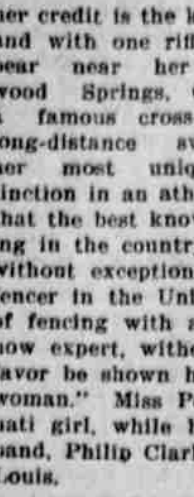


## As the World Revolves

### Woman Fencer to Wed.

Miss Grace Pomeroy, whose engagement to Philip Clark has just been announced, is known as the most expert all-around woman athlete in the United States. At the same time Miss Pomeroy, who is wealthy, is a favorite in New York society. Among the feats which she has to her credit is the killink, single-handed and with one rifle shot, of a grizzly bear near her camp at Glenwood Springs, Colo. She is also a famous cross-country rider and long-distance swimmer. One of her most unique claims to distinction in an athletic way is the fact that the best known teachers of fencing in the country declare her to be, without exception, the best woman fencer in the United States, "capable of fencing with any man, no matter how expert, without expecting that favor be shown her because she is a woman." Miss Pomeroy is a Cincinnati girl, while her prospective husband, Philip Clark, is a native of St. Louis.



### Three to Two Minute Trotters.

Within the memory of living man a three-minute trotter was pretty sure to throw his dust in the face of anything on the road. Then came the period when "2:40 tall over the dashboard" was expressive of the limit of the trotter's speed. Oliver Wendell Holmes, in his poem on "Contentment," remarked that he would be satisfied with a nag that could do 2:40, though a few seconds less would have given him the pole against all rivals. But the real attack of the trotter on time began with Flora Temple's stepping out of the 2:30 class and establishing a record from which the descent has been almost by single seconds or fractions of seconds down to that of Cresceus this year. How the seconds have been clipped off is shown in the following table:

1856—Flora Temple.....	2:24 1/4
1859—Flora Temple.....	2:19 3/4
1865—Dexter.....	2:18 3/4
1866—Dexter.....	2:18
1867—Dexter.....	2:17 3/4
1871—Goldsmith Maid.....	2:17
1873—Goldsmith Maid.....	2:16
1874—Goldsmith Maid.....	2:14
1878—Rarus.....	2:13 3/4
1879—St. Julian.....	2:11 3/4
1880—Maud S.....	2:10 3/4
1881—Maud S.....	2:10 3/4
1884—Jay-Bye-See.....	2:10
1884—Maud S.....	2:09 3/4
1885—Maud S.....	2:08 3/4
1891—Sunol.....	2:08 3/4
1892—Nancy Hanks.....	2:07 3/4
1892—Nancy Hanks.....	2:05 3/4
1892—Nancy Hanks.....	2:04
1894—Alix.....	2:04
1894—Alix.....	2:03 3/4
1900—The Abbot.....	2:03 3/4
1901—Cresceus.....	2:02 3/4
1901—Cresceus.....	2:02 3/4

The most remarkable showing of this table is that which gave to Maud S. her title of "Queen of the Turf," which she held for no less than ten years, the record of Jay-Bye-See not standing long enough to constitute a flaw in it. The present champion of the turf holds not only the record for the fastest time ever made by a trotter, but the fastest heat in a race, the fastest second heat, the fastest two-heat race and the fastest three-heat race. His endurance is as remarkable as his speed.

### Jacket Cost \$300,000.

Miss Fagette, who lately made her debut in Paris, a few days ago re-



FAGETTE JACKET.

ceived a present of a bewitching bolero jacket, which it is said cost 1,500,000 francs, about \$300,000.

It is covered with diamonds and pearls, emeralds and sapphires, rubies and turquoises.

It was placed on exhibition in the window of a jeweler in the Avenue de l'Opera, where it attracted crowds.

### Color and the Brains.

Anthony Overton of Kansas City, Kan., declares that "trusts have helped the negro." Mr. Overton, himself a negro, said this at the final session of the National Negro Business League in Chicago last Friday. He explained that the great combines had prevented fluctuations in prices, with the result that the colored dealer could better know his ground. The combines helped negro manufacturers also by reducing competition and in this connection he declared that the great steel combine had proved a good thing for the negro.

## The Weekly Panorama.

### Descendants of a Hero in Want.

James Lawrence, Commander of the frigate Chesapeake in the war of 1812, won an immortal place in history when, in the fight with the British man-of-war Shannon, he was mortally wounded, and, with his dying breath, cried out: "Don't give up the ship." A splendid monument to Captain Lawrence stands at the entrance to Trinity church in New York.

