NEWEST NOTES OF SCIENCE

A bundle of fine glass threads forms a new ink eraser. A factory in Spain is making paper and pulp from esparto grass.

A machine has been invented to wash large quantities of eggs rapidly. Japan has a gold fish farm that has been in centinuous operation Wake Up Feeling Fine! Best Laxa-

A new plane is provided with a shield for the hand to prevent it teing bruised.

Extensive deposits of coal have been discovered in Congo by Belgian engineers.

Within the lid of a new pancake dish are contained a syrup cup and a butter plate.

The Uruguayan congress is considering the establishement of a military aviation school. Recently invented stuffed animals

for children have skins that can be removed and washed. An English inventor's cigarette

holder is equipped with a porous disc to filter the smoke. For restaurant use cups and sauc ers that can be stacked for safe carrying have been designed. Iron ore in found in almost every

Chinese province, but it is mined extensively in only a few. For renovating a lawn at any sea punch holes in the soil.

Ultra-violet rays aid digestion fo ing to a French physician.

produce more food in a week than an acre of land in a year. Armenia has a copper mine that has been operated without interruption since prehistoric times.

Lightness is the chief claim for an aluminum billiard cue that a Nebraska inventor has patented. An electrical process to prevent

boilers corroding and scalding has been invented by an Englishman. To lessen the danger to the lungs from inhaling dust a new rock drill catches all its dust in a bag.

Germans have developed a process for spinning kapok fibres into yarn than can be woven into textiles.

A folding handle, which can carried in a pocket, is intended to be used with a post card to form a fan. The importation of patent medicines containing ingredients detrimental to health is prohibited by

Elcuador. Apparatus to enable a man to cu his own hair or that of other men without instruction is a recent in-

In France nearly 500 acres of land are devoted to raising young trees of peculiar shape for umbrella hand-A device called a detectature has

been invented to permit a man in one room to watch a cash register in an-Experiments with cooling buildings by forcing air through hollow walls

with electric fans are being tried in

A baby carrier to be hung on the back of an automobile seat and which can be folded flat when empty has

More than half of Australia has an annual rainfall of less than fifteen inches and more than one third less than ten inches.

To insure hospital patients having warm meals an electrically heated wagon to hold several food trays has

been invented. India leads oriental countries in the number of its blind, having about 600,000 to China's 500,000 and Jap- it to be grasped properly.

an's 100,000. An inventor has combined an auto being produced back of the lamp and growing in favor in England.

issuing around it. A wooden cup with rubber feet to prevent it slipping has been invented by an Englishman to help one-armed persons to cat eggs.

A steering wheel, adjustable to to replace the handle bars of a bicycle or motorcycle.

is electrifying its railroad system at tion a chemical which gives off a an expense that eventually will ex- fiame quenching gas should it be ig- sure the van did not contain any of

A new tooth brush is cylindrical and is revolved against the teeth by a plunger working through it spirally rubber built up around a frame of

grooved handle. Of German invention is a farm im-



Intraining

Thousands of men suddenly called to undergo the hardships of winter training find the sustaining power of Oxo Cubes invaluable for supporting health and

Oxo Cubes have a body-building power out of all proportion to their bulk. Many a young soldier, wet through, and physically exhausted by hours of marching or other duties, has had cause to bless the invention of Oxo Cubes.

Oxo Cubes are so convenient and handy that they can be carried on the person without adding to the weight of one's equipment. A cup of Oxo or an Oxo Cube sandwich enables one to go for long hours.



