

**OLD DUTCH CLEANSER**  
CHASES DIRT  
Makes Everything "Spick and Span."

**Boraxo Soap Powder**  
For Toilet, Bath and Nursery, per Can, 25 Cents

SOLE AGENTS FOR BAKERS BARRINGTON STEEL CUT COFFEE

**A. V. ALLEN**

**Sleep Like a Top**  
Don't lie awake with the remedy at your elbow. To banish wakefulness, nervous starts, bad dreams—to sleep soundly and waken refreshed—take

**Beecham's Pills**  
Sold Everywhere. In boxes 10c. and 25c.

**MANY NEW PROJECTS.**  
Santa Fe Company is improving and Shortening Line in Arizona.

SAN FRANCISCO, Sept. 18.—Under the expansive policy of President Ripley the Santa Fe has begun to forge ahead with its many new projects and is now trying to improve the main line.

The route in Arizona is the center of attraction. The company has under process of construction a cutoff from Daggett on the main line to Wickenburg. The line is commonly known as the California & Arizona road, but is known to be under the control of the Santa Fe. When this line is completed many miles will be saved and the service will be greatly improved.

The Santa Fe is also considering the construction of a line from Silver City, N. M., to Winkelman, Ari. This will give the trains on the main line of the Santa Fe an opportunity to go around some of the worst tunnels and grades on the road and would not make any material difference in the mileage. By so doing it would pave the way for a through route over the Santa Fe to Galveston.

**M. K. & T. PAINT SHOP BURNS.**

SEDALIA, Mo., Sept. 18.—The paint shop of the Missouri, Kansas & Texas Railway burned early today. The loss is estimated at \$100,000.

**DEYERS**  
**GOLDEN WEST**  
SPICES, COFFEE, TEA, BAKING POWDER, FLAVORING EXTRACTS  
Absolute Purity, Finest Flavor, Greatest Strength, Reasonable Prices.  
**CLOSSET & DEYERS**  
PORTLAND, OREGON.

**Billy Boster**  
STEEL BOTTOM SHOE  
THE SHOE WITH A SOLE THAT WON'T WEAR OUT  
MFD. BY THE WASHINGTON SHOE CO., SEATTLE  
JUST SAY Billy Boster TO YOUR SHOEMAN

**S. A. GIMRE**

543 Bond Street, Opposite Fischer Bros.

**BIG TIME AT CONEY.**  
Three Hundred Thousand New Yorkers Visit Pleasure Resort.

NEW YORK, Sept. 18.—It is estimated that 300,000 persons visited Coney Island last night and helped to make the opening night of the Mardi Gras carnival the greatest ever known there. From end to end Surf avenue was streaming with banners and blazing with the lights. Long strings of electric bulbs made a glittering firmament under which the great crowds surged to and fro.

There was a parade with floats and a king and queen were crowned with mediaeval solemnity and ceremony. The merrymaking continued into early morning. Never for a moment did the crowds cease to shower confetti. Good temper prevailed, even though there were some instances of roughness in the horse play. Getting the crowds home was a problem. Thousands had to wait for hours before they could get into cars bound for Brooklyn and Manhattan.

**SCHOOLS OPEN AT THE DALLES.**

THE DALLES, Sept. 18.—The public schools opened here yesterday with the largest attendance for many years. Some changes have been made in the high school department. Professor Whitney of Tillamook, taking the place of Principal Orett. Many members of the high school are not able to enter at the beginning of school on account of being compelled to work in the harvest field and on the fruit ranches.

**WILL GIVE NEW CUP.**

NEW YORK, Sept. 18.—King Edward, the Times states today, will give another yachting cup to American yachtsmen. The cup will be tendered to the Jamestown Exposition and will probably be raced for under such conditions as the Jamestown officials may determine. They are likely to invite foreign yachts to the competition. It is intended at Jamestown to devote three weeks to yachting. The races will be held in Hampton Roads.

**DAIRY INSTITUTE AT LEBANON.**

ALBANY, Or., Sept. 18.—A dairy institute is being held at Lebanon today. Eminent authorities on dairying in attendance are Professor E. H. Harrington, of the University of Wisconsin; State Dairy and Food Commissioner J. W. Bailey, Dr. James Withycombe, director of the Oregon Experimental Station; Professor F. L. Kent, of the Oregon Agricultural College, and Traveling Freight Agent H. A. Hinshaw, of the Southern Pacific.

**ROSEBROOK DISCHARGED.**

NEW YORK, Sept. 18.—Frederick E. Rosebrook, the wholesale produce dealer of Brooklyn, for whom C. E. Botkin of Winfield, Kans., sought with a warrant, charging him with larceny growing out of the trouble in the affairs of the J. P. Braden Produce Co., was discharged in a Brooklyn police court yesterday on the ground that the evidence was insufficient to send him to Kansas. When Mr. Rosebrook left the court he said he was ready to go to Kansas and face the charges.

