

### The Newest Notes of Science

Only about one man in each 208 exceeds six feet in height.

The consumption of coffee in France has about doubled in the last fifty years.

Wood can be hardened and water-proofed by boiling for a few minutes in olive oil.

Spain is credited with supplying more than three-quarters of the world's olive oil.

A cylindrical blotter that can be mounted on the end of a fountain pen has been invented.

One of the bells in a Paris cathedral weighs twenty tons, and its accessories add another ten tons.

A bird house with a removable bottom to enable it to be cleaned is a Michigan man's invention.

Japan obtained more than 2,000,000 horsepower from its streams by nearly 400 hydro-electric plants.

Simple apparatus has been invented for disinfecting school children's pencils with formalin gas.

Carbons for lights and electro-chemical purposes are being made from tar by a new Swedish process.

Adding a few drops of cedar oil to gasoline will lessen the odor of the latter when used for cleaning.

Following recent discoveries of deposits, an American syndicate has opened a manganese mine in Panama.

A cutter which can be kept strung on a ball of twine, ready for use, has been patented by a Maryland inventor.

The government of Uruguay will assume control of all telegraph and telephone services and reorganize and improve them.

A portable but very powerful hydraulic press has been invented for bending large pipes to any desired curve without injury.

An Englishman has developed a method for growing lawn grass on such a foundation that it can be handled as a carpet or rug.

A new motor driven surgical drill is so constructed that it can be thoroughly sterilized without injury in steam or dry heat.

Several German chemists are endeavoring to find economical processes for the recovery of combustible material from coal ashes.

Harness to permit a letter carrier to distribute the weight of a load he is carrying upon both shoulders evenly has been invented.

To increase the volume of sound from a phonograph a Parisian has invented an instrument that will play three records simultaneously.

For use in places where acids in water would quickly corrode metals a pump has been invented that is composed almost entirely of wood.

With a four horsepower engine a motor driven plow of English invention cuts a six-inch furrow at a speed exceeding three miles an hour.

To make a person appear two inches taller is the purpose of metal forms to be slipped in his shoes that a Chicago inventor has patented.

The Australian Government is planning the establishment of a laboratory for the application of scientific research to national industries.

Experiments by the United States public health service resulted in the discovery of a new and inexpensive disinfectant derived from pine oil.

Of Swiss invention is a storage battery electric switching locomotive in which powerful electro-magnets are used instead of couplings for drawing cars.

Official figures show that fogs are more frequent on the coasts of Maine and New Hampshire than on any other portions of the coast of the United States.

To eliminate unnecessary movements a French school of gymnastics takes instantaneous photographs of pupils in action, and thus is able to study their motions.

For vending post cards a coin in the slot machine has been invented

that displays fifteen at a time and can be adjusted to correspond to various changes in prices.

An Englishman has invented a magnifying glass that can be so fastened to tools with which fine work is being done that the lens always is focused on the object.

The inventions of a machine to grind sea sand, ordinarily too smooth to be of use, has enabled great quantities of it to be utilized in brick manufacture in Virginia.

A Polish scientist in the inventor of a motion picture camera which can be carried in the hand and which is operated by compressed air as long as a button is pressed.

The machine invented for stacking lumber in high piles has been improved by the addition of a monitor nozzle to which hose can be connected to fight lumber yard fires.

Above and below the air chamber in a new French automobile tire are sections filled with elastic strips, which come together and support the tire in event of puncture.

A new cabinet for motion picture reels is so arranged that but one reel can be removed at a time and that only when the doors upon all the other compartments are locked.

Unusual compactness and quick steaming qualities are claimed for a new English oil fuel boiler in which hollow concentric cones for the water are set over a huge burner.

A recently invented shock recoil pad to protect the shoulders of gunners is featured by a long air chamber interposed between a hard rubber base and a soft rubber cushion.

A fluorescent microscope invented by an Austrian scientist for use with ultra-violet rays enables the recognition of differences in matter not perceptible by ordinary light.

Some seeds have such hard coverings as to be almost impervious to water, but an Iowa man has invented a machine to scarify them and thus improve their germinating qualities.

A calculator that shows the money values of one country in the terms of several others and applies the values to various weights and measures has been invented by an Englishman.

As a variation on the non-sellable bottle a New York man has invented attachments for ordinary bottles that prevent their contents being poured off if they have been refilled.

A Swiss inventor has developed an aluminum pencil to write on glass or porcelain, producing marks that can be etched with hydrochloric acid or burnished to resemble inlaid silver.

