SCIENTIFIC MISCELLANY.

Items Which Will Prove of Interest to Our Readers.

An inch of rain-fall is equal to 14,500,000 gallons per square mile.

A garnet crystal weighing nine and a half pounds was recently found eight feet below the surface of a New York street.

An association at Bethlehem to engage in the manufacture of silk has raised $50,000 to engage in that important enterprise.

In a new process introduced at Frankfort, artificial lithographic stones are made by compressing finely powdered cement or carbonate of lime.

A young Wilkesbarre mechanic has been experimenting for some time, with prospect of success in producing an illuminant by the decomposition of water.

The singular report is made by two French experimenters that silicon, though unaffected by a temperature of 2,370 degrees F., volatilizes at 824 degrees.

The New Zealand Government is seeking to promote scientific mining by sending a competent lecturer to the various mining districts. The lectures are well attended.

The finest lines separable under the microscope, according to Mr. Crisp, of the Royal Microscopical Society, may be taken as 146,543 lines to the inch with white light, but the use of monochromatic light gives increase to 158,846 lines to the inch, and 193,037 may be photographically recorded.

Reports concerning the meteoric shower of November 27, 1885, place it in the front rank among such phenomena. At places favorable for observation about one meteor per second, or 3,600 per hour were observed. The appearance of the shower according to the prediction confirms the theory that a dense stream of meteoric matter is traveling in the orbit of the lost Biela's comet.

A new illuminating agent, which an eminent Russian chemist predicts will supersede kerosene, has been tried in St. Petersburg. It is called pyronaphtha, and is prepared from the waste product of the Baku distillery of petroleum. It burns with a bright light, without smoke or vapor and is not liable to take fire accidentally or to explode.

A notable feature in the climate of Southeastern India, according to Col. B. Brandl, of the London Geographical Society, is the frequent lightning storms which occur daily for two weeks together, before the setting in of the southwest monsoon, unaccompanied by rain or any sound of thunder. This curious phenomenon is most frequent in districts where the land and sea breezes alternate with much regularity.

From English mortality statistics extending over a considerable period, Dr. Wm. Ogle finds that the death rate among clergymen is lower than in any other occupation. If the mortality for the three years 1880, '82 and '83 among ministers be represented by 556, that among farmers will be denoted by 631, among lawyers by 841, and among physicians 1122. The high rate of mortality among the doctors is a source of alarm to an eminent authority, and is regardad as demanding the most thorough investigation.

A new American process for rapidly drying timber, hides, wool, grain, and other substances charged with moisture, has been attracting considerable attention in England. It is called the cool dry air process, and consists in passing through the chamber containing the moisture-laden material a continuous current of furnace-dried air having a temperature of between 80 and 90 degrees Fahrenheit. The moisture is absorbed by the air in so remarkable a manner that oak logs are reported to have been finished in nine days although natural drying would have required three or four years. The temperature is so moderate that delicate fibres, fabrics and chemicals are not injured.

In a late paper read before the Scotch Institution of Engineers, Mr. Peter Carmichael stated that all qualities of iron become hard and brittle after service in boilers for more than a dozen years, especially where exposed directly to the fire. In the furnaces even the best iron becomes as brittle as common iron in that time, and great care has to be taken in making repairs to prevent the plates from cracking. For this reason sixteen to seventeen years is long for a boiler to be in use, at a pressure of forty to fortyfive pounds. If used longer the pressure ought to be lowered. In two boilers that had been in use nineteen years the rivets were so brittle that their heads flew off on being struck.

Perhaps no more remarkable additions to human knowledge have been made during the past twenty years than those pertaining to the ocean, whose dark abysses have become familiar regions. The physical features have been quite clearly determined, while more surprising and until recently unsuspected facts concerning the life forms of the depths have been revealed. The most extensive explorations were made by the British ship Challenger, which returned home in 1876 after three and a half years of investigation in all the oceans. By this famous expedition thousands of new organisms were discovered, in all localities and at all depths in the sea, and have been and are now being described by specialists in all parts of the world. There seems to be no part of the ocean bed so deep, so dark and so still, or where the pressure is so great as to have effectually raised a barrier to life in some of its many forms. Even in the greater depths all the great divisions of the animal kingdom are represented. Descending into the deeper waters and proceeding farthseaward from the borders of the continents, species and the number of individuals become fewer and fewer, till a minimum is reached farthest from continental land and in the greatest depths. In the adaptations of organisms to deep sea conditions curious modifications have occurred, such as the disappearance or enlargement of the eyes, the elongation of fins antennæ, the increase in size and decrease in the number of eggs, and the development of phosphorescent organs.

CASTORIA

for Infants and Children.

"Castoria is so well adapted to children that I recommend it as superior to any prescription known to me." H. A. ARCHER, M.D., 111 So. Oxford St., Brooklyn, N. Y.

Castoria cures Colic, Constipation, Sour Stomach, Diarrhœa, Eructation, Kills Worms, gives sleep, and promotes digestion, Without injurious medication.