**BASEBALL PLAYER TO MARRY.**

NEW YORK, Sept. 18.—Announcement was made today of the engagement of Hal Chase, the first baseman of the New York American baseball club, to Miss Nellie Heffernan of Bayonne, N. J. The wedding will take place next April.

Chase is a native of California and makes San Jose his home. He is conspicuous among professional baseball players.

**IN DANGEROUS POSITION.**

HONOLULU, Sept. 18.—The latest advices from the Mongolia say holds 2 and 3 are filled with water and the vessel is in a more dangerous position than was the Manchuria.

**INSECT ENGINEERING**  
FEATS OF THE CARPENTER BEE AND THE TUMBLEBUG.

The Sexton Beetle is an Expert Gravedigger—Wonderful Skill of the Spider and the Great Strain That His Elastic Web Will Bear.

Long before man had thought of the saw the saw fly had used the same tool, made after the same fashion and used in the same way, for the purpose of making slits in the branches of trees so that she might have a secure place to deposit her eggs. The carpenter bee, with only the tools which nature has given her, cuts a round hole, the full diameter of her body, through thick boards and so makes a tunnel by which she can have a safe retreat in which to rear her young. The tumblebug, without derrick or machinery, rolls over large masses of dirt many times her own weight, and the sexton beetle will in a few hours bury beneath the ground the carcass of a comparatively large animal. All these feats require a degree of instinct which in a reasoning creature would be called engineering skill, but none of them is as wonderful as the feats performed by the spider. This extraordinary little animal has the faculty of propelling her threads directly against the wind, and by means of her slender cords she can haul up and suspend bodies which are many times her own weight.

Some years ago a paragraph went the rounds of the papers in which it was said that a spider had suspended an unfortunate mouse, raising it from the ground and leaving it to perish miserably between heaven and earth. Would be philosophers made great fun of the statement and ridiculed it unmercifully. I know not how true it was, but I know that it might have been true.

Some years ago in the village of Havana in the state of New York a spider entangled a milk snake in her threads and actually raised it some distance from the ground, and this, too, in spite of the struggles of the reptile, which was alive.

By what process of engineering did this comparatively small and feeble insect succeed in overcoming and lifting up by mechanical means the mouse or the snake? The solution is easy enough if we only give the question a little thought.

The spider is furnished with one of the most efficient mechanical implements known to engineers—viz, a strong elastic thread. That the thread is strong is well known. Indeed, there are few substances that will support a greater strain than the silk of the silkworm or the spider, careful experiment having shown that for equal sizes the strength of these fibers exceeds that of common iron. But notwithstanding its strength the spider's thread would be useless as a mechanical power if it were not for its elasticity. The spider has no blocks or pulleys, and therefore it cannot cause the thread to divide up and run in different directions, but the elasticity of the thread more than makes up for this and renders possible the lifting of an animal much heavier than a mouse or a snake. This may require a little explanation.

Let us suppose that a child can lift a six pound weight one foot high and do this twenty times a minute. Furnish him with 350 rubber bands, each capable of pulling six pounds through one foot when stretched. Let these bands be attached to a wooden platform on which stands a pair of horses weighing 2,100 pounds, or rather more than a ton. If now the child will go to work and stretch these rubber bands singly, hooking each one up as it is stretched, in less than twenty minutes he will have raised the pair of horses one foot.

We thus see that the elasticity of the rubber bands enables the child to divide the weight of horses into 350 pieces of six pounds each, and, at the rate of a little less than one every three seconds, he lifts all these separate pieces one foot, so that the child easily lifts this enormous weight.

Each spider's thread acts like one of the elastic rubber bands. Let us suppose that the mouse or snake weighed half an ounce and that each thread is capable of supporting a grain and a half. The spider would have to connect the mouse with the point from which it was to be suspended with 150 threads, and if the little quadruped was once swung off his feet he would be powerless. By pulling successively on each thread, and shortening it a little, the mouse or snake might be raised to any height within the capacity of the building or structure in which the work was done. So that to those who have ridiculed the story we may justly say, "There are more things in heaven and earth than are dreamed of in your philosophy."