What is believed to be the world's smallest aeroplane has been built by a Californian flying a wing spread of but eighteen feet and being driven by a seven horsepower motorcycle engine.

To enable automobile tourists to carry additional baggage an Englishman has invented a trailer to be attached to the back corners of a car and be supported by a single wheel at its rear.

Electrical apparatus that drops a steel ball several inches has been invented to test the strength of the glass in goggles worn by metal chippers to protect their eyes from flying fragments.

For sending messages from aeroplanes or balloons to the ground a Frenchman has invented a missile to contain papers which, on striking the ground, ignites a colored fire to signal its whereabouts.

In a new oil transmission device for automobiles in which there are no shift gears all speeds from absolute disconnection to the point of direct coupling between motor and driving shaft are possible.

The Mexican foreign office has announced that sufficient time will be allowed for the revindication of patents and trade marks issued by au-



MARGERY MAUDE, (Daughter of Cyril Maude), with George Arliss in "Paganiini," at the Grand on Thursday, March 30th.

thorities in Mexico not recognized by the existing government.

The manufacture of absolutely clear ice without the use of distilled water has been made possible by the invention of a pump to keep the water in circulation without aerating it while it is being frozen.

The famous petroleum springs of Greece, described by a historian four centuries before Christ, are to be exploited by local capitalists after being regarded merely as curiosities for more than 2,500 years.

In a new automobile headlight a small searchlight is mounted in the centre of a large one, diffusing the light from the latter when less illumination is desired, the two being operated together to get the full effect.

A Spanish society for promoting national industries has offered a substantial cash prize for any new invention, process or improvement in electrical or mechanical engineering tending to the progress of the country's industries.

After an exhaustive series of tests a group of Chicago engineers decided that proper fenders on automobiles will reduce the number of persons run over when struck to two per cent, and the number of seriously injured to 25 per cent.

### Plays and Players

Lady Constance Stewart Richardson is dancing at the Alhambra in London, Eng.

Virginia Harshed has written a comedy sketch for herself and will open in a Keith house on April 3rd.

Elsie Janis is going strongly on her vaudeville tour, playing to capacity business in each theatre. The vaudeville powers want to extend her tour and book her for the coming year. Miss Janis will, however, close on May 1st for an extended rest at her home, near Tarrytown, N.Y.

The positive announcement by

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Grand Prize, Panama-California Exposition, San Diego, 1915

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**"There's a Reason"**

England's Oldest Borough.

As Salisbury is well known as Sarum, England's oldest borough, Barnstaple, in Devon, which may have been the Roman name of the town. According to old memorials, "the old name of the town was Abertawe, because it stood towards the mouth of Taw River." The Saxons changed it to Berdenstaple; Barnstaple appears to have been represented in the Witenagemot of Anglo-Saxon Parliament. Thus it is one of the oldest boroughs—if not absolutely the oldest—in the kingdom. Its broadcloth manufacture, once an important industry, has now died out, but there are manufacturers of lace and gloves, large cabinet works, tanneries, and potteries ("Barum ware").

**Revised Opinions.**

Like John Burns, another Labor leader who has had occasion to eat his own words of depreciation of large incomes, is the Hon. Andrew Fisher, who is now coming to London as the new Australian High Commissioner. The post is worth \$15,000 in salary, with as much again or more in allowances. Yet when a Chief Justice of Queensland was appointed at \$17,500, Fisher publicly declared: "When we consider that \$17,500 is more than the average man earns from the time he begins work until the undertaker takes charge of him, it seems too big a sum to pay every year to any man." Andrew began life as a miller in Scotland.

**Whipped a Tramp.**

Mr. Frederick Villiers, the war correspondent who has returned to England to lecture after fifteen months at the front, followed the retreating Germans from the Marne to the Aisne disguised as a tramp. He has twenty campaigns to his credit.

**Walsh Rabbit.**

Cut one or two slices of white bread about a quarter of an inch thick, toast on both sides and butter well. Take half a pound of cheddar cheese, grate it and put it into a small pan with two tablespoonfuls of cream, a teaspoonful of mustard, a dust of pepper, and stir these all together over the fire till the mixture is like cream. Cut the toast into square pieces and place them on a hot dish. Pour the cheese mixture over them and serve at once.

**Club Sandwiches.**

On a slice of bread put a lettuce leaf, next slices of thin crisp bacon, next slices of chicken and mayonnaise; then cover with a slice of bread and toast lightly on either side.

Poverty is no crime—otherwise most of us would be in jail.

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