If you wish to Farm for Profit, READ
"HOW THE FARM PAYS," 412 pages, $2.50
If you wish to Garden for Profit, READ
"GARDENING FOR PROFIT," 300 pages, $1.50
If you wish to become a Florist, READ
"PRACTICAL FLORICULTURE," 300 pages, $1.50
All By PETER HENDERSON.

Any of the above books mailed free on receipt of the price. Our Catalogue for 1886, of 140 pages, containing descriptions and illustrations of the *newest, best,* and *rarest SEEDS* and *PLANTS,* will be mailed on receipt of 6 cts. in stamps to cover postage.

Peter Henderson & Co. 35 & 37 Cortlandt St., NEW YORK.

TUTT'S PILLS

25 YEARS IN USE.
The Greatest Medical Triumph of the Age!
SYMPTOMS OF A
TORPID LIVER.
Loss of appetite, Bowels costive, Pain in the head, with a dull sensation in the back part, Pain under the shoulder-blade, Fullness after eating, with a disinclination to exertion of body or mind, Irritability of temper, Low spirits, with a feeling of having neglected some duty, Weariness, Dizziness, Fluttering at the Heart, Dots before the eyes, Headache over the right eye, Restlessness, with fitful dreams, Highly colored Urine, and
CONSTIPATION.
TUTT'S PILLS are especially adapted to such cases, one dose effects such a change of feeling as to astonish the sufferer. They Increase the Appetite, and cause the body to Take on Flesh, thus the system is nourished, and by their Tonic Action on the Digestive Organs, Regular Stools are produced. Price 25c. 44 Murray St., N.Y.

TUTT'S HAIR DYE.
GRAY HAIR OR WHISKERS changed to a GLOSSY BLACK by a single application of this DYE. It imparts a natural color, acts instantaneously. Sold by Druggists, or sent by express on receipt of $1.
Office, 44 Murray St., New York.

THE NEW CORSET.
THE TRICORA RELIEF
Having classic style features, adapts itself to the various positions of the body in stooping, sitting & reclining. It affords great relief and comfort to those many who find ordinary Corsets objectionable. The "TRICORA" stays used for bones, are recommended for durability & comfortable support. & are absolutely unbreakable.
Sample Pair mailed free for $1.00
Price $1.00
Ask for it
{The most Durable, Comfortable, and Beautiful Corset ever sold at its price.}
Every pair warranted to give satisfaction or money returned.
J. G. FITZPATRICK & CO., Mfrs., 11 Leonard Street, NEW YORK.
Please mention this paper in ordering.

TEA CLUBS
THE GREAT CHINA TEA CO
Give away as premiums to those forming clubs for the sale of their TEAS and COFFEES, Dinner Sets, Gold Tea Sets, Decorated Sets, etc. WHITE TEA SETS of 46 and 68 pieces with $10 and $12 orders. Decorated TEA SETS of 44 & 56 pieces with $12 and $15 orders. FRENCH DINNER SETS of 112 pieces, with $20 orders. Send us your address and mention this paper; we will mail you our Club Book containing complete Premium & Price List. THE GREAT CHINA TEA CO. 210 STATE ST., BOSTON, MASS.

ANAKESIS.
PILES "ANAKESIS" gives instant Relief and is a certain Cure for Piles. Sure Relief. "ANAKESIS" is sold by Druggists everywhere. Price, $1.00 per box, PREPAID, by mail. Sample sent FREE by F. G. SCHAMBERS & Co., No. 23 Mercer St. New York, Sole manufr. of "ANAKESIS."

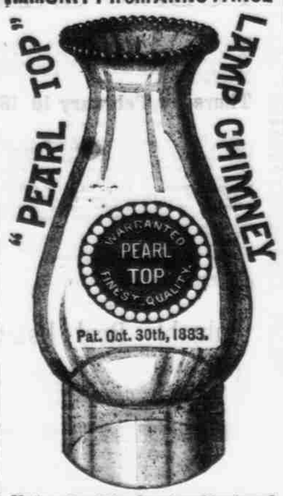
PENNYROYAL PILLS
"CHICHESTER'S ENGLISH."
The Original and Only Genuine. Safe and always Reliable. Beware of worthless imitations. Indispensable to LADIES. Ask for Druggist for "Chichester's English," and take no other, or inclose in stamps for particulars in letter by return mail. NAME PAPER. Chichester Chemical Co. 1715 Madison Square, Philada., Pa.
At Druggists. Trade supplied by Keller & Shoemaker, Philadelphia, Pa.

SALESMEN WANTED to canvass for the sale of Nursery Stock! Steady employment guaranteed! SALARY AND EXPENSES PAID. Apply at once, stating age. (Refer to this paper.) CHASE BROTHERS, Rochester, N. Y.

