

**500,000 FAMILIES**

**RELY ON PE-RU-NA**

W. E. H. Williams, publisher of The Farmers' Industrial Union, in a recent letter to Dr. Hartman says: "I have used Pe-Ru-na as a family medicine for several years. I find it of special use for myself. I have had several tedious spells with systemic catarrh and before using Pe-Ru-na I had tried several



Mr. W. E. H. Williams, Columbus, O. other remedies with little or no success. But in Pe-Ru-na I found a prompt and sure cure. I always keep the remedy which promptly relieves any attack of the same malady. "My wife also uses Pe-Ru-na. She finds it of special use for severe spells, to which she is subject. We always keep it in the house as a family medicine. We think it an excellent remedy for the various ills to which children are subject, especially climatic diseases. Address Dr. Hartman, Columbus, Ohio, for a free book on family medicine.

**A Peep Into the Future.**

The two weary American travelers approached each other from different points of the compass. Neither had the faintest notion where he was. "Bon jour, j'ai un enchantant de vous voir," said the first. "Ow do you do, sare?" was the reply. "Voo parlay Onglais see bang que jer wee sure vooos ait Frongsy."

"You speak the French so much good, you are English, mister."

And both were right! They had sat down and complimented each other upon the great advantage they had derived from coming to an understanding about the Hinterland—London Punch.

**What "Kalsomines" Are.**

"Kalsomines" are cheap temporary preparations manufactured from chalks, clays, whiting, etc., and are stuck on the wall with degrading animal glue. They bear no comparison with Alabastine, which is a cement that goes through a process of setting, and hardens with age. Consumers, in buying Alabastine, should see that the goods are in packages and properly labeled. Nothing else is "just as good" as Alabastine. The claims of new imitations are absurd on their face. They cannot offer the test of time for durability.

**A Wonderful New Violet.**

Signor Emilio Borgiotti, an enthusiastic lover of flowers, near Pistoja, Italy, has succeeded in producing a new species of violet six centimeters in diameter and having from seventy to one hundred petals. He has presented one of his precious violets to Queen Margherita and to the Duchess of Aosta, as well as to many women of the aristocracy, but in spite of the entreaties of many florists, he still refuses to place them on the market or to reveal the cross by which he has obtained this marvelously beautiful flower.

**PATENTS.**

**List of Patents Issued Last Week to Northwestern Inventors**

John T. Farrar, Rapid City, S. D., tire for wheels; Fred C. Genge, Minneapolis, Minn., combined sofa bed; August J. Heine, Wahpeton, N. D., band cutter and feeder; Walter C. Cunningham, St. Paul, Minn., tobacco pipe member (design); Halvor K. Solberg, Clarkfield, Minn., medal of similar article (design); Charles F. Whaley, St. Paul, Minn., bicycle stirrup upper (design); Merwin, Lathrop & Johnson, Patent Attorneys, 310 Pioneer Press Bldg., St. Paul.

**Another Resemblance.**

"You disgusting creature!" exclaimed the pink-and-white young woman, who met him at the door. "You are as repulsive as a cabbage worm!" "Yes'm," replied Tufford Knutt, who was on his journey westward. "An' I'm a good deal like a cabbage worm, b'sides. I'm eatin' my way into the interior, ma'am."—Chicago Tribune.

**Do Your Feet Ache and Burn?**

Shake into your shoes, Allen's Foot-Ease, a powder for the feet. It makes tight or New Shoes feel Easy. Cures Corns, Bunions, Swollen, Hot and Sweating Feet. At all Drugists and Shoe Stores, 25c. Sample sent FREE. Address Allen S. Olmsted, LeRoy, N. Y.

**Charges Accordingly.**

Tommy Jones—Don't yer hate to take ol' nasty medicine? Bobby Brown—I makes by it. The master it is the more pennies I get for takin' it.—Ohio State Journal.

**Not Wholly Disinterested.**

"How carefully your wife does watch your health." "Yes; she knows that if I get up a big doctor's bill she won't get a summer trip."—Chicago Record.

**Never Labored.**

First Tramp—They say pore old Bill is dyin'. "Is breathin' is labored." Second Tramp—Then 'e's done for. Bill could never live if any part of 'im was laborin'.—Judy.

**Beware of Fraud.**

Every success breeds imitators and counterfeiters. Look out for substitutes when you ask for Cascarets Candy Cathartic. All drugists, 50c. 25c. 50c.

If you go one mile on the wrong road you are two miles further from your destination.

The coat oftentimes proclaims the man's indebtedness to his tailor.

