

QUALITY AND NEWS.

FAME AND EXCELLENCE ARE DETERMINING FACTORS IN SUCCESSFUL DEVELOPMENT.

One of the Important Functions of High-Class Newspapers.

In presenting interesting phases of scientific and economic problems, high-class newspapers frequently give information of as great value in their advertising columns as in those devoted to the publication of the principal events of the day; and when the fame of a product is extended beyond its natural limits into foreign lands, and a large demand created throughout Great Britain and her colonies and the principal seaports and cities of Europe, Asia and Africa, it becomes a pleasant duty to note the fact and to tell of the points of excellence on which so great a success is based. We refer to the now world-famed laxative remedy, Syrup of Figs, the product of the California Fig Syrup Company. The merits of this well-known excellent laxative were first made known to the world through the medical journals and newspapers of the United States; and is one of the distinct achievements of the press. It is now well known that Syrup of Figs is an ethical proprietary remedy, approved by the most eminent physicians everywhere, because it is simple and effective, yet pleasant to the taste and acceptable to the system, and not only prompt in its beneficial effects, but also wholly free from any unpleasant after-effects. It is frequently referred to as the remedy of the healthy, because it is used by people who enjoy good health and who live well and feel well and are well informed on all subjects generally, including laxatives. In order to get its beneficial effects, it is necessary to get the genuine Syrup of Figs, which is manufactured by the California Fig Syrup Co. only.

Not what other people think, but what I must do is all that concerns me.—Emerson.

Selling Patents. During the past week 413 patents were issued to inventors of the United States, and of this number 103 sold either the whole or part of their inventions before the issue of the patent. Amongst the prominent concerns who bought patents were the following:—

- Aeolian Co., Meriden, Conn.,
- Pope Manufacturing Co., Boston, Mass.,
- Victor Cash Register Co., Chicago, Ill.,
- Stover Bicycle Manufacturing Co., Freeport, Ill.,
- Draper Co., Portland, Me., and Hopedale, Mass.,
- Mergenthaler Linotype Co., of New York,
- Standard Automatic Gas Engine Co., Oil City, Pa.,
- U. S. Automatic Gas Lighting Co., Auburn, Me.,
- Adams & Westlake Co., Chicago, Ill.,
- Parties desiring information as to selling or obtaining patents may obtain the same by addressing Sues & Co., Patent Lawyers & Solicitors, Bee Bldg., Omaha, Neb.

The engine may be built in a day but it takes years to perfect the engineer.

Ask for the Best Reading. Liberal religious literature sent free on application to Mrs. H. D. Reed, 132 N. 28th ave., Omaha, Nebr.

A special to the Minneapolis Times from Winnipeg says: The striking Canadian Pacific machinists and the company have reached an agreement and the men are all at work. The settlement arrived at today is as follows: The union is recognized; journeymen get 25 to 30 cents per hour; minimum wages, according to location, and gang bosses 31 to 35 cents. Overtime for nights and holidays and Sundays is fixed at time and a half, and fifty-five hours to constitute a week's work.

Diagrams prepared by an expert for one of the large life insurance companies to illustrate the comparative longevity of clergymen, farmers, teachers, lawyers and doctors show that 42 out of every 170 ministers of the Gospel reach the age of 70. The farmers come next, their proportion for 70 years of age being 40 out of 170. Next comes the teachers, with 34; the lawyers shows 25; the doctors are last, with only 24 out of 170.

In the town of Rising Sun, Ind., is a man who occupies a unique position. In 1852 a company was formed, under the name of the Rising Sun, Aurora and Lawrenceburg Telegraph company. The line was built and operated by the company, and was sold by the stockholders in 1872 to J. T. Whitlock, of Rising Sun, who has since been both day and night operator, lineman, president, board of directors and general manager.

Anybody who was far-sighted enough to lay in a few pounds of diamonds a year ago can make a handsome profit on them now.

President Loubert has signed the pardon of Emile Arton, who, in November, 1896, was sentenced to eight years' imprisonment for complicity with Baron de Reinach and Dr. Cornelius Herz in the frauds on the Panama Canal company.

M. Collier, writer of leading articles for the Dreyfusard organ, *Aurore*, fought a duel with the son of General Mercier, formerly minister of war. M. Mercier was pinked in the chest, and is not thought to be seriously hurt.

The greatest motive forces are the ones that cannot be moved.

FARM AND GARDEN.