YOU'RE BILIOUS! **CLEAN LIVER AND BOWELS TONIGH**

Don't Stay Headachy, Sick, or Ha Bad Breath and Sour

tive for Men, Women and Children.



bowel poison which is keeping your do. Don't stay bilious, sick, headachy, proud possessor of a copy of the constipated and full of cold. Why Kingston British Whig of 1843; don't you get a box of Cascarets from which she purchased at the age of the drug store and eat one or two eleven years, and cherishes it greatson a new sod roller has spokes that tonight and enjoy the nicest, gentlest ly. Since then she has never been liver and bowel cleansing you ever without a copy of the paper, and experienced. You will wake up feel- reads it daily with keen interest. persons with weak stomachs according fit and fine. Cascarets never She was eighty-three years of age on gripe or sicken, like salts, pills and Thursday, Oct. 12th, 1916. Her brocalomel. They act so gently that you hardly realize you have taken a cathartic. Mothers should give cross, sick, bilious or feverish children a whole Cascaret any time-they act thoroughly and are harmless.

> plow, disc harrow and roller in a single trip over a field.

A pneumatic helmet composed of inflatable rubber tubes has been patented for protecting babies' heads from bumps and bruises. By raising the dam which im-

pounds water for Bombay 81/2 feet its capacity was increased 10,800,-000,000 gallons. An electrically operated machine

to nail tops on packing boxes is be moved about a factory. Of English invention for convales-

than a determined distance. forested with larch trees.

beings are born left handed. To enable a man to use a bicycle

while he is firing the gun. To aid in walking upon icy sidewalks an inventor has patented san-

dals made of a non-slipping material the can be clamped upon the shoes. Cuba is expecting to produce more than 3,000,000 tons of sugar this

year, exceeding its best previous production by about 500,000 tons. To aid in teaching penmanship pen holder has been invented on one side of which is a projection to enable

The practice of filtering afr for cooling electrical machinery through water curtains to exclude dust is

Patents have been granted a Maryland inventor for a gasoline cartridge for breaking up farm soil in the same way that dynamite is used: To keep a sleeping child covered a

woman has invented a combination. several positions, has been invented garment and blanket, the former being buttoned about the body of its Non-combustible linoleum invented

> A new automobile tire is composed Bath till the troublesome times were of an elastic composition resembling over.

A Swiss engineer has perfected a process that enables him to make Xray photographs of the interior of concrete masses to inspect their re- GUARD THE CHILDREN

A ratches in the hand of a golf club patented by a Philadelphian enables the head to be placed at any angle or e club used with the right or left hand.

A combination lock to encircle an umbrella and prevent it being opened by a person ignorant of the combina- Own Tablets are mothers' best friend tion has been invented by a London in preventing or banishing colds.

ropes generally begins at the core, sweet. An occasional dose will prewhere the fibres are subjected to vent colds, or if it does come on sudgreater friction against one another denly the prompt use of the Tablets

to drive it at as high speed as its frame will stand Because of the danger from snow slides at the surface of the ground Government, it is learned, on the

Although New Zealand for a long or Bloomersdijk in the Atlantic off time has been known to possess many large iron deposits it was only recently that the first pig iron was

produced in that country. has discovered a method for neutral- tobacco throughout the empire, says izing the harmful action of mangan- an Exchange Telegram despatch ese upon pineapples grown on land from Copenhagen. It is expected that

Two Philadelphia policemen have follow the seizures.
designed a motorcycle carrying five men, two fire extinguishers, a pul-motor, a stretcher, a rubber pillow and a first aid outfit at a speed of give a lot more trouble than they 60 miles an hour. An automaton figure of a man.

constructed in Paris for advertising purposes, can be given more than 5,600 different poses by electric mo-tors in its base. while a concealed No. Cordella, a barrel-maker isn't phonograph makes it speak and sing. always a hungler.

HAS READ THE WHIG OVER 70 YEARS

"My Country 'Tis of Thee" cheerily whistled a bright-eyed lad as he sorted out a Whig to hand to a sweet-faced old lady, waiting in the doorway of her home, corner of Division and Johnston streets, for her. paper, "That's right, my lad," she smiled, "but for me it is 'my paper-'tis of thee," you see," she added softly. "I have taken the Whig for over three score years and ten, and it is a friend I love, and will till the

The youngster touched his cap in gentlemanly fashion and passed on. But Fate, in the guise of a Whig representative, happened to be passing at the same time, and instinctively paused. "Would I intrude, Mrs. Watts, if I asked you a few questions of the past?" he enquired. "Not at all," graciously responded the charming old lady, inviting the Whig man within her cozy home.