Meanwhile, three little boys, Clarence, Lester, and Isaac Lawrence, 8, 6, and 4 years old, great-grandsons of the famous sea captain, have been living for more than two years in the St. Barnabas Home, an institution for dependent children on Mulberry street, New York. The boys are half-orphans, their father being dead and their mother at present working as a servant in a New York family.

### Perpetual Motion Machine.

An improved automatic or self-acting gravity wheel is the modest title of an invention by Herbert Rose of Australia, which has recently been patented all over the world, and which, if the claims of its inventor are realized, promises to supersede steam as a motive power.

The invention relates to the construction of a gravity wheel, with concentric rings, secured to arms radiating from the center. These arms or weights act as balance and driving levers and are so nicely arranged—those on the downward grade being two-thirds heavier than those on the upward grade in action—that a natural falling of the weights on the former grade insures perpetual motion.

A cessation of the driving force can only be effected by preventing the weights from falling, and this is done by a very simple contrivance in the form of a spring which acts on all the weights simultaneously. Taking a wheel forty feet in diameter and three feet wide, it is estimated that it will carry 1,950 weights and that the driving power will be equal to 1,443 1/2 tons from the center of the wheel. The



THE MOTOR WHEEL.

cost of construction is about one-sixth the cost of machinery for steam power, and it is also claimed that the new motive power will reduce the working expenses 95 per cent.

The working model has been subjected to continuous tests, as it is apparently capable, like the brooks, of "going on forever," which of course is what is expected of an invention claiming to constitute a solution of the secret of perpetual motion.

### The Young Man's Chances.

A western weekly of national circulation has an interesting symposium in reply to the question, "What are the young man's chances?" The conclusion of the contributors, in which the editor joins, is that "a young man's opportunity in the business world were never more numerous, attractive or conspicuous." The Conservative, however, warns young men against the false notion that success can be attained without hard work, and especially does it warn them against speculation, in which where few succeed thousands fail. The successes are blazoned to the world, the failures are seldom heard of; they are the wrecks that strew the wayside to which small heed is paid in the fierce competition of life.

### A \$10,000 Camera.

A firm of manufacturers of photographic apparatus in London, Eng., have recently completed for the Sultan of Morocco two cameras, one a quarter-plate and the other a half-plate, which hold the record as being the most elaborate and expensive ever manufactured. The half-plate is mounted in silver while the quarter-plate fittings are all solid gold even to the screws and plate holders, the camera itself being enclosed in a dainty case of white Morocco leather. The half plate cost \$290, and the quarter plate no less than \$2,100.

### The "Rage" for Athletics.

President Barrows of Oberlin believes that the "rage" for athletics will be overruled for good; that we'll form the outdoor habit and be the healthier for it. "If I had the ear of the leading business men of America," he says, "I would whisper in it as the wisest counsel I know to men over fifty years of age, 'Golf first and business afterward.' This means longer lived, more successful, happier and better American citizens."

## People and Events

### Exhibits a Mystic Power.

The power to move inanimate objects by sheer force of will is generally discredited by people who have not seen the performance with their own eyes. Viggo Leiche is a Dane 23 years old. He arrived at Alto Paso, Ill., recently from Copenhagen to visit his uncle, C. Jensen, a fruit package manufacturer there.

Leiche had been there only a short time when his weird mental powers began to "astonish the natives." He first performed in a drug store downtown, says a telegram from Alto Paso. His uncle heard of it and scouted the idea of its reality. A few evenings later he repeated his "show" in his uncle's home and completely routed that worthy man's skepticism regarding his power. In performing at his uncle's home he used an iron poker several feet long and quite heavy. Standing it against the wall at an angle of 45 degrees, he seated himself a few feet distant, focused his eyes on the top of the poker and within a few seconds it began trembling, then gradually rose to a perpendicular position. After standing still a moment it moved toward him in short jumps. He can affect any wood or metal object such as umbrellas, canes, etc., in the same way. A short time before going to bed is the only time he can be induced



VIGGO LEICHE.

(Youth Who Moves Inanimate Objects by Will Power.)

to practice his strange power, as it makes him deathly sick unless he can go to sleep a short time afterward.