MATTERS OF INTEREST TO AGRICULTURISTS.

Some Up-to-Date Hints About Cultivation of the Soil and Yields Thereof—Horticulture, Viticulture and Floriculture.

Rattlebox. The Latin name of this weed is *Crotalaria sagittalis*. It is popularly known as Rattleweed and wild pea. A government bulletin has this to say of it: It is a hairy annual three to eighteen inches high, with simple undivided leaves one to two inches long and small yellow pea-like flowers appearing in July. The seed pods are about an inch long when mature and are nearly black. They are much inclined.



—Rattlebox (*Crotalaria sagittalis*) a. whole plant; b. cross section of seed pod—both one-third natural size.

lated, and, as the walls are stiff and thin and very resonant, they make excellent miniature rattles when the seeds have become detached from their fastenings inside the pod. The rattlebox is native in low sandy soils from the Atlantic westward to Minnesota and eastern Kansas. It is also found in New Mexico. It is common in Connecticut, New Jersey and North Carolina, and in some years is very abundant in bottom lands along the valley of the Missouri, in South Dakota and Iowa.

The poisonous constituent is unknown, but it resides both in the leaves and in the seeds. Horses, and sometimes cattle, are killed by eating grass mixed with the plant. They are not poisoned so often by eating the plant in the fields. Public attention was first called to the poisonous nature of the rattlebox by Dr. Stalker of Iowa, who, in 1884, while investigating the cause of "bottom disease," then prevalent among horses in Iowa, was led to believe that it was mostly if not altogether, attributable to this plant. Experiments were made that proved the supposition to be correct.

The percentage of rattlebox in meadow hay will be much reduced if the fields are burned over when the seeds mature the preceding summer. The growth of perennial grasses will not be materially affected thereby.

Keeping Squashes in Winter. From Farmers' Review: It is a common complaint of people who grow squashes for winter consumption that the fruits will not keep for any length of time after removal from the field to the vegetable cellar. Sometimes this trouble may be in the choice of varieties, but this seems to be seldom the case, since even the old reliable Hubbard is complained of as much as the rest. Generally the fault rests with the grower, who, busy with other details, allows his "hardy" vegetables to lie in the field long after they should be in the cellar; grumbling, when he does remove them, because these unwieldy things must be left "until it's 'most too cold to work outdoors." From our experience and observation we think it safe to say that a frost that will kill a melon, pumpkin or squash vine will also have some harmful effect upon the fruit it bears, particularly if the squashes or melons or pumpkins are not fully ripe. At any rate we find that these fruits when removed from the vine to the cellar before a vine-killing frost has touched them will keep better than those allowed to remain after the plants have been killed. In many cases immature specimens, if not too young, and if gathered before the frost, will keep better than ripe ones gathered afterward.

We have found that gathering all the fruits at one time and sorting them according to their stage of ripeness is the best plan. The fully ripe ones are stored at once; the immature ones laid together in a sunny place where they can be covered at night and exposed during the day. They are allowed to remain here until the approach of severe weather, when they are taken to the cellar. Here we put them in the warmest place, provided it be dry, and allow them to continue ripening. Our home supply, principally immature specimens, is stored around the furnace, a bricked-up affair that is not very warm at any time, but is warmer than the rest of the cellar. We use the ripest first and thus prolong the season. Of course there is such a thing as gathering these fruits too young. In such cases they will rot in spite of anything. If the rind be soft there will be no use trying to ripen the squash, but the grower will know at

just what point he may pick with reasonable prospects of success in ripening. This stage varies to some extent with the different varieties.

M. G. KAINS.

The Roadster.

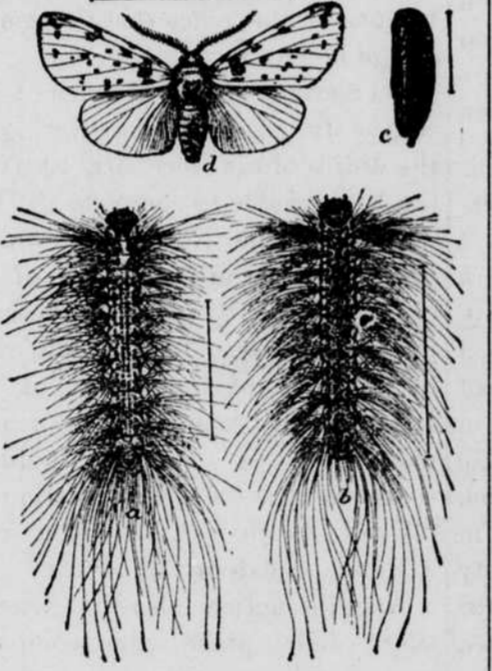
An authority on horses thus describes the roadster:

