

Agricultural.

EXTRACT OF APPLES.—In some parts of Ohio new processes of utilizing apples have been invented and put in operation, which place the culture of this fruit upon an entirely new basis. One process is of making apple-jelly, and one of 'apple-butter'...

USE OF SULPHUR IN THE VINEYARD.—A writer in the Horticulturalist, says of reports made of recent experiments in the use of sulphur on Catawba vineyards on the Islands: It was stated by one of the grape-growers from there, that sulphuring the vines had been practiced to some extent for several years past...

CULTIVATION OF WHITE BEANS.—There is no reason why the culture of field beans, if carefully harvested and cared for after harvest, could not be profitable. The great trouble is that, during the time of curing, the beans are apt to become discolored...

How to TELL A GOOSE FROM A GANDY.—In sorting out a flock of geese for home breeding or to make sales, it is often difficult to distinguish the males from the females. A correspondent thus delineates the difference: 'The goose has always a feminine appearance and the gander the opposite...

SALT BRINE FOR Lice.—It answers to many inquiries for a remedy for lice, the World states that an application of brine, as strong as can be made, is a certain remedy. It will kill the lice outright, but not always the nits...

Wet Boots.—The Agriculturalist gives the following advice to farmers, who, next to fishermen, are apt to get their boots wet through. 'When the boots are taken off, fill them quite full with dry oats. This grain has a great fondness for damp, and rapidly absorbs the last vestige of water from the leather...

Utilization of Waste Soap Laves and Oily Liquors.—Instead of separating the fatty matters from the water by means of mineral acids, the author proposes to treat them with salts of soda...

To Take Grease Out of Carpets.—Apply on the greasy spot whitening, and continue the application until the grease is removed. Three applications will generally suffice.

Scientific.

A NEW USE FOR CHICKEN FEATHERS.—Chicken feathers are among those waste products of the farm of which no regular means of utilization has heretofore been suggested. Myriads of them are strewn over the barn yard, packed in the floor of the chicken house, or are converted into positive nuisances by the wind which bestrewn them over lawns and flower beds...

WHITWORTH STEEL.—Some idea of the solidity of compressed casting of Whitworth metal may be gleaned from the fact that, five minutes after the application of pressure—about one ton to the square inch—a column of fluid steel becomes shorter by 12.5 per cent, or 1 1/2 inches to the foot. Sir Joseph Whitworth, as a writer in Iron states, holds the proposition that the quality of a metal must be proved by a certain tensile strength and a certain percentage of ductility...

RESERVED FRUIT.—Take small, rich, fair fruit, as soon as the apple is black; set it over the fire in a kettle, with water to cover them; let them simmer until they yield to the pressure of the thumb; drain them; pack them in a bowl to cold water, pare them neatly, leaving on a little of the stem and the blossom end. Pierce them at the blossom end to the core, then make a syrup of a pound of sugar for each pound of fruit. When it is boiling hot, pour over the pears and let it stand until the next day. Then drain it off, make it boiling hot, and again pour it over. After a day or two, put the fruit in the syrup and let it boil gently until it is clear, put it in the jars or spread it on dishes, boil the syrup thick, then put it and the fruit in jars.

WEDDING CAKE.—Three pounds of butter creamed with three pounds of brown sugar, two dozen of eggs, yolks and whites beaten separately, four pounds of raisins (after they have been soaked in rum), one pound of candied fruit, and one half pound of orange marmalade. Stir all together until light, add a few drops of almond essence, and beat until thick. Press into a round cake, and bake in a tin pan for one hour. Cut into slices, and serve with cream.

THE FLIGHT OF BRIDA.—Professor Galtrine, in relation to the hovering of birds, states that, when the bird desires to hover over a given spot, it moves by an expenditure of muscular force until it finds a region where one layer of air is moving, say from right to left, and another from left to right. Then placing its body and most of its right wing in the lower stratum, it tilts its body so that some of its left wing is in the upper layer. By altering its position, it is enabled to make a circle, and probably also by turning some of the pen feathers on their axes, and altering the inclination of its wings, the bird so governs the pressure on the two wings that the sum of the vertical resolved parts of the up to the third weight, while the horizontal resolved parts are equal and opposite.

THE CORRELATION OF FORCES.—Of the various forms of energy existing in nature, any one may be transformed into any of the others, and the total amount of energy does not disappear. This is what is meant by 'the correlation of forces.' Thus the rotary power of a wheel, if applied to turn a magnet, is converted into electricity; and this electricity, if employed to drive a wheel, is changed back into rotary power.

FLANNEL.—Soiled flannel before you make it up, as it shrinks in the first washing. This is because the shrinking arises from there being too much soap and the water being too cold. Never use soda for flannels.