CARDS.
THE FOLLOWING ADVERTISEMENTS REPRESENT GOOD AND RELIABLE FIRMS. PLEASE MENTION THIS PAPER WHEN ADDRESSING THEM.
1886 SAMPLE PACK OF 50 DIFFERENT STYLES OF CARDS, with your name neatly printed on each. Ten Cents. ILLUSTRATED PRICE AND PREMIUM LISTS With full instructions to agents whereby you can make FORTY PER CENT. mailed with each pack. Get two friends to send with you and you will be presented with one for your trouble. Autograph Album free. J. A. DUBLAN, Wallingford, Ct. This is an old established Card House and they are noted for their beautiful and elegant cards.
YOUR NAME Finely Printed on 50 Silk Fringed, Hidden Name, Rainbow and Lovely Floral Motto Cards, Scrap pictures, etc. One elegantly bound tool, containing 500 Autograph Album Verses, one 48-page Autograph Album, and 1 beautiful Celluloid Ring (all by mail, post paid, for 11 two-cent stamps. Agt. AGENT CARD FACTORY, Clintonville, Conn. We refer to the publishers of this paper for our responsibility.
50 BEAUTIFUL GOLDEN BEAUTY CHROMO CARDS, with HIDDEN NAME, One BLAZING STONE RING, one fine pocket pocket, only 13 cents. NATIONAL CARD CO., N. Branford, Conn.
YOUR name on 50 concealed name cards, popular song book, 10 tricks tiffer, games, puzzles and new samples; all for 10c. Clinton & Co., No. Haven, Ct.
15 Hidden Name Cards, Agt's Sample Book and Pocket Memorandum or order book with your name in gold on cover, all for 10 cents. Steam Card Works, Northford, Ct.
CARDS SAMPLE PACK Beveled Edge Gold Scrap Concealed name Cards, 4 cts. STAR CARD CO., Clintonville, Conn.
JUST THINK! 30 Concealed Name and Souvenir Cards, Autor Album, Pkt'ge Scraps, Agt's Terms New Samples & Present, 10c. K. F. Eaton, Northford, Conn.
50 CHROMO OR 25 ALL HIDDEN NAME CARDS, with name on, 10c. Samples and Terms 4c. Capital Printing Co., Northford, Ct.
15 CONCEALED NAME CARDS, AUTOGRAPH ALBUM and New Samples 10c. Sample Book with outfit, 3c. WINSTED CARD CO., New Haven, Ct.
HUNTING CASE WATCH FREE TO AGENTS. Full particulars and canvassing outfit of HIDDEN NAME Samples for 2 c. stamp. ROYAL CARD CO., Northford, Conn.
30 Hidden Name Golden Beauties 10c. Agt's complete outfit 4c. Card Works, North Branford, Ct.
50 CHROMOS new styles 15 Hidden Name Beauties, and this 18k. Solid Rolled Gold Ring and agents samples, 10 2-cent stamps, 3 packs of Gilt and 4 Rings 50 cts. Add. S. S. Foote, Northford, Conn.
FIRST PRIZE BOTH HIGHEST AWARDS, Paris Exposition and Centennial. Best Pens in the world. Will outwear a gross of any other pen. Sample Card of 12 Pens for 25 cts. Ask your Stationer for them. Joseph Gillott's Pens. Manufactory, Hardinge Road, Camden, N. J. Works, Graham St., Birmingham, Eng. JOS. GILLOTT & SONS, 91 John St., New York. JAS. L. SMITH & CO. Agts. for U.S., Palatine, Ill.

IMMUNITY from ANNOYANCE

"PEARL TOP" LAMP CHIMNEY



Made only of the finest and best quality of Glass for withstanding heat.

Every good thing is Counterfeited, and consumers are CAUTIONED against IMITATIONS of these Chimneys made of VERY POOR GLASS. See that the exact label is on each chimney as above. The Pearl Top is always clear and bright Glass.

Manufactured ONLY by
GEO. A. MACBETH & CO.
Pittsburgh Lead Glass Works.
FOR SALE BY GROCERS.

THIS PAPER is on file in Philadelphia at the Advertising Agency of Messrs. N. W. AYER & SON, our authorized agents.

LOOK LIKE A MAN!—

BIRMINGHAM.

The Founding and Development of the Magic City of the South.

Birmingham, the magic city of the South, was incorporated December 19, 1871, and is beautifully situated in Jones' Valley, Jones county, Ala., and is the county seat at present. The former capital town of Jefferson county was Elyton, distant about two miles, now a suburb of the city, containg a number of fine residences. James R. Powell, T. R. Miller and Samuel Tait were the original promoters and founders of the new city. They saw their chance to make a fortune, and had the nerve and means to go in and win by buying up the lands about the time the South and North Alabama and Chattanooga roads were being built through this then wild and comparatively unknown section, for, until then, little if anything was known of the vast mineral wealth here deposited.

