

CURIOUS AND SCIENTIFIC.

New Fuel.—The English papers note the claim of the Dutch chemist who professes to have discovered what he calls "the successor of steam," which he gives the scientific name of carbolum.

Bismuth.—M. Carnot reports the discovery of a bed of bismuth in the mountainous region which separates the departments of Bresse and Dordogne.

THE FLORA OF FLORIDA.—The flora of northern Florida includes 1,511 species of phenogamous or flowering plant, 875 of which occur in the northern states.

PHOTO-ENGRAVING.—Material progress is made in the application of photography to various branches of engraving. The arts of photo-lithography and photo-plate printing have lately been supplemented by certain processes, which are called by those who employ them "photo-graving."

STRENGTH OF METALS, WOODS, ETC.—It is a remarkable provision of nature that iron, which is the most abundant material yielded by the earth, is also the strongest of all known substances.

GRASSHOPPERS AS FOOD.—In view of the famine which Minnesotians are suffering in consequence of the ravages of the grasshopper, the editor of the Naturalist gravely advises the people to turn to and devour the pests that are devouring them.

from this course of dietetics would be the depletion of the hordes of voracious jumping jacks that are now carrying all before them, save the starvation which they leave in their track.

MEDICAL MANIACS.—There are numbers of medical men so wedded to the old formulas, that all changes seem to them like innovations. These medical maniacs are, fortunately, incapable of much mischief in this practical age.

Fever and Ague, Chill Fever, Etc.—A few months after having commenced the manufacture of Dr. Pierce's Golden Medical Discovery, the proprietor began to receive numerous letters from all parts of the western and southern states bestowing the most unbounded praise upon it for having promptly cured the writers or their friends of fever and ague, or other forms of miasmatic, or malarious diseases.

NEWMAN, Jefferson county, Kansas, January 6, 1878. Dr. PIERCE.—Having used a few bottles of your Golden Medical Discovery, and believing it to be the very best medicine for chills and fever, I wish to buy it by the dozen please give me your price for it.

Ladies Desire what Men Admire. And this little thing is beauty. What do we say is beautiful? A transparent complexion and a luxuriant head of hair.

Reward.—I will give \$100 for any case of flesh, bone or muscle ailment like rheumatism, bruise, sprain, strain or lameness, upon either man or animal, which the Mexican Mustang Liniment will not cure when used according to directions.

Founded on a Rock.—The disappointed adventurers who have from time to time attempted to run their worthless potions against Plantation Bitters, vow that they cannot understand what foundation there is for its amazing popularity.

THE MARKETS.

MEMPHIS. Flour, dull and prices drooping at \$4.00@7.05. Corn, in full demand and lower rates, 90@92c. Oats, dull and drooping at 58 1/2c.

The Texas Real Estate Distribution.

\$146,000 in gold, houses and lands in different portions of the state, at Houston, Texas, October 22, Col. J. B. Foster, Manager, is booked in his hands by the Texas Real Estate Co.

We have very favorable encomiums regarding the Elmwood and Warwick collars manufactured by the Narragansett Collar Company.

Go to Riverside Water Cure, Hamilton, Ill. Mousing Making Employment. Best ever offered. Address M. S. LOVELL, Erie, Pa.

AGENTS WANTED.—Men and women, \$25 a month, no salary, no commission, no expense. Write at once to J. W. COLEMAN & CO., 8th Street, New York.

WANTED.—Young men to learn telegraph and shorthand. Address J. A. C. TELEGRAPH CO., Box 35, Memphis, Tenn.

AGENTS WANTED FOR THE CENTENNIAL OF THE GAZETTEER.—Showing the grand results of our 40th Anniversary. Everybody buys it. \$100 to \$200 a month to agents.

MARRIAGE GUIDE.—An interesting work of 100 pages, containing valuable information for those who desire to enter into matrimony.

THE EMPIRE CITY PAPER COMPANY, of New York, presenting the largest mills in the United States, was a local agent in every town or county to receive orders direct from consumers.

OPTIC'S NEW BOOKS. THE COMING WAVE; or, The Hidden Treasure of High Rocks. 16 mo. Illus. \$1.50.

Sinker, Davis & Co., INDIANAPOLIS, IND. Manufacturers of strictly first-class PORTABLE ENGINES.

Tabular and Flue Boilers, LARD TANKS, WATER TANKS, CIRCULAR Saw Mills, LEVER HEAD BLOCKS, FLOUR MILL MACHINERY, STAVE MACHINERY, SHINGLE MACHINERY, PLANING MILL MACHINERY, HANGERS, PULLEYS, and HAFTING, BELLS PATENT GOVERNORS, Etc.

LEBANON Business College and Telegraph Institute, LEBANON, TENN. (B. & S.) Business College, and Telegraph Institute, NASHVILLE, TENN.

LEBANON Business College and Telegraph Institute, LEBANON, TENN. (B. & S.) Business College, and Telegraph Institute, NASHVILLE, TENN.

LEBANON Business College and Telegraph Institute, LEBANON, TENN. (B. & S.) Business College, and Telegraph Institute, NASHVILLE, TENN.



Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California.

The properties of DR. WALKER'S VINEGAR BITTERS are Aperient, Diaphoretic, Carminative, Nutritious, Laxative, Diuretic, Sedative, Counter-Irritant, Sudorific, Alterative, and Anti-Bilious.

Bilious, Remittent and Intermittent Fevers, which are so prevalent in the valleys of our great rivers throughout the United States, especially those of the Mississippi, Ohio, Missouri, Illinois, Tennessee, Cumberland, Arkansas, Red, Colorado, Brazos, Rio Grande, Pearl, Alabama, Mobile, Savannah, Roanoke, James, and many others.