Raceball should be played on the square as well as on the diamond.

**SCIENTIFIC TOPICS**

**CURRENT NOTES OF DISCOVERY AND INVENTION.**

**What the White Man's Burden Really Means—Cab Taximeters Among the Latest Inventions—Shaving by Machinery.**

**The "White Man's Burden."**

The London Times says: In an interesting statistical article in the American Review of Reviews, Dr. Dorchester endeavors to set forth in square miles and population the dimensions of the burden of the White Man. His article may be recommended to those who assume that this burden is of recent growth, and can be prevented from increasing. Estimated in area, it had already in 1800 reached the fair total of 2,266,881 square miles. In the next eighty years 8,226,632 square miles were added to the possessions of the seven great colonial powers. Since 1880, Germany and the United States have become the possessors of colonies. It is a significant fact that of the six powers which are still acquiring colonies, four should have possessed extended colonial possessions at the beginning of the present century. Dr. Dorchester points out that of the 52,000,000 square miles of the whole world, 22,288,152 are held in a colonial or protectorate form, and that all this territory has been acquired by Christian governments since 1500, and the greater part since 1600. Expressed statistically, the "White Man's Burden" may be put down at 22,288,152 square miles, or 42 per cent of the total area of the earth's surface, and 447,296,859 inhabitants, or 32 per cent of its population.

Within the last eighteen years 8,670,120 square miles have been added to the colonial empires of the great colonizing powers. This total, which does not include Egypt or the Soudan, is made up as follows:

	Square miles.
Great Britain	3,987,312
France	2,955,563
Germany	1,020,070
Russia	265,381
United States	160,601
Netherlands	123,677
Portugal	96,605
Spain	79,911

Even Spain, in spite of the loss of her best colonies, has increased the colonial area she governed in 1880. Denmark alone among the old colonial powers has not added more territory to her over-sea possession during the present century. It is interesting to note that the total colonial area is 7.7 times larger than the total areas of the home governments. In the case of Great Britain it is 75 times more than her local home area; in that of France nearly 18, Portugal 22, the Netherlands 65, Germany 5, and Russia 3 times as large as their home area.

**Cab "Taximeters."**

London has at last risen against the cabby. A machine lately invented will register every circumstance in connection with a ride in a cab, and so universal is the cry for these, and so pointed the manner in which cabs that have them are patronized in preference to cabs that have not, that the owners and managers of the various cab systems are speedily putting them in. The machine, which is known as the taximeter, registers when you get in whether you have a valise or not; directs your attention to the fact that you have ridden a mile by the loud ring on a bell, and at every half mile thereafter. If you wait in front of a store the charge is just the same, as a device under the control of the driver shifts the regulator from the wheel to a clock. On lighting for the last time a spring is touched to show up on a card the amount of your fee. The drivers of the company which put the machines in first wear a distinguishing badge, and are doing all the business. They are well and regularly paid, in consequence of which they are

**To Save Sinking Ships.**

Among the inventions which had a practical trial during the recent Spanish-American war was a French device for stopping shot holes, called the Colomes stopper. One of these was employed to close a rent made by a shell in the United States battleship Iowa. The hole was about a foot above the water line. As soon as the stopper was inserted the inflow of water, which had begun to flood the deck, ceased. The stopper consists of a rod having at one end an iron plate, pivoted at the center so that it can be folded backward along the rod. To stop a leak, the rod carrying the plate is first thrust outward through the hole; then a turn of the rod causes the plate, which is weighted at one end, to become parallel to the side of the ship, and in this position it is drawn back by the rod so as more or less completely to cover the hole. Next a cellulose cushion is placed upon the rod, and by the aid of a nut forced tightly against the inner side of the ship over the hole, so as entirely to stop the leak. Stoppers of various sizes are carried, to suit the size of the hole that may have to be dealt with.

**Aluminum Coins.**

It is reported that experiments have been carried on at the United States mint in Philadelphia for nearly a year with a view of ascertaining the fitness of aluminum for minor coins. Some ten thousand blanks of the size of the nickel five-cent piece have been delivered at the mint for this purpose. It may be mentioned that congress some time ago appointed a commission of experts to investigate and report upon this subject, and the experiments above referred to are being carried on under the direction of its members.—Journal of the Franklin Institute

exactly alike in every detail. Hence when a number are played together they sound like only one record, and with a loudness proportionate to their number. Mr. Berliner has named his new invention the multiphone, the experimental machine which he has constructed being a sextuplex multiphone, that is, one in which six records are played simultaneously.

