cleveland has discontinued her monthly receptions at her Madison avenue house in New York city.

I have been affected with a mercurial headache and a heavy pain in my liver. I made use of different sarsaparillas without success until I gave Bull's Sarsaparilla a trial, three bottles of which gave me relief. I take pleasure in recommending it as being superior to other sarsaparillas.—T. H. Owen, Louisville, Ky.

General Sheridan's three little daughters are pupils of the Convent of Visitation in Washington. The girls are day scholars, living in retirement with their mother.

Hall's Catarrh Cure is a liquid and is taken internally, and acts directly upon the blood and mucous surfaces of the system. Send for testimonials, free. Sold by Druggists, etc. F. J. CHESLEY & CO., Proprietors, Toledo, O.

For traveling costumes or school frocks there is a very excellent fabric of linen and wool. All patterns are light grounds, stripes, plaids and checks in black, gray and pale colors.

Dr. Bull's Worm Destroyers are not new and undr. For thirty years they have stood the test of usage, and their large sale is due to merit only.

The Mother's Friend, used a few weeks before confinement, lessens the pain and makes labor quick and comparatively easy. Sold by All Druggists.

FITS stopped free by DR. KLINE'S GREAT NERVE RESTORER. No fits after first day's use. Marvellous cures. Treatise and \$2 trial bottle free. Dr. Kline, 231 Arch St., Phila., Pa.

If afflicted with sore eyes, use Dr. Isaac Thompson's Eye Water. Druggists sell a 50c per bottle.

We recommend "Tansill's Punch" Cigar.

BRISTOL, VA. & TENN.

—THE—

Bristol Land Co.

—WILL, ON—

May 15, 16 and 17, 1890, AT BRISTOL, Offer for sale, at auction,

1,000

Business and Residence Lots,

from its additions to the city of Bristol, Va.

Bristol is situated on the State Line, between Va. and Tenn., at the junction of the Norfolk & Western, and East Tenn. Va. & Ga. Railroad; is the eastern terminus of the South Atlantic & Ohio R.R., extending from Bristol to the coal fields and connecting with E. & N. W. R. R., at Big Stone Gap, and is the western terminus of the Bristol, Pitts. & No. Car. R. R., now building into the coal fields of the Mountain and the Great Valley. It is a rapidly growing city, and is one of the largest manufacturing centers of the South. It has within 5 hours of its city limits, the finest and most extensive coal fields in the U. S., and immense bodies of virgin timber, all of which reach Bristol via the N. & W. and Elizabethton roads.

Advantages of transportation and nearness to markets, its elevation, (more than 1,000 feet), delightful climate, and its **SOLID BASIS IN MINERAL WEALTH** and timber, present inducements for investments rarely met with. During the past year over \$1,000,000 have been invested.

The Bristol Iron & Steel Co., owned by Pennsylvania Iron Works, has commenced the construction on the Company's lands, of the largest furnace plant in the South.

Wait for this sale. Go to it, and take advantage of an opportunity to invest where returns must be large and quick. Ample hotel accommodations.

DON'T MISS THIS

GRAND LAND SALE.

FOR PARTICULARS APPLY TO
F. W. HUIDEKOPER, President,
T. H. WENTWORTH Jr., Sec'y and Treas. 619 14th St., Wash., D. C.