The gentlemen previously named, after a careful survey of the lands, for the purpose of ascertaining beyond doubt the extent, quality, &c., of the coal, iron and limestone, were fully assured of the almost inexhaustible quantity and of the superior quality of the same. Immediately they set about forming a company or syndicate for the purpose of developing the lands and bringing into market these rich deposits that had lain hidden for unknown ages. A location for a city was carefully and judiciously selected, surveyed, and as our friend "Boss" Shepherd would say, laid out in a comprehensive plan with an eye of faith to the future greatness of the embryo city. The reports at first were doubtfully received, so incredible they seemed. It was hard for the staid old iron masters of Pennsylvania and other mineral regions to believe that such vast deposits of minerals could exist in the South, and that it could remain here or elsewhere for so long undiscovered. Shrewd and enterprsing iron men and capitalists from New Castle, Pa., and Wheeling, W. Va., came on to see for themselves, and were convinced of the truthfulness of the statements made. They purchased lands and erected mills, furnaces, &c. The result has been marvellous. The taxable property in the city of Birmingham in 1883 was $2,682,909, and in 1884 it had increased to $3,302,136. The city is lighted with a superior gas manufactured from coal procured in the immediate vicinity. Water of a good quality is furnished by a clear stream that flows near by. A paid fire department is maintained, while the police and sanitary are all that could be desired. The city boasts of a pretty opera house, capable of seating 1,260 persons, one of the best arranged places of amusement in the South.—*Birmingham Cor. of the Washington Star.*

About Women.

Women always show by their actions that they enjoy going to church; men are less demonstrative.

When a woman becomes flurried she feels for a fan; when a man becomes flurried he feels for a cigar.

Women jump at conclusions and generally hit; men reason things out logically and generally miss it.

Some women can't pass a millinery store without looking in; some men can't pass a saloon without going in.

A woman never sees a baby without wanting to run to it; a man never sees a baby without wanting to run away from it.

Women love admiration, approbation, self-immolation on the part of others; are often weak, vain and frivolous. Ditto men.

A woman always carries her purse in her hand so that other women can see it; a man carries this inside pocket so his wife can't see it.

"I Have Suffered!"

With every disease imaginable for the last three years. Our
Druggist, T. J. Anderson, recommending
"Hop Bitters" to me,
I used two bottles!
Am entirely cured, and heartily recommend Hop Bitters to every one. J. D. Walker, Buckner, Mo.

I write this as a
Token of the great appreciation I have of your Hop
* * * Bitters. I was afflicted
With inflammatory rheumatism!!!
For nearly
Seven years, and no medicine seemed to do me any
Good!!!
Until I tried two bottles of your Hop Bitters, and to my surprise I am as well today as ever I was. I hope
"You may have abundant success"
"In this great and"
Valuable medicine:
Anyone! * * wishing to know more about my cure?
Can learn by addressing me, E. M. Williams, 1103 16th street, Washington, D. C.

—I consider your
Remedy the best remedy in existence
For Indigestion, Kidney
—*Complaint*
"And nervous debility. I have just"
Returned
"From the south in a fruitless search for health, and find that your Bitters are doing me more
Good!
Than anything else;
A month ago I was extremely
"Emaciated!!!"
And scarcely able to walk. Now I am
Gaining strength! and
"Flesh!"
And hardly a day passes but what I am
* * * * * * * *
complimented on my improved appearance, and it is all due to Hop
Bitters! J. Wickliffe Jackson,
—*Wilmington, Del.*

None genuine without a bunch of green Hops on the white label. Shun all the vile, poisonous stuff with "Hop" or "Hops" in their name.

INCORPORATED IN 1857.
STRICTLY ON MUTUAL PLAN.
PROTECTION MUTUAL
FIRE INSURANCE COMP'NY
OF EBENSBURG, PA.
Premium Notes now in force - $160,000
Only 7 Assessments in 28 Years.
Good FARM PROPERTIES
ESPECIALLY DESIRED.
NO STEAM RISKS TAKEN.
GEO. M. READE, President.
T. W. DICK, Secretary.
Ebensburg, Jan. 31, 1881.-1y.

NEWSPAPER Advertising Bureau, 10 Spruce Street, N. Y.

MEDICINE-TAKING.

The Danger of Taking Too Many Poisonous Compounds.

Since there is a special tendency in most communities to take too much medicine, and to take it recklessly, it has not been the object to incease that tendency. While the use and value of drugs are not to be denied, it is claimed that no ignorant person should ever dabble with them, remembering that the more active of them are active because they are poisons, or at least modifications of poisons, and if given injudiciously when not needed, or in too large doses, the poison element will appear. And here it is proper to refer to that absurd idea that disease is a monster, to be slain by the administration of active poisons—killed like any other monster, a tiger to be subjugated. On the contrary, disease is but the absence of ease and health, a negative rather than a positive condition, the removal of which depends mainly on co-operating with nature, whose efforts are always in the right direction, though not always effectual.