It has long been known that the carrying power of the ordinary gramophone is most astonishing. It fills a hall the size of the Metropolitan Opera House, in New York, and on the water, on a quiet evening, it has been heard over two miles. Multiply these effects by six, and you have the performance of a sextuplex gramophone.

**Shaving by Machinery.**

What a luxury it would be to have oneself without doing the shaving! Such an ideal must have seemed wishful in the realization to the British of a century and a half ago. Among the specious prospectuses lying on their breakfast table one day they found a document containing "proposals" to fit up a piece of machinery which would shave sixty men in an hour, and comb and powder their wigs into the bargain. Each subscriber to this wholesale shaving machine was to pay a guinea a year, in exchange for which he was to receive a copper ticket, which would secure him as many shaves in a twelvemonth as the most ardent lover of a "clean face" could desire. Then there was to be a new engine set up for every 500 subscribers, the locality of which was to be decided by the first 200 to give in their



names. To inspire confidence in the scheme, there was published the accompanying plates. The process was to be very simple. You merely placed your face against one of the circular plates in the side of the wall, and the razors which whirled rapidly past the narrow openings were warranted to finish off their work in sixty seconds.

**Species of Plants Known.**

A comparison of the number of species of plants known to the various learned men, who have lived during the past 2,000 years, and whose names are more or less familiar to us, shows, says Prof. F. H. Knowlton in the Plant World, how marvelously our knowledge of plants has been increased. Thus Hippocrates, called the "Father of Medicine," who lived between 500-400 B. C., knew only 234 species or kinds of plants. Theophrastus, 371-225 B. C., who was perhaps the first real botanist whose name has been handed down to us, described about 500 species of plants, which he divided into trees, herbs and shrubs. By Dioscorides (77 A. D.) the number was raised to 600 species, and by Pliny (23-75 A. D.) to 800 species. During the ensuing 1,500 years and more, comparatively little work was accomplished. Ray, who wrote between 1685 and 1704, enumerated and described 18,625 species of plants. The number of plants known to Linnaeus in 1771 was only 8,551 species, less than half the number supposed to have been known to Ray. Persoon in 1807 recognized 20,000 species of flowering plants, while DeCandolle in 1809 recognized 30,000 species. An estimate made about five years ago placed the number of known plants in the world at 173,706, of which the seed plants made up about 125,000. Considering the number of new species published every year, it is probable that the number now in the books is not much short of 200,000 species.

**A FORTUNE UNCLAIMED.**

Montana "Noodle" for Which No One Dares to Appear.

A fortune of \$30,000, in thirty bills of the denomination of \$1,000, is in the hands of the state treasurer of Montana, quietly awaiting the arrival of a claimant who can prove his title clear. That is not wealth "beyond the dreams of avarice," but is a greater fortune than the average citizen can hope to possess, no matter how hard he strives. Fifty years ago there were prosperous states not a dozen of whose citizens owned as much as \$30,000. To-day there are millions of prosperous and thrifty farmers and mechanics who are esteemed well-to-do, whose sons and daughters are being liberally educated, but whose entire estates are not worth \$6,000. The citizen who, in the productive period of his life, can lay by \$500 a year is especially favored of fortune. It would require a great many years with his savings safely invested to pile up \$30,000. And yet there are those thirty bills, each good for \$1,000 in gold, lying idle in the custody of the treasurer of Montana, not turned into the public exchequer, because the state does not own them. It not only does not own them, but it has fallen in sundry efforts to find out who is their lawful proprietor. It knows the man from whose hands the money came into its possession, but he says it is not his, and he cannot prove that he got it in the way he says he did. When the long and bitter senatorial fight was on, a few weeks ago, a legislator charged that an attempt had been made to buy his vote and that of two other members for \$10,000 each. This virtuous statement declared that the attempted bribery was in the interest of Clark, the multi-millionaire candidate, who finally carried off the prize, and is senator-elect to the Fifty-sixth congress. Of course, there was an investigation, at which the member produced the \$30,000, declaring that he had taken it in order to entrap the Clark party. One of the other two who were to divide the pile confirmed the statement, but the third gave it a total and emphatic denial. Then the grand jury took a hand in the inquiry, but failed to indict for lack of evidence. And there the matter dropped. But the money was still on hand. Mr. Clark declared that it did not belong and never had belonged to him. Of course he could not receive it. His theory was that his opponent had furnished the \$30,000 to put up a "job" on him. The member who turned in the cash would not take it back without virtually confirming Clark's explanation. The salary of a senator for a full term of six years is \$30,000. The net savings of the average senator for six years are not more than \$5,000. Supposing this money to have come from one of the candidates—and that is an inevitable conclusion—what besides corruption is the significance of the incident? We have seen it pointed out a hundred times as a disgrace to the country, but it is nothing of the kind. It is a scandalous affair, and would brand the guilty party with infamy, if he could be identified, but it does not touch the honor of the nation. It is, however, a tribute to the high character of the United States senate. The wisest and best of our statesmen aspire to a seat in that body, as the goal of an honorable ambition. But men whose only influence is cash crave that honor, and are willing to sacrifice fortunes to attain it.—Washington Post.