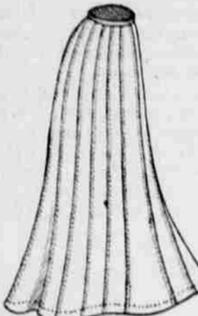
What object the spider could have had in his work I am unable to see. It may have been a dread of the harm which the mouse or snake might work or it may have been the hope that the decaying carcass would attract flies, which would furnish food for the engineer. I can vouch for the truth of the snake story, however, and the object of this article is to explain and render credible a very extraordinary feat of insect engineering.—Folles of Science

**Era of Action.**  
The "era of Action" started during the early days of the Roman empire commemorates the great victory gained by Octavian over the troops of Antony and Cleopatra, Jan. 1, B. C. 30. It was often used among the Romans both in writing and colloquially. Just as in England people speak of events as occurring before or after the conquest, or as persons in this country frequently refer to events as having happened before or after the war.

**FLEISHER'S KNITTING YARNS 28 Cts. SKEIN**

**Simington Dry Goods Co.**

**Greatest Cloak and Walking Skirt Values in Astoria**



We have just received a new lot of walking skirts for fall and winter wear—Every new and attractive style is represented here—The latest novelties in Plaids, Blues, Blacks, Greys and mannish effects—The best skirt from the leading manufacturers—Perfect fitting and we guarantee every garment—ranging in price from \$3.50 to 15.00. In our Cloak Department you will find the best styles in coats and rain coats at prices that will convince you we are entitled to your patronage.

**Children's Plaid Dress Goods**  
21 Cts. Yard

800 YARDS OF NEW PLAID DRESS GOODS for Children's school dresses on sale Monday, Tuesday and Wednesday at a tempting low price. Wool mixed materials. Designs are reproductions of the best \$1.00 values—34 inches wide—15 styles to select from—Very pretty colors and combinations, Monday, Tuesday and Wednesday. Per yard, **21c**

**Supply the Children for School We Can Help You**

MISSES' AND BOYS' HEAVY COTTON RIBBED hose, double soles, sizes 6 to 10 great special value, at this low price.....15c  
Boys' and Girls' Fine Quality Cotton Ribbed Hose An exceptional value .....25c  
Broken lines of Boys' and Children's Cotton Ribbed Hose in sizes from 6 to 10 on sale at this very low price ..... **10c**

**El-Réal**  
tailor made underwear

made in many weights—cotton, lisle, merino, cashmere. The best made "all the year round" underwear ever offered for ladies, misses, children.

**WOMEN'S KNIT UNDERWEAR**  
**69c**

White, Ecrú, and Gray "El Real" Underwear, fine ribbed wool medium weight, neatly trimmed and finished. Special at this low price

**69c**

Sole Agents for **DR. WARNER'S RUST-PROOF CORSETS**

**Remnants of Table Linens**

We have accumulated a lot of remnants in the best quality and patterns of table linens. You will find in this lot remnants in lengths from two to three yards, pieces 60 to 72 inches wide, in the very best qualities of fine satin damask—Greatly reduced for this sale.

MONDAY, TUESDAY AND WEDNESDAY

**FURS**

The best selected line of fur neck pieces in the city is ready for your inspection. Buyers will find prices much lower than you have heretofore paid for the same quality. Select your furs now, while the stock is unbroken and we will lay them away for you for a small deposit.

**Silk Special, 69c**  
FOR MONDAY, TUESDAY AND WEDNESDAY—Nineteen inches wide, all pure silk Taffeta—a silk you can depend upon—Our regular 85 cent value in white, ivory, cream, black and all colors—Special for this sale ..... **69c**

**65c Outing Gowns, 43c**  
LADIES' OUTING GOWNS in a great variety of styles and patterns, made from good outing, braid trimmed at this low price ..... **43c**

**36-inch Wool Dress Goods 15c Yard**  
36-INCH LADIES' CLOTH IN COLORS GRAY, GREEN and oxford—A cloth for which you have been paying 39c to 50c the yard. Special for this sale ..... **15c**

**50c Outing Sacques, 39c**

We are showing an unusually large assortment of Dressing Sacques and Kimonas in Elderdowns; made from the best ripple Elderdown, 98c. to \$3.00.

Our regular 50c outing sacque finished with stitched edges and satin ribbon ties, priced to you Monday **43c** Tuesday, Wednesday,

**Trade With the Simington Dry Goods Company Because We Save You Money**

**CASTORIA**  
For Infants and Children.  
The Kind You Have Always Bought

Bears the Signature of *Dr. J. C. Hart*

A famous Wisconsin woman once said, "All this poor earth needs is just the art of being kind." Won't somebody be kind enough to propose Hollister's Rocky Mountain Tea? It helps to make people kind and well. Tea or tablets, 35 cents.

For sale by Frank Hart.

Bad breath, coated tongue, a languid feeling, is entirely unnatural. Your lazy liver and bowels need a tonic. The best soothing tonic to every organ is Hollister's Rocky Mountain Tea. Tea or Tablets, 35 cents. For sale by Frank Hart.