TAPE WORM! TAPE WORM! Tape Worm removed from 2 to 4 hours with harmless vegetable medicine. No food taken until the entire worm and head passed. Medicine harmless. One drop of medicine is sufficient for the treatment of the worm. The medicine is a simple vegetable preparation. It is not a purgative. It is a gentle cathartic. It is a perfect Renovator and Invigorator of the system. Never before in the history of the world has a medicine been compounded possessing the remarkable qualities of VEGETABLE BITTERS in healing the sick of every disease man is heir to. They are a gentle Purgative and an invigorant of the Liver and Visceral Organs, in Bilious Diseases.

USE THE GEM POLISH. BEST IN THE WORLD. NEW YORK BLACK LEAD WORKS. JOB PRINTING. STATIONARY, PORTABLE AND AGRICULTURAL STEAM ENGINES. MASSILLON SEPARATORS. HORSE POWERS. HORSE RAKES. BERRICK'S HAY CUTTERS AND OTHER FIRST-CLASS FARM MACHINERY. HERBERT & RAYMOND. 1835 Market Street. PHILADELPHIA.

Domestic.

THE OTHER DAY AT A DETROIT was riding on the Pontiac Road, says the Detroit Free Press, he came across an old lady seated in a buggy which had been halted within a few yards of the Grand Trunk Railroad track. She seemed to be uneasy about something, and, as he drove up, she asked: 'Say, mister, hain't that engine going to come along pretty soon?' He asked her to explain, and she pointed to the sign, which reads: 'I agree with the engine' and added: 'I've waited more'n two hours for the old engine to go by; but I'm getting tired, and if it don't come pretty soon I'll drive right over the track and go home!'

IT HAS BEEN A FASHION OF LATE with novelists to give their work short titles. But an English writer has reached the climax, by calling his book 'B.' If this mode of naming novels from a single letter should become prevalent, we would suggest that a good many of them may with great propriety be named O, signifying naught.

CHARLES II. playing tennis with a dean, who struck the ball well, the king said, 'That's a good stroke for a dean.' 'I'll give it a stroke of the bishop if your majesty pleases,' was the suggestive rejoinder.

WHAT RELATION is a loaf of bread to a locomotive? Why? Because bread is a necessity and locomotive an invention, and we all know that necessity is the mother of invention.

THE CHILD OF THE SEA is always a boy. Treating the Wrong Disease. Many times women call upon their family physicians, one with dyspepsia, another with palpitation, another with trouble of the breast, another with pain here and there, and in this way they all present alike symptoms, and their early-going and indifferent doctors, separate and distinct cases, for which he prescribes his pills and potions, assuming them to be such, when, in reality, they are all symptoms caused by the same disease. What he does is thus only able perhaps to palliate for a time, they are ignorant of the cause, and encourage their practice until large bills are made, when the suffering patients are no better in mind or body than when they began the treatment and other complications made, and which a proper medicine directed to the cause would have entirely removed, thereby insuring health and comfort instead of prolonged misery.

FROM MISS LORINDA E. ST. CLAIR, SHADE, Athens Co., O., Oct. 14th, 1872: 'Dr. R. P. Pierce, Buffalo, N. Y.—Your medicine cured me of a severe case of female weakness, and I am much obliged to you for it. I have been for over two years.' FROM MISS LORINDA E. ST. CLAIR, SHADE, Athens Co., O., Oct. 14th, 1872: 'Dr. R. P. Pierce, Buffalo, N. Y.—Your medicine cured me of a severe case of female weakness, and I am much obliged to you for it. I have been for over two years.'

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Humorous.

CONSUMPTION. Can Dyspeptic Consumption be Cured? We answer, YES! First, Remove all the unhealthy mucus that gathers about the walls of the stomach from indigestion. Second, Produce an active condition of Liver and Kidneys without depleting the system. Third, Supply or aid nature in furnishing the drain of some of the component parts that compose healthy fluids. We, from thousands who have been cured, assure that a cure can be performed on this theory.

REMEDIES USED. Apart from our Office Practice. FIRST. THE GREAT AMERICAN DYSPEPSIA PILLS. Remove the fungus matter from the stomach, and restore it to a healthy condition. SECOND. THE PINE TREE TAR CORDIAL. Acts on the Liver, leads the Stomach, and acts on the Kidneys and Nervous System.

ADMONITION. It is known to all readers that since Dr. L. Q. C. WISHART has followed the cause and cure of disease, and the great value of TAR as a curative remedy, as directed by Sibber Berkley and Rev. John Wesley, that many have attempted to make a TAR preparation for THROAT AND LUNG DISEASES. So it is known that Dr. L. Q. WISHART'S PINE TREE TAR CORDIAL is the only remedy, from long experience, used by our most skillful physicians for Diphtheria, Ulcerated Throat, Lung, Kidney, Rheumatism, Asthma, and General Debility, as well as for Coughs, Colds and Lung Affections.

DR. L. Q. C. WISHART, CONSULTING ROOMS AND STORE, No. 222 N. SECOND ST., PHILADELPHIA.