—OR TO—

H. W. BATES, Vice-President, Bristol, Tenn.

A few of the many who have invested and are interested in the development of Bristol are:
Wm. P. Clyde, Ex. Norton, E. D. Carley, John R. Hodge, F. W. Finkbeiner, R. S. Clark, Geo. S. Scott, C. F. Finkbeiner, Gen. E. M. Logan, W. G. Oakman and others; J. W. Gantlett, St. John Boyle and others of Kentucky, A. M. Stokes, R. B. Ransom, Jr., Nashville, Tenn., Col. Geo. C. Haskell, Co. J. H. Smith, S. C. Jones, W. R. Meredith, Jas. L. Williams & Son, H. W. Bates, L. E. Farnum, Albion & Addison, D. A. Greer, V. A. Smith and many H. L. Cabell, others of Boston, Mass., W. H. Flournoy, O. W. Norcross, Worcester, Mass., Wm. McGeorge, Jr., Chas. H. Scott, Justice Chas. Jr., Abernethy & Patterson, Wm. D. Jones, Sam'l Dickson, Geo. Burnham, Wm. H. Trotter, Wm. H. Bennett, Edward Eastburn, David Jenkins, Va. Investment Co. and others of Phila., Pa., J. B. Brown, Jr., St. Louis, Mo., J. E. Rison, Danville, Va., Geo. E. A. Ayers, H. W. Bates, Jos. L. Keller, and many others of Va.



"BOAT, AHoy!"

the rapids are below you!" cried a man to a pleasure party whom he described gliding swiftly down the stream toward the foaming cataract. And we would cry, "Boat, Ahoy!" to the one whose life is being drawn into the whirlpool of consumption, for unless you use effective measures you will be wrecked in Death's foaming rapids.

If your lungs are weak, breath short, have spitting of blood, experience occasional cold chills creeping up your spinal column, with hacking cough, variable or poor appetite, feeble digestion, with gradual loss of flesh, cold feet, lassitude or general debility, are easily fatigued, don't disregard these preliminary symptoms. Thousands annually, without experiencing half the above symptoms, are plunged into the relentless grasp of that most fatal scourge—Consumption.

You can't afford to fool away any precious time, if suffering from any considerable number of these unmistakable symptoms of approaching danger! Its madness to tifle and experiment with uncertain means when thus afflicted. Don't forget at such a critical period that the only medicine possessed of such positive curative properties as to warrant its proprietors in guaranteeing it to cure Consumption of the Lungs, if taken in time and given a fair trial, is the world-

famed Dr. Pierce's Golden Medical Discovery.

Trying conditions these, under which to offer the afflicted relief and cure. No ordinary remedy could sustain itself under such a guarantee. It would bankrupt its proprietors! Not so with "Golden Medical Discovery." Its best advertisement is the thousands of consumptives, in all parts of the world, which it has restored to health, strength and happiness. To-day no other medicine has so great a sale. Why? Because it does just what it is guaranteed to accomplish, otherwise its sale on so peculiar a plan as this would ruin its manufacturers.

"Golden Medical Discovery" cures Consumption in all its earlier stages, on common sense principles. Being, according to all recognized medical authority, a scrofulous affection of the lungs, it is reasonable to seek a remedy in those agents known to prove most efficacious in conquering scrofulous disease affecting other parts and organs. Now for Scrofula in all its myriad forms, nothing has ever yet been discovered to compare with the wonderful remedy already mentioned. And especially is this true of Lung-scrofula, or Consumption. It soothes the cough, improves digestion, sharpens the appetite, invigorates the liver, purifies the blood, cleanses the system of all scrofulous humors, and builds up the flesh and strength. WORLD'S DISPENSARY MEDICAL ASSOCIATION, 663 Main Street, Buffalo, N. Y.

\$500 OFFERED for an incurable case of Catarrh in the Head by the proprietors of DR. SAGE'S CATARRH REMEDY.

SYMPTOMS OF CATARRH.—Headache, obstruction of nose, discharge falling into throat, sometimes profuse, watery, and acid, at others, thick, tenacious, mucous, purulent, bloody, putrid and offensive; eyes weak, ringing ears, dizziness; offensive breath; smell and taste impaired, and general debility. Only a few of these symptoms likely to be present at once. Dr. Sage's Remedy cures the worst cases. Only 50 cents. Sold by druggists everywhere.

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\$3 SHOE for GENTLEMEN
\$2 SHOE for LADIES
And Other Advertised Specialties Are the Best in the World.

None genuine unless name and price are stamped on bottom. SOLD EVERYWHERE. If your dealer will not supply you, send postal for instructions how to buy direct from factory without extra charge.

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