A typical roadster should stand from fifteen to sixteen hands high, weigh close about 1,100 pounds, be sound and straight in every way, have a good, solid color, a level head, bold and resolute, capable and willing to road twelve miles an hour or 100 miles in ten hours, and when put upon his speed will show a 2:30 gait or thereabouts. He should not only be able but willing to do whatever is asked of him, and this without resort to spur, boot or whip. Such an animal, moving along without paddling or straddling, is in great demand, provided he has been properly educated and abounds in nervous energy. Form, size, color, symmetry and substance are essentials in the make-up of a typical roadster, but they do not always insure the road horse. To these must be added a certain individuality that is always the result of intelligent breeding. It manifests itself in what we term nervous energy, the inherited ability to get up and get there. It is true that no class of horses are so difficult to breed up to a high standard of excellence as the roadster. We cannot produce him from animals that have only individual merit to recommend them. They must be descendants of families noted for their extraordinary qualifications along this line. To breed the draft horse, size and soundness are the main points to be taken into consideration; in breeding the race horse everything is sacrificed for speed; but in producing the roadster we must look well to every point of excellence that is to be found in the make-up of all other classes of good horses.

The Fall Web-Worm.

The Latin name of this worm is *Hyphantria cunea*. The Colorado Experiment Station gives the following description of this insect: This is a yellowish or brownish caterpillar with a black head, that forms a large loose web or tent in a great variety of trees, beginning to appear about the first of July and continuing through the summer. The larvae are rather sparsely covered with long hairs that are whitish or yellowish in color, with occasional black ones for variety. This insect is readily distinguished from the Tent caterpillar in habits, as the larvae of the Fall web-worm form a very loose tent with which they inclose the leaves upon which they feed, and they do not appear until the Tent caterpillars have nearly or quite disappeared. In the illustration "a" and "b" are full-grown larvae showing light and dark forms: "c" is the chrysalis; "d" is the moth, showing dark spots. All are some enlarged. The lines show the actual length. Usually the moths are entirely white.

Remedies.—If the webs are noticed when small they should be cut out and the larvae destroyed. If the web has become large, enclosing many branches of the tree, it may be better to burn out the web with a torch. Where there is no danger of poisoning fruit, Paris green may be sprayed



or dusted upon the foliage immediately surrounding the web. These leaves will soon be enclosed for food and the worms eating them will die.

Arsenical Poisoning of Potato Leaves.—In many sections where Paris green in water is applied to potatoes injuries are produced which can not be distinguished from early blight by any ordinary examination. It frequently happens, therefore, that farmers are led to believe that their potatoes are affected with early blight and other diseases when the trouble has been brought on by themselves through the improper use of Paris green. Injuries resulting from the use of this substance are very apt to occur where flea beetles have eaten the foliage. The arsenic attacks the tissues at such points, and as a result more or less circular brown spots are produced, having for their centers the holes eaten out by the flea beetles.

Green Bone and Animal Meal.—Experiments that have been made show very conclusively that the cheapest and best foods are those that induce the hens to lay, and that reduced bone and animal meal are more valuable considering the results therefrom than has been supposed, although such foods have ranked high as egg-producing materials. As less than one-third the quantity of animal meal is required compared with corn, the cost is even less than for corn, with the difference that corn is not sufficient, while animal meal is more complete.—Ex.

H. R. Bostwick, who has been having trouble with the natives in introducing electric cars in Korea, is a San Franciscan. He says the trouble began through his allowing women to ride on street cars, a step toward women's rights theretofore unknown and hence much opposed in that country.

Sand stored in a large tank, from which it can be sifted automatically into any or all parts of the building, in such a manner as to smother a fire effectively, is a new idea to be used in a new telephone company's exchange at Indianapolis, Ind.

A Remarkable Career. Jno. M. Smyth, head of the great house of Jno. M. Smyth Co., of Chicago, commenced life in a very humble way, but by dint of hard work and great business ability has built up the largest concern of its kind in the world. His name is a synonym for honesty and fair dealing. The great guitar bargain shown in another column of this paper should be of interest to those who are musically inclined, and their mammoth catalogue of everything to eat, wear or use should be in the hands of everyone.