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 medicinal properties of which are extracted therefrom without the use of Alcohol. The question is almost daily asked, 'What is the cause of the unparalleled success of VINEGAR BITTERS?' Our answer is, that they remove the cause of disease, and the patient recovers his health. They are the great blood purifier and a life-giving principle of the Liver and Visceral Organs, in Bilious Diseases.

STATIONARY, PORTABLE AND AGRICULTURAL STEAM ENGINES. General Agents for RUSSELL & CO'S Massillon Separators HORSE POWERS. HORSE RAKES. BERRICK'S HAY CUTTERS AND OTHER FIRST-CLASS FARM MACHINERY. HERBERT & RAYMOND, 1835 Market Street. PHILADELPHIA.

SHOW CASES! SHOW CASES! All styles, Silver Mounted and Walnut, new and second hand. Counter, Shelving, STOVE FIXTURES, CASES, SHAVING, TOILET, WOODEN OFFICE FURNITURE all kinds. The largest at 1st and Second Sts. NEW YORK BLACK LEAD WORKS. LEWIS & BROS., 216-17 Second St. PHILADELPHIA.

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A GREAT STRIDE UP AND OVER Business Customs!

Entered according to Act of Congress, in the year 1874, in the Office of the 12th Justice of the Peace, at Washington.

Already the Largest Clothing Concern in America, and leaving the Trade, IT STARTS ON A NEW CAREER!! Thoroughly reorganized on a greatly improved plan.

AGAINST MISREPRESENTATIONS. A PLAN. By which it is hoped to double in the coming year the already immense business of.

ENORMOUS ESTABLISHMENT. Making its Annual Sales more than \$5,000,000!!! MERITING AND SECURING the Patronage of all classes of the Community to a degree never before enjoyed by ANY ONE House in any department of trade!! Sure to command the best and the comeliest.

WE NOW ANNOUNCE THESE AS THE FOUR CARDINAL POINTS by which we will hereafter steer our craft.

- ONE PRICE. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts. S. E. Cor. 6th and Market Sts.

EXPLANATION AND ELABORATION OF WANAMAKER & BROWN'S NEW PLAN. Houses doing a credit business must provide for losses on bad debts, interest on long-standing accounts, capital locked up, etc. To bear such losses themselves would drive them out of business. Therefore a per cent is added to the price of each article sold, to cover this leakage, and Cash Buyers whether they know it or not, really pay the bad debts and the interest on the long credits of the other customers. Under the Cash Payment system one pays only for what he gets, and contributes nothing to a 'Sinking Fund.'

CASH THROUGHOUT. Bring Money for Clothing, and we will supply it at prices possible under no other plan. The fairness of this feature of our plan all will praise. It is simply treating all alike—extending nothing from indisposition to bargain or ignorance, and, at the same time, conceding what others elsewhere on the street and elsewhere in the city would not, because the 'One Price' which we mark on our goods, shall invariably be.

NOT THE 'First' Price, but the LAST and LOWEST PRICE. NOT THE 'TOP' Price, but the VERY BOTTOM PRICE. In other words, Salesmen or 'Headmen,' have never been allowed, under ordinary circumstances, to fall below a certain figure. It is that, or at least, what we now determine to mark our goods, calculating the cost to the exact point, and fixing the price at the low minimum profit on which business can be conducted.

GUARANTEE. We hereby guarantee: 1st. That the prices of our goods shall be as low as the same quality of material and manufacture are sold anywhere in the United States. 2d. That the prices are precisely the same to everybody for same quality, on same day of purchase. 3d. That the quality of goods is equal to what is represented on printed labels and warranted. 4th. That the full amount of each bill will be refunded, if customers find the articles unsatisfactory, and return them unworn and unimpaired within 10 days of date of purchase.

THE ADVANTAGES. Incident to a system having for its cardinal points three which we have now explained, are simply innumerable. Saving of time and longer, period economy of space in locating, etc., etc., etc. But above all this

IT MAKES CLOTHING CHEAP. Stating the price several degrees below what has heretofore, or could possibly be under the old system. By dispensing with certain clerks no longer needed, it reduces Store Expenses. By putting quality of goods to the test, it enables us to buy goods at figure that credit men know nothing about. All of these 'Why-Ways' lead directly to this

ENTIRE CHANGE OF BASE. Investigation is asked into all we have here put forth. SATURDAY, OCTOBER 3, 1874. Bound for the Fall Trade, and by all experience in trade, and all our knowledge of human nature, we are led to anticipate that Marvellous and Unprecedented Increase of Business for which we are well prepared. Our warehouses, comprising 37 spacious rooms, are stocked to the full, our new mills have been turning out large quantities of goods to us as they are now in demand. Foreign fabrics by the ship load, are now on our counters. Our workmen have been employed to make and alter garments. With the improvements already noted, there are also new styles, new colors, new cuts and more careful finishing. Everything possible has been done to meet and gratify the trade, and now LET IT BEGIN. WANAMAKER & BROWN, THE LARGEST CLOTHING HOUSE IN AMERICA. OAK HALL, S. E. corner Sixth & Market Sts., Philadelphia.