

GILLETTS LYE
EATS DIRT

TRICKS OF GUNCOTTON.

When Dry Explosive May Be Burned In the Hand Without Harm.

If some one should place a wad of guncotton on the palm of your hand and threaten to touch it with a lighted match you would be frightened. Yet you need not be, for, although guncotton is one of the most powerful of ordinary explosives, it would not hurt you.

When dry guncotton is exposed to the air it does not explode when ignited, but burns with great rapidity. So rapidly that the burning takes place that if a loose wad of the material be held in the hand and touched with fire there is a sudden flash, and an instant later not a trace of smoke or a mark on the hand remains to indicate what has taken place. Guncotton does not detonate unless it is confined, as in the barrel of a gun.

When dry, however, guncotton can be made to explode with great violence by being struck sharply between two hard surfaces. Detonation, as such an explosion is called, is quite a different phenomenon from burning. It seems to consist in the instantaneous disintegration of the molecules of the exploding substance. It is as though all the bricks in a great building were in a fraction of a second to be scattered about the city.

When moistened sufficiently with water guncotton is not affected either by fire or blows. In this state it can be compressed, mashed to a pulp or worked into various shapes without danger. Only the explosion of a piece of the dry material or priming with fulminate of mercury can make wet guncotton detonate. On this account wet guncotton has been made use of in blasting.

Guncotton is a mixture of various nitrates formed when clean dry cotton is treated with strong nitric acid (and, for most purposes, with sulphuric acid also). If the product is a low degree of nitration—that is to say, if little nitric acid is used in the making—it may be partially dissolved by certain esters, such as acetone, ethyl alcohol, or a mixture of ether and alcohol. It forms a soft solution, and the resulting jelly is particularly well fitted to use in a gun on account of the saving of space.

Photographic Art.

Softness of focus, to prevent masses being bounded by hard lines, complete control of light and shade, a trained wit to conjure that expression and arrange that pose most suggestive of the person as a whole, simplicity, sincerity, absence of dramatic, striking and bold use of too great contrast, restraint both in pose and expression and correct rendition of color in monotone—these and a greater and greater appreciation of the value of the camera's power for telling the truth are the factors which have raised the modern idea in photographic portraiture, if not yet among the arts, at least to a highly honored place among the crafts.—C. H. Claudy in Art and Progress.

Golden Precepts.

The late Robert C. Ogden, merchant, philanthropist and millionaire, whose life was notably successful from every point of view, left behind him in writing this set of good and tried rules:

Do not mistake a prejudice for a principle.

Be energetic, wide awake, pushing, but be patient.

Use the book of Proverbs as a guide in business.

Honor womanhood.

Believe in yourself, then other people will believe in you.

A vigorous, healthy man has really only one right in the world, only one thing to demand, and that is a chance to work.

Gladstone's Memory.

Gladstone's power of memory was always one of his greatest assets. In his last years he often lamented that it was not what it had been, but even so it came triumphantly out of some remarkable tests. In his eighty-third year he set himself to recall Manon's ode on the death of Napoleon, which as a young man he had translated into English. He had entirely forgotten his own version, but by dint of hard "digging" or "fishing up," as he called it, he wrote down 104 of the 108 Italian lines. Two years later he essayed to write from memory a complete list of all the men who had been his cabinet colleagues and enumerated sixty-eight of the seventy.

A Ready Weapon Against Pain.—There is nothing equal to Dr. Thomas' Eucalypti Oil when well rubbed. It penetrates the tissues and pain disappears before it. There is no known preparation that will reach the spot quicker than this magic Oil. In consequence it ranks first among liniments now offered to the public and is accorded first place among all its competitors.

HIS TRAGIC DREAM.

A Grim Ghost Story Set in a Haunted Dutch Castle.

The following remarkable ghost story is told of two brothers, members of a distinguished family of the Netherlands. The young men were officers in the same regiment and were very popular. These young officers were exceedingly anxious to see a ghost and determined to pass a night in an old haunted castle, where scenes of horror, it was alleged, marked the hours from dark till dawn.