All of these, in a certain sense, may be regarded as curative, though failure often results, either from the lack of sufficient physical foundation, from surrounding adverse circumstances or from an interference on the part of those who would cure, but who, on account of ignorance or false ideas, introduce discord and false efforts. It may be that such, foolishly believing that the more critical and dangerous the case, even when much reduced in vital force, the more powerful the dose demanded, act on this principle, and give the the dose that might be safe in ordinary cases, to persons of the same age and sex, exercising no discrimination, no judgment. Such should remember that those weak in body are also weak in the stomach, as certainly unable to bear large doses as they are to perform hard labor. I have seen many an adult to whom I would give no more than a strong boy slightly ailing could bear at the age of four years. And when such are dosed with no regard to their weakness the sudden death is attributed to "heart disease," while the intelligent know that but a very small percentage of the sudden deaths are caused by organic diseases of the heart. It is also believed that prevention is better, easier, safer and cheaper than cure.—*Dr. Hanaford, in Golden Rule.*

Housewife's Scrap Book.

Stain on cups and saucers may be removed by rubbing with ashes.

If the oven is too hot when baking place a small dish of cold water in it.

When sponge cake becomes dry it is nice to cut in thin slices and toast.

To remove mildew, soak in buttermilk and spread on the grass in the sun.

To prevent mustard plaster from blistering, mix it with the white of an egg.

Never put salt into soup when cooking till it has been thoroughly skimmed, as the salt prevents the skum from rising.

When the burners of lamps become clogged with char, put them in a strong soap suds and boil awhile to clean them.

Boiled starch can be much improved by the addition of a little sperm or a little salt, or both, or a little dissolved gum arabic.

To brighten the inside of a coffee or tea pot, fill with water, add a small piece of soap, and let it boil about forty-five minutes.

If matting, counpanes, or bedspreads have oil spots on them, wet with alcohol, rub with hard soap, and then rinse with clear, cold water.

Helpless Upon a Friendless Sea!

Who, in taking passage in a great transAtlantic steamer, does not feel a thrill of exultation over her magnificent power. Against her the Storm King may hurl his elemental forces, nor pierce her armor, nor stop her onward course.

But let me describe a scene when, one morning in mid-ocean, there came an alarm from the pilot house followed by a cry: "The ship's rudder is lost!" From the confident expression, consternation came to every face. The wheelman being helpless to direct her course, the vessel was at the mercy of wind and wave.

The captain had been negligent—the hangings of the rudder were allowed to wear weak, and suddenly it had dropped deep into the sea!

Strong in intellect, in physical vigor, in energy and ambition, he confronts, undaunted, gigantic [illegible] and commands applause for his [illegible] efficient excitements. But, all unc[illegible]lly, an alarm come—the rudder of [illegible] constitution is gone. He has been carel[illegible] of its preservation; mental strain, [illegible] achievements, irregular habits, over-work, have destroyed the action of his kidneys and liver. This would not occur were Warner's safe cure used to maintain vigor. And even now it may restore vitality to those organs and give back to the man that which will lead him to the haven of his ambition.—*The Traveler.*

A CARD.

To all who are suffering from the errors and indiscretions of youth, nervous weakness, early decay, loss of manhood, &c., I will send a recipe that will cure you, FREE OF CHARGE. This great remedy was discovered by a missionary in South America. Send a self-addressed envelope to the Rev. JOSEPH T. INMAN, Station D, New York City.

CATARRH
ELY'S CREAM BALM CURES COLD IN HEAD, ROSE-COLD, HAY-FEVER, CATARRH, DEAFNESS, HEADACHE. PRICE 50 CENTS. ELY BRO'S, OWEGO, N.Y. U.S.A. EASY TO USE.
HAY-FEVER
ELY'S Cream Balm
Cleanses the Head. Allays Inflammation. Heals the Sores. Restores the Senses of Taste & Smell. A Quick & Positive Cure.
A particle is applied in each nostril and is agreeable to use. Price, 50 cts. by mail or at Druggists. Send for circular. ELY BROS. Druggists, Owego, N. Y.
May 1, 1884.-6.

EVERY ONE Who Owns a WAGON Wants A EUREKA FOLDING CANOPY TOP. Folds up like an umbrella. Weighs less than 12 lbs. Can be taken off or put on in 3 minutes. Made in sizes to fit business wagons, pleasure wagons and buggies. Send for illustrated circular and price list. Agents wanted everywhere. State where you saw this. D. G. BEERS & CO., Patentees and Manufrs. Sandy Hook, Conn.

SELWYN HALL READING, PENN.
A thorough preparatory school for Boys. Conducted upon the Military plan. For catalogue address L. C. BISHOP, Head Master, Reading, Pa.

"Rough on Rats."
clears out rats, mice, roaches, flies, ants, bedbugs.

Heart Pains.
Palpitation, dropsical swellings, dizziness, indigestion, headache, sleeplessness cured by Wells' Health Renewer.

"Rough on Corns."
Ask for Wells' "Rough on Corns." 15c. Quick complete cure. Hard or soft corns, warts, bunions.