"Would you give me a brief sketch of your long life and early impressions of Kingston?" was asked. Enjoy life! Remove the liver and This Mrs. Watts readily agreed to

head dizzy, your tongue coated, Mrs. Robert Watts was born in breath offensive, and stomach sour. Kingston, Oct. 12th, 1833, and is the ther, Mr. Boisselle, of Auburn, N.Y., who was one of the original subscribers of the Whig, has the paper mailed to him twice a week, and enjoys it as much to-day as he did seventy years ago. Mr. Boisselle is over eighty years of age, and refers to the copies of the Whig as "My semiweekly budget from home."

Father Born in France.

Their father came from France with his parents when a mere infant, during the French Revolution, escaping to a steamer at night. They landed at Quebec, and later moved to Kingston, where Mr. Boisselle became master of armouries at Fort Henry. Mrs. Watts was maried to: her late husband in St. James' church by the Rev. R. V. Rogers, the first rector and father of the late R. mounted on a truck to permit it to Vashion Rogers and of Miss Rogers, of this city, in 1854,

Mrs. Watts' memories are mostly cents is a stout cane from one end of of Barriefield. St. Mark's church which can be unfolded a projection to was opened in the spring of 1844, and the land on which it stands was A novel automobile speedometer a gift from Mr. John Marks, after can be set to regulate the speed of whom it was called. The corner a car and prevent it being run more stone was laid by Bishop Strachan, of Toronto, and the following have An extensive area in New Zealand been pectors: Rev. Mr. Pope, Rev. which was devasted by a volcano a Mr. Brent, Rev. Mr. Bowers (who quarter of a century ago is being re- officiated at the ceremony of Mr. and Mrs. W. J. Gates, whose golden According to a South Dakota scien- wedding anniversary was celebrated tist who has studied thousands of on the 18th of last month in Kingscases about four per cent. of human ton), the Rev. Mr. Garrett, father of Dr. Garrett, Johnston street; the Rev. Mr. Jones, husband of Mrs. K. while gunning a Frenchman has in- L. Jones, 134 King street; Rev. vented a support to hold it stationary Clare Worrell, now Bishop of Halffax and father of Mrs. Charles Kirkpatrick, Nelson street; Rev. Mr. Nimino, and the Rev. Arthur Cooke, the present rector, son of the late Canon Cooke, of "Hazeldell," Ports mouth. Mrs. Watts attended S Mark's church till fifteen years ago when she came to Kingston, and has been a faithful attendant of St

James' church ever since. Another interesting fact is that during the rebellion of 1837 the father of Mrs. Watts was called out to fight the rebels, and witnessed the hanging of seven traitors outside the fort on the hill. At that time Mrs. Boisselle thought it safer for his wife and family to go to Bath, and sent them there under an escort. During their journey they came upon a band of Indians dressed in war attire, with spears and bows and arrows, who surrounded their van, yelling "Rah for 'Torie" (Queen Victoria) while, with quick presence of mind, Mr. Green, under whose protection the party was, returned the shout, "'Rah for 'Torie," there-The Australian state of Victoria in Germany includes in its composi- by probably saving their lives. as the band passed on, after making the rebels. The family resided at

The Whig man heartily thanked Mrs. Watts for her courtesy, and exratan or other similar vegetable mattended many happy returns of her birthday, in which her many friends, both young and old, will join.

FROM AUTUMN COLDS

The fall is the most severe season of the year for colds-one day is warm, the next is wet and cold and unless the mother is on her guard the little ones are seized with colds that may hang on all winter. Baby's They act as a gentle laxative, keeping Failure in power transmission the bowels and stomach free and will quickly cure it. The Tablets are five-cylinder motor that can be at- at 25 cents a box from The Dr. Wiltached to the rear fork of any bicycle liams Medicine Co., Brockville, Ont.