**Divers Are Bad Tempered.**

One of the peculiar effects of diving, is that it makes one bad tempered, says a writer in The Outlook. As the irritability passes away as soon as one is drawn up it is only reasonable to suppose that it is caused by the unusual pressure of air inside the dress, that in what particular way it acts I cannot say. My experience and that of other divers whom I have questioned is that the merest trifle may make one furious. There is always something wrong. The lines are held too tight or too slack, or there is too much air in the dress or too little, or the boat is drifting too fast, or shells are not plentiful enough, or the dress is leaking, or the face glass is not clean, and so forth. I have occasionally become so angry at some imaginary trouble that I have given the signal to be pulled up with the express intention of "licking" every one in the boat. As I neared the surface, however, the pressure decreased my fighting spirit would gradually wane, and by the time the face glass was unscrewed I would be so ridiculously good natured as to forget entirely my errand.

**A Newspaper Trust.**

A syndicate has just been formed in London with a capital of £1,000,000 to purchase the Sketch, the Illustrated London News, the English Illustrated Magazine, the Penny Illustrated Paper and the Lady's Pictorial. Shares to the amount of £750,000 will be offered to the public, £375,000 of which will be in common stock paying 5 per cent, at a shilling premium, and £375,000 of 4 per cent bonds. It is believed that the shares will be taken up by the market as readily as those issued by the Newnes, Harmsworth and Pearson syndicates. Unless America has gone mad on the subject of trusts it is not believed by conservative citizens that such a project in this country would be received with favor. However, this is a matter of opinion, and the only way its truth or falsity can be proven would be to make the attempt.—Fourth Estate.

Housewife—"How dare you ask me to feed you, again? Hope—that, ma'am, is a perfeshnal secret."—Detroit Journal.

**WOMEN** are assailed at every turn by troubles peculiar to their sex. Every mysterious ache or pain is a symptom. These distressing sensations will keep on coming unless properly treated.

The history of neglect is written in the worn faces and wasted figures of nine-tenths of our women, every one of whom may receive the invaluable advice of Mrs. Pinkham, without charge, by writing to her at Lynn, Mass.

Miss LULA EVANS, of Parkersburg, Iowa, writes of her recovery as follows: "DEAR MRS. PINKHAM—I had been a constant sufferer for nearly three years. Had inflammation of the womb, leucorrhoea, heart trouble, bearing-down pains, backache, headache, ached all over, and at times could hardly stand on my feet. My heart trouble was so bad that some nights I was compelled to sit up in bed or get up and walk the floor, for it seemed as though I should smother. More than once I have been obliged to have the doctor visit me in the middle of the night. I was also very nervous and fretful. I was utterly discouraged. One day I thought I would write and see if you could do anything for me. I followed your advice and now I feel like a new woman. All those dreadful troubles I have more, and I have found Lydia E. Pinkham's Vegetable Compound and Sanative Wash a sure cure for leucorrhoea. I am very thankful for your good advice and medicine."



E. Pinkham's Vegetable Compound and Sanative Wash a sure cure for leucorrhoea. I am very thankful for your good advice and medicine."

**DEERING POPULARITY.**  
YOU CAN'T KEEP IT IN.  
An old proverb says: "He receives most favors who knows how to return them." This is the secret of the great popularity of Deering grain and grass cutting machinery. The confidence placed in them by the farmers of the world is never misplaced.  
Deering Binders, Reapers, Mowers, Rakes and Corn Harvesters  
return the favor of popularity by steady, reliable, satisfactory work in the harvest. Deering made the first successful application of ball and roller bearings to harvesting machinery, and the decided advantage in lightness of draft held by Deering machines (over all other makes) shows conclusively that there is one right way of doing it—and that there are several wrong ways.  
The Deering way is the common sense way.