"Buchu-Paiba."
Quick, complete cure, all kidney, bladder and urinary diseases, scalding, irritation, stone, gravel, catarrh of the bladder. $1, druggists.

Bed-Bugs, Flies.
Flies, roaches, ants, bed-bugs, rats, mice, gophers, chipmunks, cleared out by "Rough on Rats." 15c.

Thin People.
"Wells' Health Renewer" restores health and vigor, cures dyspepsia, impotence, sexual debility. $1.

"Rough on Pain."
Cures cholera, colic, cramps, diarrhœa, aches, pains, sprains, headache, neuralgia, rheumatism. 25c. Rough on Pain Plasters, 15c.

Mothers.
If you are failing, broken, worn out and nervous, use "Well's Health Renewer." $1. Druggists.

Life Preserver.
If you are losing your grip on life, try "Wells' Health Renewer." Goes direct to weak spots.

"Rough on Piles."
Cures piles or hemorrhoids, itching, protruding, bleeding, internal or other. Internal and external remedy in each package. Sure cure, 50c. Druggists.

Pretty Women.
Ladies who would retain freshness and vivacity, don't fail to try "Well's Health Renewer."

"Rough on Itch."
"Rough on Itch" cures humors, eruptions, ringworm, tetter, salt rheum, frosted feet, chilblains.

"Rough on Catarrh."
Corrects offensive odors at once. Complete cure of worst chronic, also unequaled as gargle for diphtheria, sore throat, foul breath. 50c.

The Hope of the Nation.
Children, slow in development, puny, scrawny and delicate use "Wells' Health Renewer."

Catarrh of the Bladder.
Stinging, irritation, inflammation, all kidney and urinary complaints cured by "Buchu-Paiba." $1.

"Water Bugs, Roaches."
"Rough on Rats" clears them out, also beetles ants.

1886. 1886.

THE PITTSBURGH
WEEKLY POST

The Only Democratic Paper in Pittsburg,

At the Low Rate of $1 a Year, in Clubs of Five or Over.

All News of the Week and a Great Variety of Miscellany.

Complete Market Reports from all Points —Cattle Markets a Specialty

Read Carefully:

POLITICAL—Always Democratic, giving a cordial and candid support of the National Administration.

LITERARY—Illustrated tales, sketches, choice miscellany, biography and poetry.

WASHINGTON—Ample and reliable correspondence, mail and telegraphic Congressional proceedings; the first year of the Democratic Administration, with a hostile Senate; how they get along.

MARKETS—Careful reports of the Pittsburgh, Foreign and other markets; live stock quotations; the wool growers' interests; money and stock markets, at home and abroad.

CORRESPONDENCE—Interesting and sprightly letters from special correspondents in Paris, New York, Washington, the South and the West.

In short, in the eight pages and fifty-six columns of THE WEEKLY POST will be found that careful variety of reading that interests the man of business, the farmer, the politician, the student, and pre-eminently the family and household circle.

Single subscription, $1.25 a year, post-paid.

In Clubs of Five or Over, $1 per year, post-paid.

An extra copy free to every club of ten.

Send for Sample Copies.

JAS. P. BARR & CO., Publishers.

ONE DOLLAR

THE WEEKLY PATRIOT

Harrisburg, Pa.

The leading Democratic paper in the State. Full of interesting news, and miscellaneous and political reading.

ONLY ONE DOLLAR A YEAR

Special Rates to Clubs.

Sample copies mailed free on application.

The PATRIOT and New York weekly *World* one year for one dollar and fifty cents.

The PATRIOT and the Philadelphia Weekly *Times* one year for one dollar and seventy-five cents.

WANTED.

AGENTS in every Township in this County to solicit subscriptions for the WEEKLY PATRIOT.

Write for terms. Address all communications to

THE PATRIOT, Harrisburg, Pa.

CARRIAGES, WAGONS & SLEIGHS

Carriage Making in all its Branches.
Painting, Trimming
and REPAIRING of all kinds done at the SHORTEST NOTICE and the LOWEST PRICES. Also, Planing, Sawing and Wood Turning with improved machinery. Also, all kinds of heavy work done. Carriage smith shop connected. All parties trusting me with work will be honorably dealt with. All work warranted.
D. M. CHUTE.
Ebensburg, October 24, 1884.

Illustrated American STOCK BOOK &c. *Thousands sold in the West. No farmer can afford to be without it.* ROBERT BONNER says: "It is the best work of the kind I ever saw." Price, cloth, $5; leather, $5.75. Sent prepaid. Agents Wanted. Exclusive Territory Given. Knickerbocker Subscription Agency, P. O. Box 8270. 132 Nassau St., New York.