Dutch Will Protest The Hague, Oct. 13 .- The Dutch the air compressing machinery of a basis of facts already ascertained plain the sinking of the Dutch steam-

> Germany Commandeers Tobacco London, Oct. 13 .- The German the issuance of tobacco tickets will

Life has been described as a game of give and take and most pe are willing to take. A lady writer says that sleep is conducive to beauty. Perhaps it is,

but there are a lot of homely po



From the frozen north to the blazing tropics Baker's Cocoa

is known for its purity and high quality.

Walter Baker & Co. Limited

DORCHESTER, MASS



Oh!

Come on over to Cooke's and have a Good Photo taken. His studio 159 Wellington street near Brock, right next Carnovsky's Fruit Store.

Ladies Attention!

Now is the time to look over our new fall styles. We have a choice stock of new goods on hand. Come and place your order before the rush is on. Prices reasonable and satisfaction guaranteed.

New York Skirt and Suit Co., 203 Wellington St.





can you guess what Christ- of Knowledge is at the top, and at the bott mas present for a boy or are the Laurel Leaves, emblematic of everlast nay send answers, and each boy and girl desir

> THE "SUCCESS CLUB" Care of EVERYWOMAN'S WORLD



Wheeled Stretchers-Official Film, "Battle of the Somme."

HE British Red Cross again appeals to the gen-) erous heart of Ontario for funds to earry on the splendid work of caring for our sick and wounded defenders on every front.

It is the deep concern of British subjects everywhere to aid and hearten the workers in their splendid, self-imposed duties. All can help-will YOU?

> By proclamation of His Honor the Lieutenant. Governor of Ontario Thursday, October 19th, "OUR DAY" is set aside as a day of giving to

The British Red Cross

Here is a call to touch Men's hearts, and Women's, too. Give generously, that the cry of your anguished defenders may not go unheeded.

The British Red Cross maintains hundreds of hospitals in Great Britain and on every battle-front. It provides and runs hundreds of motor ambulances, steamships, motor launches, rest stations and convalescent homes. In France, Flanders, Italy, Salonika, Mesopotamia, Armenia, Galicia, Russia, East Africa, Egypt, Arabia its bloodred emblem of healing is known and blessed

Give through the Treasurer of your Local Committee, or send your subscription to the Clerk of your municipality, or make it payable to Hon T. W. McGarry, Treasurer British Red Cross Fund for Ontario, Parliament Buildings, Toronto. Do it on "OUR DAY," October 19th, or somer.

These Suffering Ones Need YOUR Help





to the British Red Cross?

BECAUSE your gift may save some gallant life. BECAUSE without Red Cross work thousands of soldiers and sailors would die.

BECAUSE trained men are vitally necessary to the Empire's safety, and their lives must be saved. BECAUSE your own friend, son, brother, husband may be the next to call for Red Cross aid.

BECAUSE you may not be able to fight, but you CAN heal with your gift.

BECAUSE the British Red Cross is the greatest physical agency for good in the world, and the

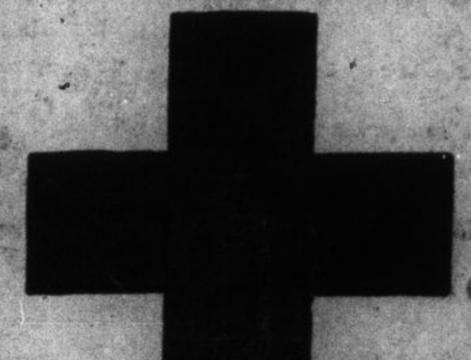
BECAUSE your money does more good in the hands of the British Red Cross than spent in any other BECAUSE the Motherland's only direct appeal

us Canadians is for assistance in the great mercy work. BECAUSE Ontario's shining gift of \$1,514,0 last

year should be an inspiration to us now. BECAUSE the number of sick and wounded is ever increasing as the price of victory.

BECAUSE if you do not give you will have missed a great opportunity for doing good-"the Angel of Mercy will move on, abashed, from your door,

Give and Heal!



\$4.UU