**DEERING HARVESTER CO., CHICAGO.**

**FARM LANDS FOR SALE**  
**DO YOU WANT A HOME?**  
**60,000 ACRES OF GOOD IN WASHBURN AND BARRON COUNTIES, WISCONSIN.** to be sold in lots of 5, 10, 20, 40, 80, 160, 320, 640, 1280, 2560, 5120, 10240, 20480, 40960, 81920, 163840, 327680, 655360, 1310720, 2621440, 5242880, 10485760, 20971520, 41943040, 83886080, 167772160, 335544320, 671088640, 1342177280, 2684354560, 5368709120, 10737418240, 21474836480, 42949672960, 85899345920, 171798691840, 343597383680, 687194767360, 1374389534720, 2748779069440, 5497558138880, 10995116277760, 21990232555520, 43980465111040, 87960930222080, 175921860444160, 351843720888320, 703687441776640, 1407374883553280, 2814749767106560, 5629499534213120, 11258999068426240, 22517998136852480, 45035996273704960, 90071992547409920, 180143985094819840, 360287970189639680, 720575940379279360, 1441151880758558720, 2882303761517117440, 5764607523034234880, 11529215046068469760, 23058430092136939520, 46116860184273879040, 92233720368547758080, 184467440737095516160, 368934881474191032320, 737869762948382064640, 1475739525896764129280, 2951479051793528258560, 5902958103587056517120, 11805916207174113034240, 23611832414348226068480, 47223664828696452136960, 94447329657392904273920, 188894659314785808547840, 377789318629571617095680, 755578637259143234191360, 1511157274518286468382720, 3022314549036572936765440, 6044629098073145873530880, 12089258196146291747061760, 24178516392292583494123520, 48357032784585166988247040, 96714065569170333976494080, 193428131138340667952988160, 386856262276681335905976320, 773712524553362671811952640, 1547425049106725343623905280, 3094850098213450687247810560, 6189700196426901374495621120, 12379400392853802748991242240, 24758800785707605497982484480, 49517601571415210995964968960, 99035203142830421991939377920, 198070406285660843983878757760, 396140812571321687967757515520, 792281625142643375935515031040, 1584563250285286751871030062080, 3169126500570573503742060124160, 6338253001141147007484120488320, 12676506002282294014968240976640, 25353012004564588029936481953280, 50706024009129176059872963906560, 101412048018258352119745927813120, 202824096036516704239491855626240, 405648192073033408478983711252480, 811296384146066816957967422504960, 1622592768292133633915934845009920, 3245185536584267267831869690019840, 6490371073168534535663739380039680, 12980742146337069071327478760079360, 25961484292674138142654957520158720, 51922968585348276285309915040317440, 103845937170696552570619830080634880, 20769187434139310514123966016127360, 41538374868278621028247932032254720, 83076749736557242056495864064509440, 166153499473114484112991728129018880, 332306998946228968225983456258037760, 664613997892457936451966912516075520, 1329227995784915872903933840032151040, 2658455991569831745807867680064302080, 5316911983139663491615735360128604160, 10633823966279326983231470720257208320, 21267647932558653966462941440514416640, 42535295865117307932925882880102883280, 8507059173023461586585176576020576560, 170141183460469231731703531520411532120, 3402823669209384634634070630408262440, 6805647338418769269268141260816524880, 1361129467683753853853628252163249760, 2722258935367507707707256504326495360, 5444517870735015415414513008652990720, 10889035741470030830829026017357981440, 21778071482940061661658052034715962880, 43556142965880123323316104069431925760, 87112285931760246646632208138863851520, 174224571863520493293264416277737020480, 34844914372704098658652883255547404160, 69689828745408197317305766511094808320, 13937965749081639463461153222219616640, 27875931498163278926922306444439233280, 55751862996326557853844612888878466560, 11150372599265311570768922577775933120, 22300745198530623141537845155551866240, 4460149039706124628307569031110373280, 8920298079412249256615138062220746560, 17840596158824498513230276124441493120, 35681192317648997026460552248882986240, 71362384635297994052921104497765972480, 142724769270595988105842208995539944960, 285449538541191976211684417991079889920, 570899077082383952423368835982159779840, 1141798154164767904846737671964319559680, 2283596308329535809693475343928639119360, 456719261665907161938695068785727823840, 913438523331814323877390137571455647680, 182687704666362864775478027514291135360, 365375409332725729550956055028582270720, 730750818665451459101912110057164541440, 146150163733090291820382422011432882880, 292300327466180583640764844022865765760, 584600654932361167281529688045731531520, 1169201309864722334563059376091463063040, 2338402619729444669126118752182926262080, 4676805239458889338252237504365852524160, 9353610478917778676504475008731705048320, 1870722095783555735300895001746401009