Fortify the body against disease by purifying all its fluids with VINEGAR BITTERS. No epidemic can take hold of a system thus fore-armed.

Dyspepsia or Indigestion, Headache, Pain in the Shoulders, Coughs, Tightness of the Chest, Dizziness, Sour Eructations of the Stomach, Bad Taste in the Mouth, Bilious Attacks, Palpitation of the Heart, Inflammation of the Lungs, Pain in the region of the Kidneys, and a hundred other painful symptoms.

Rheumatism, Gout, Bilious, Remittent and Intermittent Fevers, Diseases of the Blood, Liver, Kidneys and Bladder, these Bitters have no equal. Such Diseases are caused by Vitiating Blood.

Mechanical Diseases.—Persons engaged in Paints and Minerals, such as Plumbers, Type-setters, Gold-beaters, and Miners, as they advance in life, are subject to paralysis of the Bowels. To guard against this, take a dose of WALKER'S VINEGAR BITTERS occasionally.

For Skin Diseases, Eruptions, Tetter, Salt-Rheum, Blotches, Spots, Pimples, Pustules, Boils, Carbuncles, Ring-worms, Scald-head, Sore Eyes, Erysipelas, Itch, Scurs, Discolorations of the Skin, Humors and Diseases of the Skin of whatever name or nature, are literally dug up and carried out of the system in a short time by the use of these Bitters.

Pin, Tape, and other Worms, lurking in the system of so many thousands, are effectually destroyed and removed. No system of medicine, no vermifuges, no anthelmintics will free the system from worms like these Bitters.

For Female Complaints, in young or old, married or single, at the dawn of womanhood, or the turn of life, these Tonic Bitters display so decided an influence that improvement is soon perceptible.

GRAND EXPOSITION OF WATCHES, DIAMONDS, JEWELRY, SILVER and PLATED WARE, AT F. L. DAVIES & BRO.'S, Cor. Church and Summer Sts., NASHVILLE, TENNESSEE.

KENTUCKY STATE SINGLE NUMBER LOTTERY! FOR THE BENEFIT OF THE UNIVERSITY OF PADUCAH. Capital Prize, - - \$50,000

To be drawn at COVINGTON, Ky., on The last Saturday of each month in the Year. SCHEME.

1 Prize of \$50,000 is.....\$50,000 1 Prize of 20,000 is.....20,000 1 Prize of 10,000 is.....10,000 5 Prizes of 5,000 are.....25,000 10 Prizes of 2,500 are.....25,000 50 Prizes of 500 are.....25,000 100 Prizes of 250 are.....25,000

PLAN OF THE LOTTERY.—The numbers from 1 to 50,000, corresponding with those numbers on the circular printed on separate slips of paper are circled with small red lines and placed in one wheel. The first 288 prizes, similarly printed and placed in another wheel, and at the same time from the wheel of numbers, and at the same time a prize drawn out of the other wheel. The number and prize drawn out of the wheel is registered by the commission and the prize is paid against the number drawn.

Prizes Payable in Full Without Deduction. Address orders for tickets to GEO. WEBSTER, No. 72, Third street, Louisville, Ky.

THE REMINGTON WORKS THE NEW IMPROVED REMINGTON Sewing Machine. AWARDED The "Medal for Progress," AT VIENNA, 1873.

The Highest Order of "MEDAL" AWARDED AT THE EXHIBITION. No Sewing Machine Received a Higher Medal A FEW GOOD REASONS:

1.—A New Invention Thoroughly Tested and secured by Letters Patent. 2.—Makes a perfect LOCK STITCH, alike on both sides, on all kinds of goods.

MAGIC LANTERNS. N'Alister's Patent Artopicon. The most powerful Magic Lantern ever made, with a brilliant Oil Lamp; for home, Sunday school and lectures.

DON'T BUY UNTIL YOU HAVE Carefully Examined OUR NEW TRADE MARK



As we have 12 GOOD REASONS why they will do your work QUICK AND EASY, CHEAP AND CLEAN.

BECAUSE They are Cheap to buy. They are best to use. They bake evenly and quickly. Their operation is perfect. They always have a good draft. They are made of the best material. They roast perfectly. They require but little fuel. They are very low priced. They are easily managed. They are suited to all localities.

LADIES, SAVE YOUR DRESSES! "Smith's Instant Dress Elevator." It loops the dress in the least space of time. It changes the "train" into a "straight" and holds it up as quickly as a change of dress from one dress to another in five minutes.

CAUTION. Beware of IMITATIONS, as they each are stamped "Smith's Instant Dress Elevator." Price 45 cents each. MAIL ORDER. Wholesale, \$2.00 per gross. Best and most successful in one dress. This "Elevator" is the only one that will let the dress down after being elevated.

BECK WITH POPULAR. Portable Family Sewing Machine, THE MOST POPULAR. \$20. Beck with Sewing Machine Co., 662 BROADWAY, NEW YORK.

DR. WHITTIER, No. 617 St. Charles Street, St. Louis, Mo., continues to treat all cases of obstinate rheumatism, neuralgia, sciatica, etc.

MARRIAGE GUIDE. 100 pages, pocket book, which should be read by every man and woman before marriage.

DR. TUTT'S HAIR DYE. Possesses qualities that no other dye does. Its effect is instantaneous and it is so natural that it cannot be detected. It is harmless and easily applied, and is in general use among the fashionable hairdressers in every large city.

BUY J. & P. COATS' BLACK THREAD FOR YOUR MACHINE.