It was Christmas eve, and they provided themselves with a good supper and a bottle of wine each, a few lights, and loaded pistols. The hours wore on. No ghost was seen, no ghostly sounds were heard. The younger brother, wrapped in his cloak, laid his head on the table and liberally resigned himself to a comfortable sleep. The elder brother, though exceedingly weary, determined to remain awake.

After awhile a noise roused him from a reverie into which he had fallen. He raised his eyes and beheld the wall opening in front of his seat. Through the opening glided a tall figure in white, who signed to him to follow. He rose and followed the figure through long, damp, dark passages till they reached a large, brilliantly lighted room, where a ball was going on. Above the strains of music and the din of voices pierced a strange, sharp, clicking sound, like the notes of castanets.

Bewildered and dazzled by this sudden transition from darkness and silence to this gay festive scene, it was some moments before he could collect his senses, but he was shocked by perceiving that these gayly dressed ladies and their richly uniformed cavaliers were skeletons, and the curious sound that impressed him so strangely was the clicking of fleshless jaws!

The figure at his side ordered him to take a partner from this hideous throng, which he refused to do. Irritated by this refusal, the figure raised his arm to strike, but the officer instantly leveled at him the pistol he had continued to grasp and discharged it full in his face.

With the shock and report he started to his feet. The white figure, the ballroom, the fearful, ghastly dancers, all had vanished, and he was in the room where he had supped, but his brother lay dying at his side.

He had shot him in his dream and awakened only to receive his last utterance. From that awful Christmas night he was an altered man, and after a few years of unavailing anguish of remorse he found himself unable to bear the burden of his regrets and put an end to his life.

The Bedouins.

The term Bedouins means "dwellers in open land" and applies only to wandering or nomadic Arabs in distinction from the peasants or dwellers in towns. No census has ever been taken. Estimating and estimating their number in any particular region or tract of country are conjectural. All of them are Arabs, but some tribes or clans are wilder and more savage than others. A good authority says that the total number of Bedouin population throughout Arabia, including men, women, and children, appears not to exceed 1,500,000, or about one-fifth of the total population. They are scattered all over the desert, but probably more numerous in northern Africa than in Arabia.

Antiquity of Smyrna.

Smyrna can lay claim to a loftier lineage than perhaps any other city on the earth. It is her proud boast that from the earliest dawn of history her continuity of name and fame is unbroken. It is in this spirit that she claims Homer for a citizen. His river, the Meles, which gave him a name, runs near the city, and the cave is still shown where he wrote his poems. Smyrna has not been black in appropriating Homer, endowing him even with a local temple. The saddest chapters in the history of the city are those which record earthquakes and massacres of Greeks by Turks.

Leather Goods.

Furniture upholstered in leather should be cleaned with white of egg slightly beaten and polished off with a soft cotton duster. For shabby leather chairs boil half a pound of aniseed in water and rub with this in half a pint of vinegar. Mix this thoroughly and bottle for use. When required shake the bottle well, pour a little on a soft flannel and rub thoroughly into the leather. Turn the flannel when it gets soiled, and polish the leather with soft dusters.

Hot Finish.

The wise and industrious father was chiding his son for procrastinating.

"You are always late," scolded the senior. "Why don't you be like the early bird? You know, these days the first come are the first served."

"That may be, pop," laughed the frivolous youngster, "but I don't want to be like the early bird. He is generally served up on toast."

A Sign That Works.

She—Do you believe in signs and portents?
He—Well, I don't carry my belief to an extreme, but when my respected employer comes into the office in the morning looking as though he had spent the night wrestling with an attack of acute indigestion I always regard it as a sign that I am in for a bad quarter of an hour.

Why Cook Left.

"Why did your cook leave so suddenly?"
"She made two cakes last Saturday—for us and one to take for a married sister. When she wasn't making, I exchanged them and took for our own use the one she had intended to give away."