### Minister Wu on Woman.

Wu Ting-fang, the Chinese minister to Washington, is showing that he is at home in almost any field of oratory. One of his latest efforts was made at a dinner in New York city recently, when he was called upon to respond to "The Ladies." In the course of a short but exceedingly graceful speech he said:

"When I see so many beautiful women confronting me and I am called upon to be the gallant of the moment, what can I say but that I wish for that moment only that I were not a Chinaman. I should like to be an American as I stand here, so that each one of you would appear as beautiful to me as you actually must when seen through your countrymen's eyes. Alas! the slight difference in the formation of my orbs cannot do justice to the impression you make upon me, individually and jointly and severally. But there are some well-nourished figures and forms among you that really appear to be as fine as the best that my own fertile country has produced. And your intelligence and souls, I am told, which are hidden under your intricate fashionable apparel, are more beautiful even than your forms. May you all feel the depth and sincerity of my admiration, and may your youthful looks and honorable years always walk hand in hand."

### Mrs. Keppel to See Races.

Mrs. George Keppel, the noted English society woman and special friend of King Edward, who arrived on the steamship Etruria the other day, came expressly to witness the yacht races. She is a close friend of Sir Thomas



MRS. GEORGE KEPPEL.

(Popular British Society Leader in Attendance at Yacht Races in New York.)

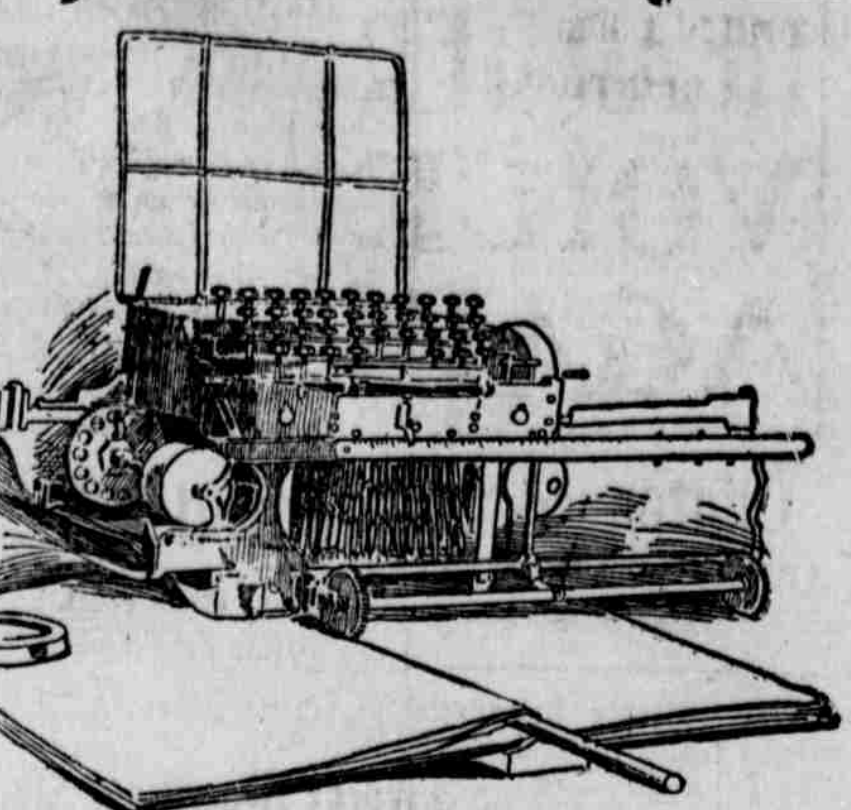
Lipton and, of course, is anxious that he should lift the America's cup.

Mrs. Keppel is a beautiful and accomplished woman who wields great influence in the court of St. James. She is as courageous as she is pretty, as was shown during the recent accident on the royal yacht, when she and the king almost lost their lives by the falling of a mast across the deck. She displayed great coolness and did not faint, as did some of the other women on board.

## BOOKKEEPING MACHINE.

The bookkeeper is on the toboggan slide. The advance in labor-saving machinery has finally reached his sphere and warned him that he must seek other occupation. The latest piece of mechanism to invade the larger cities consists of machines which dispense with bookkeepers in large establishments and perform their labor through the medium of an operator and a typewriter. One of the machines in an ordinary establishment does away with the labor of two men; another dispensing with the labor of eight men.