HUNT'S KIDNEY & LIVER REMEDY. NEVER KNOWN TO FAIL.
30 YEARS RECORD.
CURES ALL DISEASES OF THE KIDNEYS LIVER BLADDER AND URINARY ORGANS DROPSY GRAVEL DIABETES BRIGHT'S DISEASE PAINS IN THE BACK LOINS OR SIDE NERVOUS DISEASES RETENTION OR NON-RETENTION OF URINE. PRICE $1.25. Send for Pamphlet of Testimonials.
HUNT'S REMEDY CO., Providence, R. I.

Physicians' Testimony.
A. W. Brown, M.D., of Providence, R. I., says: "I have used HUNT'S [Kidney and Liver] REMEDY in my practice for the past sixteen years, and cheerfully recommend it as being a *safe and reliable remedy.*"

Another prominent doctor of Providence says that "I am frequently urged to use other preparations as substitutes for HUNT'S [Kidney and Liver] REMEDY. I find on trying them that they are worthless in comparison to it."

An Old Lady.
"My mother, 76 years old, has chronic kidney complaint and dropsy. Nothing has ever helped her like HUNT'S [Kidney and Liver] REMEDY. She has received great benefit from 8 bottles and we think it will cure her."—W. W. Sunderland, Builder, Danbury, Conn.

A Minister's Wife.
Rev. Anthony Atwood, of Philadelphia, says:—"HUNT'S [Kidney and Liver] REMEDY has cured my wife of Dropsy in its worst form. All say that it is a miracle."

General Chace.
General Chace of Rhode Island says: "I always keep HUNT'S [Kidney and Liver] REMEDY in my house. Taken in small doses occasionally at night, it prevents headache, and regulates the kidneys, stomach and other organs." 16

"Disease soon shaken by HUNT'S REMEDY taken."
C. N. CRITTENTON, N. Y., General Agent.

Only Temperance Bitters Known.
VINEGAR BITTERS
VEGETABLE ★ FREE FROM ALCOHOL
PURELY ★ CALIFORNIA
DR. WALKER'S EUREKA
VINEGAR BITTERS
No other medicine known so effectually purges the blood of deep-seated diseases.
Millions bear testimony to its wonderful curative effects.
It is a purely Vegetable Preparation, made from the native herbs and roots of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.
It removes the cause of disease, and the patient recovers his health.
It is the great Blood Purifier and Life-giving Principle; a Gentle Purgative and Tonic; a perfect Renovator and Invigorator of the system. Never before in the history of the world has a medicine been compounded possessing the power of VINEGAR BITTERS in healing the sick of every disease man is heir to.
The Alterative, Aperient, Diaphoretic, Carminative, Nutritious, Laxative, Sedative, Counter-Irritant, Sudorific, Anti-Bilious, Solvent, Diuretic and Tonic properties of VINEGAR BITTERS exceed those of any other medicine in the world.
No person can take the BITTERS according to directions and remain long unwell, provided their bones are not destroyed by mineral poison or other means, and the vital organs wasted beyond the point of repair.
Bilious, Remittent, Intermittent and Malarial Fevers are prevalent throughout the United States, particularly in the valleys of our great rivers and their vast tributaries during the Summer and Autumn, especially during seasons of unusual heat and dryness.
These Fevers are invariably accompanied by extensive derangement of the stomach, liver and bowels. In their treatment, a purgative, exerting a powerful influence upon these organs, is absolutely necessary.
There is no cathartic for the purpose equal to Dr. J. WALKER'S VINEGAR BITTERS, as it will speedily remove the dark-colored fecal matter with which the bowels are loaded, at the same time stimulating the secretions of the liver, and generally restoring the healthy functions of the digestive organs.
Fortify the body against disease by purifying all its fluids with VINEGAR BITTERS. No epidemic can take hold of a system thus fortified.
It Invigorates the Stomach and stimulates the torpid Liver and Bowels, cleansing the blood of all impurities, imparting life and vigor to the frame, and carrying off without the aid of Calomel, or other mineral, all poisonous matter from the system. It is easy of administration, prompt in action, and certain in its results.
Dyspepsia or Indigestion, Headache, Pain in the Shoulders, Coughs, Tightness of the Chest, Dizziness, Sour Eructations, Bad Taste in the Mouth, Bilious Attacks, Palpitation of the Heart, and a hundred other painful symptoms, are at once relieved by VINEGAR BITTERS.
For Inflammatory and Chronic Rheumatism, Gout, Neuralgia, Diseases of the Blood, Liver, Kidneys and Bladder, the Bitters have no equal. In these, as all constitutional diseases, WALKER'S VINEGAR BITTERS has shown its great curative powers in the most obstinate and intractable cases.
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 occasional doses of VINEGAR BITTERS.
Skin Diseases, Scrofula, Salt Rheum, Ulcers, Swellings, Pimples, Pustules, Boils, Carbuncles, Ring-worms, Scald-head, Sore Eyes, Erysipelas, Itch, Scurvy, Discolorations, 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 the Bitters.
Pin, Tape and other Worms, lurking in the system of so many thousands, are effectually destroyed and removed. No system of medicine, no vermifuge, no anthelmintics, will free the system from worms like VINEGAR BITTERS.
Measles, Scarlet Fever, Mumps, Whooping Cough, and all children's diseases may be made less severe by keeping the bowels open with mild doses of the Bitters.
For Female Complaints, in young or old, married or single, at the dawn of womanhood, or the turn of life, this Bitters has no equal.
Cleanse the Vitiated Blood when its impurities burst through the skin in Eruptions or Sores; cleanse it when obstructed and sluggish in the veins; cleanse it when it is foul; your feelings will tell you when, and the health of the system will follow.
In conclusion, Give the Bitters a trial. It will speak for itself. One bottle is a better guarantee of its merits than a lengthy advertisement.
Around each bottle are full directions printed in different languages.
R. H. McDonald Drug Co., Proprietors, San Francisco, Cal., and 32, 34 & 36 Washington St., Cor. Charlton St., New York.
Sold by all Dealers and Druggists.