The Berlin Neuste Nachrichten declares that the colonial council has adopted a resolution declaring it compatible with German colonial interests to abandon Samoa in return for sufficient indemnification. The National Zeitung, which confirms the statement of the Neuste Nachrichten, says: "This, however, is not the view of the imperial government, whose policy is directed now, as hitherto, to acquiring at least Upotu Island."

\$24.00 Per Week Salary. We pay \$24 per week for a man with a rig to introduce our goods in the country. Write for terms. Kansas Food Co., Dept. C, Kansas City, Mo.

The cheerful live longest in years, and afterward in our regards.—Bovee. The same fire that makes the dross evident, purges the gold.

MRS. PINKHAM says that irritability indicates disease. Women who are nervous and snappish are to be pitied. Their homes are uncomfortable; their dispositions grow constantly worse. Such women need the counsel and treatment of a woman who understands the peculiar troubles of her sex.

EVERY-DAY TALKS WITH WOMEN

your Vegetable Compound has done for me. It has helped me more than anything else. I suffered for a long time with nervousness, pains in back and limbs and falling of the womb; also had neuralgia in my head and could not sleep. I told my husband that something must be done, for I was nearly frantic with pain. Having read of the wonderful cures Lydia E. Pinkham's Vegetable Compound had performed, I determined to try it. I have taken it and am happy to say I am cured. I recommend it to all my friends and never tire of telling the benefit I have derived from its use. I have you alone to thank for my recovery."

MRS. ELLEN FLANAGAN, 1810 Mountain St., Philadelphia, Pa., writes: "DEAR MRS. PINKHAM—Three years ago I was a sufferer from chronic dyspepsia, was irritable and cross, and can say that after taking seven bottles of Lydia E. Pinkham's Vegetable Compound was entirely cured. I take great pleasure in writing this to you and would be pleased to be interviewed by any one who is afflicted with that distressing complaint. I am very grateful to you."

The centenary of Count Von Moltke will be celebrated on October 28, 1900, the 100th anniversary of his birth. Apropos of the vent two young artists have received commissions to paint two frescoes at Kreisau castle, the residence of the Moltke family. One will represent the entrance of the French troops in Lubek on November 8, 1806, which was witnessed by the 6-year-old Moltke; the other the entrance of the Prussian troops into Paris in 1871.

No man ever thinks he has attained his proper position in the world until he is able to look down on somebody.

Baltimore, Oct. 21.—Should the present rate of increase in the net earnings of the Baltimore & Ohio railroad continue, almost the entire interest charges and the rentals for the fiscal year ending June 30, 1900, will have been earned by Dec. 31, 1899. This was foreshadowed today when the net earnings for September were made public. The estimated gross receipts were \$2,804,293, the largest for one month in the history of the company and an increase of \$216,597 over September, 1898. The net earnings for September, 1899, were also a record breaker, being \$1,030,493, an increase of \$271,804 over September, 1898. The net earnings for the first three months of the fiscal year—July, August, and September—aggregate \$3,042,759, an increase of \$1,174,668 over the same months in 1898.—J. H. Maddy.

Dime contributions in the last ten years have built a million dollar Roman Catholic cathedral in Elizabeth, N. J. It will be dedicated, it is expected on the 6th or 12th of November next, and the chimes, it is intended, shall ring for the first time on New Year's eve, to usher in the year 1900.

We cannot count it death to falter, not to die.—Simonides. Conduct is three-fourths of life.—Matthew Arnold.

"A remarkable old gentleman," says the Indianapolis Sentinel, "was a guest at the Occidental hotel yesterday—Mr. Robert Watts, of Connersville. He is 78 years old and one of Fayette county's oldest and most respected citizens. In all, forty-seven state fairs have been held, and Mr. Watts has attended forty-six of them. This undoubtedly beats all other records. He is hale and active and has never been ill in his life with the exception of a slight indisposition from the grip last winter."

The truest wisdom is a resolute determination.—Napoleon.

Ayer's Pills

Dizzy? Then your liver isn't acting well. You suffer from biliousness, constipation, Ayer's Pills act directly on the liver. For 60 years the Standard Family Pill. Small doses cure. 25c. All druggists.

Want your moustache or beard a beautiful brown or rich black? Then use the **BUCKINGHAM'S DYE** for Whiskers. 50c. One of Druggists, 100 N. 7th St., St. Paul, Minn.