The first machine, under the direction of an ordinary typewriter, makes out a bill, copies the invoice permanently in a book, and makes a permanent sales sheet copy. The work is all done in typewriting and in permanent books. The second machine makes a sales copy, an original, a duplicate and a triplicate bill of lading, a platform order, a factory shipping order, a bag-room order, a loading order and a car card. Still a third machine, of which Marshall Field has taken thirty, makes one bill a month adding the items day by day, recording the date and salesman's number by a lock arrangement which makes it impossible for the operator to enter a series of items without dating the same and entering the salesman's number, enters all credits in red ink, and carries 1,200 accounts at one time. A Tennessee bank cashier is responsible for the invention of these machines. His name is Fisher, and he lives at Athens. Some years ago, looking through a postoffice window, he noted a clerk cancelling stamps with a hand stamp. He wondered why the same work could not be done by machinery. From that point his thoughts



A BOOKKEEPING TYPEWRITER.

wandered on to the wonder why his own books could not be kept by machinery. He tried to make a bookkeeping machine. A year ago he produced three machines, which are now supplanting bookkeepers in large establishments.

There are undoubtedly some persons in health with whom potatoes do not agree, just as there are those who cannot eat strawberries without distress. This is due to personal idiosyncrasy, and not to the harmful character of the food.

### Robbers in and Out of Jail.

In Chicago, as in several other cities, some good people arrange for occasional meetings in the county jail, at which a speaker discourses to the prisoners on their situation and moralizes for their instruction. It is a pleasant event for the speaker, at any rate, since the audience cannot get away, and the platitudes which propriety demands on such occasions require no thought, but may indeed be culled from any old copy book or volume of moral maxims. Some time ago the committee having this function in charge made a mistake. It asked a man that actually thought to talk. Now a man that actually thinks is rather a dangerous character anywhere, but if he gets into a jail in the present state of society and reflects on what he sees there and then speaks frankly what is in his mind he is apt to say things more pleasing to those inside the walls than to those that put them there. So it was with this Chicago man—Clarence Darrow, a lawyer who has a bit of a reputation for plain speaking. He wasn't particularly complimentary to his audience, for he remarked that if he met some of them on the street he would be pretty apt to get his pocket picked or be held up, but, said he: "When I get outside pretty nearly everybody holds me up."

This rather startling statement he supported by saying that the gas company holds him up by charging a dollar for something worth twenty-five cents. If to escape this highwayman he turns to burning oil Mr. Rockefeller holds him up, "and then uses a certain portion of his money to build universities and support churches which are engaged in telling us how to be good."

Nor are these apollations all. As the instructor in jail ethics truly said: "When I ride on the street car I am held up—I pay five cents for a ride that is worth two and a half cents or three cents, simply because a body of men has bribed the city council and the legislature so that all the rest have to pay tribute to them and cannot help it."



UNCLE SAM INVESTIGATES THE POTATO.

Uncle Sam has been prying into the inner life of the humble potato and after a most thorough and rigid investigation declares in the year book of the Department of Agriculture that the potato is a deserving and extremely valuable member of the community. Just at this time when the country is in the throes of a potato famine, the deductions of Uncle Sam will be of special interest.

Scientific investigation on the part of the government has shown that the practice, which has become so general, of serving potatoes with meat and other similar foods which contain liberal amounts of protein is based upon correct principles, one food supplying the deficiencies of the other. Potatoes and other foods containing carbohydrates are sometimes objected to on the ground that they are starchy foods and do not supply much nitrogenous material. It should be remembered, however, that the potato does contain a by no means inconsiderable amount of protein, and further that carbohydrates are an essential part of a well regulated diet.

The potato called in different regions white potato, Irish potato, English potato, or round potato was first introduced into Europe between 1580 and 1585 by the Spaniards, and afterwards by the English about the time of Raleigh's voyages to Virginia. It is commonly believed to be a native of Chile. Wild potato plants closely resembling those cultivated today are still found there, though it is a fact worthy of mention that, as the potato has been modified by cultivation, it has largely lost the power of producing seeds, and

the cultivated potato differs from the wild in seldom producing seed bearing fruits.

The edible portion of the potato is made up of 78.3 per cent water, 2.2 per cent protein (total nitrogenous matter), 0.1 per cent is made up of crude fiber and materials which in some of their modifications constitute the cell walls of plants and give them a rigid structure. These figures, like others for composition of food materials, represent general averages, from which there are wide variations in individual specimens. Though the skin, cortical layer, and flesh differ somewhat in composition, they all resemble more or less closely that of the whole tuber.