WHAT \$10 DID
FOR THIS WOMAN

The Price She Paid for Lydia E. Pinkham's Vegetable Compound Which Bought Good Health.

Danville, Va.—"I have only spent ten dollars on your medicine and I feel so much better than I did when the doctor told me to get it."

"I don't suffer any bearing down pains at all now and sleep well. I cannot say enough for Lydia E. Pinkham's Vegetable Compound and Liver Pills as they have done so much for me. I am enjoying good health now and owe it all to your remedies. I take pleasure in telling my friends and neighbors about them."—Mrs. MATTIE HALEY, 501 Colquhoun Street, Danville, Va.

No woman suffering from any form of female troubles should lose hope until she has given Lydia E. Pinkham's Vegetable Compound a fair trial.

This famous remedy, the medicinal ingredients of which are derived from native roots and herbs, has for forty years proved to be a most valuable tonic and invigorator of the female organism. Women everywhere bear willing testimony to the wonderful virtue of Lydia E. Pinkham's Vegetable Compound.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for advice. Your letter will be opened, read and answered by a woman, and held in strict confidence.

"Alexander the Great."

The exploits of fourteen-year-old Alexander Cherviatkin, a correspondent to a Moscow newspaper, is without parallel, either in this or any other war. At Warsaw the boy was enrolled in a troop of scouts, and received orders to carry out a reconnaissance under cover of darkness, Cherviatkin made his way through the German lines, was captured. Owing to his youth, no strict guard seems to have been kept over him, and under cover of night he succeeded in slipping away through the German lines. But, not content merely with escaping, he had the audacity to steal a German flag from a sleeping standard-bearer, and with his precious trophy he started on his journey home. Unfortunately he fell into the hands of the searchlights. The Germans at once opened fire and wounded Cherviatkin in the side, but the boy managed to stagger into the Russian trenches, and was duly awarded the St. George's Cross.

Edmonton Women Organize.

Following the example of the women of England, the women of Edmonton have completed the organization of a Women's Volunteer Corps. More than 350 women have begun drilling.

The Nurses' Corps have been most friendly to each other in England and France. Some objection has been made to the discipline of the corps, there, but perhaps it is more strict than is generally known in Canada. However, the splendid work of the trained nurse is more and more appreciated by those in authority. The nurses realize that they are members of the militia, for which they are doing their utmost. In the convalescent homes, too, the soldiers are the best patients possible, and instead of grumbling, an effort is made continually to lighten the burdens of the nurses.

Enchanted Valparaiso.

The night view of Valparaiso from the balconies of the cliff dwellers is one of the great sights of the world. The vast city, with its lit for nearly 200,000 people, the scores of ocean vessels lying at anchor, the harbor lights, the glowing avenues below, from which rises mellowed the roar of nocturnal traffic, the rippling water under the moonlight, and the far horizon of the illimitable Pacific produce an effect of enchantment.

Ages of Birds.

The average ages of some of the best known birds are: Blackbird, 12 years; blackcap, 15; canary, 24; crow, 14; crow, 100; eagle, 100; owl, 100; goldfinch, 15; goose, 50; heron, 50; lark, 13; linnet, 23; nightingale, 18; parrot, 60; partridge, 15; peacock, 24; pelican, 50; pheasant, 15; pigeon, 20; raven, 100; robin, 12; skylark, 30; sparrow hawk, 40; swan, 100; thrush, 10; wren, 3.—London Globe.

Rats Aboard Ship.

There used to be a belief that rats never went on a ship that was destined to founder at sea. This was a fine supernatural ring, but, as a matter of fact, has a good deal of truth at bottom. Unseaworthy ships in the old days were likely to be leaky and contain much blight water. The rats would naturally abandon such damp quarters for a drier berth.