PATENTS
MUNN & CO., of the SCIENTIFIC AMERICAN, continue to act as Solicitors for Patents, Caveats, Trade Marks, Copyrights, for the United States, Canada, England, France, Germany, etc. 75 page Hand-Book of Information concerning Patents sent free. Patents obtained through MUNN & CO. are noticed in the SCIENTIFIC AMERICAN, the largest, handsomest, most widely circulated scientific paper. Weekly, $3.00 a year. Specimen copies sent free. Hand-Book of Information, Scientific American Office, 37 Park Row, New York. Branch Office, 622 F St., Washington, D. C.

ENGINES, VIBRATORS, THRESHING MACHINES, GRAIN DRILLS, cider mills
Warranted the best. Grain drills; the celebrated Pennsylvania, the only perfect force feed phosphate attachment in use. Cider Mills; the celebrated American and young American. CORN SHELLERS, HAY PRESSES and STANDARD IMPLEMENTS generally. Send for catalogue. A. BARQUHAR, Pennsylvania Agricultural Works, York Pa.

Important to Canvassers.
WANTED—Live Canvassers in every county in the United States to sell FOX'S PATENT REVERSIBLE SAD IRON, which combines two Sad Irons, Polisher, Plater, &c., one iron doing the work of an entire set of ordinary irons. Is self-heating by gas or alcohol lamp. DOES AWAY WITH HOT KITCHENS. Price moderate. A large and lasting income insured to good canvassers. Address, for circulars, &c., FOX SAD IRON CO., 95 Reade St., N. Y.

CONSULT Dr. DeBUTTS
Dr. La Burge, Specialist to Dr. DeButts, Office and Dispensary, Organic Weakness, Gonorrhœa, Syphilis, Material Affections, Scientific Treatment, safe and sure remedies. Defective Vision Corrected. Call or write for list of questions to be answered by those desiring treatment by mail. Persons suffering from Rupture should send their address, and learn something to their advantage. It is not a truss. Address Dr. C. L. LABARE, Prest. and Physician in Charge, Central Med. & Surg. Institute, 820 Locust St., St. Louis, Mo. Successor to Dr. Butts' Dispensary. Established 30 Years.

SELLERS' LIVER PILLS
have stood for 30 years the Standard Remedy for the cure of Liver Complaints, Costiveness, Sick Headache, and all derangements of the Liver. Send "Sellers' Liver Pills cured me of Liver Complaint, which compelled me to quit work."—Wm. Andrews, Baltimore. "I can recommend Sellers' Liver Pills. They have cured hundreds of patients here."—Thos. Adams, Big Sandy, Kentucky. Price 25c. a Box. Sold by all Druggists and country Store-Keepers. B. E. SELLERS & CO., Props., Pittsburgh, Pa.

AGRICULTURAL NOTES.

Items Relating to Farm, Live Stock, Orchard, Garden and Lawn.

Get around the catalogues.

Grind oats and corn together.

Sow golden feather seed now.

Don't tear the new turned leaf.

A poor garden is really expensive.

Ferns love coolness and moisture.

Floral horseshoes are out of fashion.

Are the cellars secure against frosts?

Try some of the Johnson grass this year.

For a second early pea the Stratagem is the best.

The self-blanching celery has been over praised.

Good corn fodder is better than good hay for milch cows.

Salt the cattle regularly this year—say every Monday morning.

How smooth the agents talk! farmers, beware of these oily-tongued fellows.

The Russian mulberry don't amount to much unless it may suit the silk worm.

Again we advise farmers to be particularly careful of their stock during this severe winter weather.

They have great soil in Montana for potatoes; a perfect specimen of the Early Rose that weighed 4½ pounds was recently grown there.

Most kinds of fruit trees produce their crop from spurs one or two inches in length, which grew from well established branches.

In cold weather cattle will often suffer injuriously from thirst, rather than go some distance to the water. See to it that this does not occur, even if driving them to drink is necessary.

Observe your horse when he is drinking at a brook, is an Ar