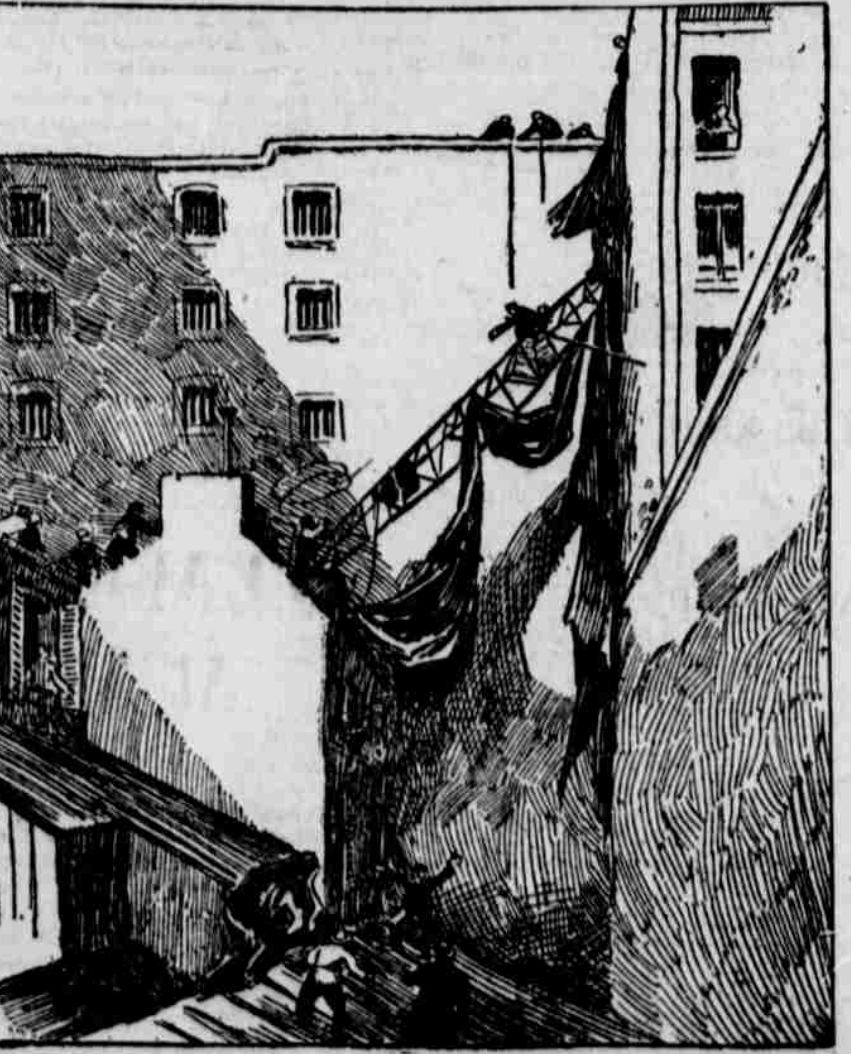
When potatoes are stored they undergo a shrinkage. According to tests made at the Michigan agricultural experiment station, this amounted to 11.5 per cent when they were kept in storage from Sept. 30 to May 1. This shrinkage is probably due to the loss of water by evaporation.

To obtain the highest food value potatoes should not be peeled before cooking. When potatoes are peeled before cooking and placed directly in hot water and boiled rapidly less loss of material is sustained than when they are cooked in water cold at the start. The wholesomeness of potatoes cooked in different ways is largely a matter which each must decide for himself, the general experience being that for men in health most of the methods followed are satisfactory.

Although under ordinary circumstances potatoes are unquestionably a wholesome food for most persons, illness is sometimes caused by eating

## How Santos-Dumont Escaped Death

The illustration printed herewith, sketched by a Paris artist, shows how the intrepid Brazilian aeronaut, M. Santos-Dumont, escaped from death by his airship, "Santos-Dumont V.," being caught between two houses at Passy in falling. M. Santos-Dumont was trying to win with the airship of his own invention the Deutsch prize of \$20,000. He had succeeded in rounding the Eiffel tower with difficulty, but his balloon was then unable to make headway against the strong wind which was blowing, and it fell on one of the new houses near the Trocadero and close to the Seine. Luckily the frame of the car caught in one of the walls, where it remained suspended. But for this, M. Santos-Dumont would probably have been killed. As it was, he was in a most dangerous position for over half an hour, hanging in mid-air in the small wicker basket which forms the car. Here he hung until rescued by some workmen, who climbed over the roofs of the adjoining houses and let down the guide rope, which had fallen on the roof of the building struck by the balloon. Santos-Dumont fastened the rope about his body and was, with some difficulty, hauled up to a place of safety by the workmen.



Several colonies of stingless bees have been discovered in the island of Montserrat, in the West Indies. Efforts are being made to introduce them in this country, as their honey-producing qualities are fully equal to those of the common variety of bee.