Rider Haggard's "The" no doubt attracted attention in part by the odd brevity of its title—more of a novelty than than now. An English woman novelist has just established a new record by publishing a story with the title "I."

I know that my life was saved by Pisco's Cure for Consumption.—John A. Miller, Au Sable, Michigan, April 21, 1896.

God never rises but one moment at a time, and does not give a second until he withdraws the first.—Fenelon.

Knowledge is what I love; and the men who dwell in towns are my teachers, not trees and landscapes.—Socrates.

Things don't turn up in this world until somebody turns them up.—Garfield.

W. L. DOUGLAS \$3 & \$3.50 SHOES UNION MADE. Worth \$4 to \$6 compared with other makes.

W. L. DOUGLAS SHOES AND CIVIL WAR. Sold by all dealers. ALL LEATHERS. ALL STYLES. THE GENUINE W. L. DOUGLAS name and price stamped on bottom. Take no substitute offered to be as good. Largest makers of \$3 and \$3.50 shoes in the world. Your shoes should be made by them—if not, we will send you a pair on receipt of price. State kind of leather, size and width, plain or cap toe. Catalogue A Free. W. L. DOUGLAS SHOE CO., Brockton, Mass.

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LADY OR MAN wanted to travel and appoint agents. \$400 per month salary. Write to ZIEGLER CO., 718 Monon Bldg. Chicago.

Free to Ladies Letter and particulars regarding "Practical Device" for lady should be without. Confidential. Enclose stamp. Lady agents wanted. Eureka Appliance Co., Equitable Building, Baltimore, Md.

TOWER'S FISH BRAND POMMEL SLICKER

The Best Saddle Coat.

Keeps both rider and saddle perfectly dry in the hardest storms. Substitutes will disappoint. Ask for Tower's Fish Brand Pommel Slicker—it is entirely new. If not for sale in your town, write for catalogue to A. J. TOWER, Boston, Mass.

CASCARETS PLEASE TRY

REGULATE THE LIVER

DR. ARNOLD'S COUGH KILLER

CURES COUGHS AND COLDS. PREVENTS CONSUMPTION. All Druggists, 25c.

CARTER'S INK

Makes millions think.

Thompson's Eye Water.

JOHN M. SMYTH CO.

MAMMOTH MAIL ORDER HOUSE

150 TO 166 WEST MADISON ST. CHICAGO

5,000 GUITARS AT \$2.65

THIS ELEGANT GUITAR FOR \$2.65

No more, no less, than 5,000 of them, probably the largest contract in guitars ever made—an instrument that positively sells from \$3.50 to \$7.00. When this lot is exhausted we cannot duplicate this offer. Quantity talks. Only by operating on such a big scale, together with our well-known small profit policy, could such an offering be possible. Another reason for dispensing such a bargain broadcast is the confidence we feel that every guitar sold will win for us a permanent patron and a friend whose recommendation we can count upon. We will forward the guitar to any address. C. O. D., subject to examination upon receipt of 10c. We, however, advise that cash in full be sent, as that saves return charges for money and we stand perfectly ready to refund money if the guitar is not all and more than we claim for it. Remember our special price on 5,000 of them only is \$2.65.

This Guitar is made of the finest imitation mahogany with either solid rosewood or walnut finger-board, pearl inlaid position dots and German silver raised frets it has fancy inlay around sound hole and best quality American patent heads the top of Guitar is beautifully bound with celluloid; it is strung with a full set of best quality steel springs and is ready to play upon.

Everything is listed at lowest wholesale prices on receipt of only 10c to partly pay postage or expressage and as evidence of good faith the 10c is allowed on first purchase amounting to \$1.00 or above. OUR MONTHLY GROCERY PRICE LIST FREE.

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ONE OF THE GRANDEST OFFERS EVER MADE. The first five persons procuring the Endless Chain Starch Book from their grocer, will each obtain one large 10c. package of "RED CROSS" Starch, one large 10c. package of "HUBINGER'S BEST" Starch, two Shakespeare panels printed in twelve beautiful colors, as natural as life, or one Twentieth Century Girl Calendar, the finest of its kind ever printed, all absolutely free. All others procuring the Endless Chain Starch Book will obtain from their grocer two large 10c. packages of starch for 5c. and the beautiful premiums which are being given away. This offer is only made for a short time to further introduce the famous "RED CROSS" Starch, and the celebrated "HUBINGER'S BEST" cold water Starch. Ask your grocer for this starch.