Miller's Worm Powders prove their value. They do not cause any violent disturbances in the stomach, any pain or griping, but do their work quietly and painlessly, so that the destruction of the worms is imperceptible. Yet they are thorough, and from the first dose there is improvement in the condition of the sufferer and an entire cessation of manifestation of internal trouble.

LINKS DECAL HOUSES.

Hon. Ivy Gordon-Lennox One of Britain's Notable Women.

The Hon. Ivy Gordon-Lennox, niece of the Duke of Richmond and Gordon and only child of Lord and Lady Algernon Gordon-Lennox, is one of the most celebrated sportswomen in Britain. Born in 1837 she is charming and accomplished and exceedingly popular.

Her marriage, which is soon to take place, will unite two of the most famous aristocratic families of Great Britain. Her husband is the Marquis of Titchfield, son and heir of the Duke of Portland.

Lord Titchfield, who is only twenty-two, holds a commission in the "Blues" and is at present attached to the headquarters Staff in France. Heir to vast estates, about 184,000 acres in extent, Lord Titchfield is the future owner of Welbeck Abbey, the world-famous home of the Dukes of Portland. Chief of the marvellous Welbeck Abbey, all of them due to the eccentric fifth Duke of Portland, who was consumed all his life with a passion for building underground tunnels and rooms, is a subterranean picture gallery, painted in the solid clay. This gallery is 160 feet long, 64 feet wide, and 22 feet high, and at night is lighted up with eight exquisite glass chandeliers to show up the pictures and paintings which cover the walls.

From the chief entrance to the Abbey there is a broad tunnel which runs underground for a distance of over one and a half miles. From his headquarters to the estate to the time of his death in 1879 it is estimated that the fifth duke spent no less than £35,000,000 on creating new wonders for Welbeck. Most notable of the functions held at the abbey in recent years was the coming-of-age of Lord Titchfield in April, 1914, which was one of the greatest functions England has seen in recent years.

The Hon. Ivy Gordon-Lennox comes of a family of world-renowned sportsmen and sportswomen. She is very fond of hunting, fishing, tennis and yachting. For the last three years she has acted as Maid of Honor to Queen Alexandra.

HAND GRENADES.

It consists of a Piece of Cane and a Metal Head.

"We not only want shells, we want hand grenades," it was said in the House of Commons recently, "for we have no knowledge of the character of the hand grenades which are very largely used in the field." There is no doubt that the Germans have won a few triumphs by the use of grenades. Wisacres before the war, which had the idea of utilizing this ancient method of warfare. They forgot that it is impossible to hit a man with a rifle when he is snugly hidden in a trench or dugout. They did not realize that the wise trench soldier had cleared with the aid of grenades. Luckily, however, our soldiers have now been equipped with large supplies of these useful weapons.

The British hand grenade consists of a piece of cane with a metal handle containing a bursting charge of lyddite, and a detonator or exploding arrangement to go off when the grenade strikes. The handle and head are 16 inches long over all, and attached to the end of the cane handle is a 3 ft. bit of cloth, known as the "tail," to make the grenade fly true and ensure that it strikes head first on its detonator.

The grenade is carried by a hook handle at the downward end of the belt, the men being instructed to throw it at an angle of not less than thirty-five degrees from the ground, to give it the required range, and to ensure the machine alighting on its handle. Some soldiers throw it with a head movement, others underhand. The bursting charge of lyddite is sufficient to blow the steel head of the grenade into bits when it strikes, and kill the soldier close by it. In the old days the hand grenade was merely a hollow iron shell filled with half a pound of black powder with a fuse attached, which the grenadier lit from his always glowing match. The bursting charge of the modern grenade, however, is a great improvement in explosives, five or six times as powerful, weight for weight, as the old-fashioned black powder.

Telegraph Wires as Barometers.

A phenomenon with which most people are familiar is the curious noise made by telegraph wires. It is accepted as ordinary; and yet there has been hitherto no final explanation. Professor Field, a scientific investigator of the weather, has shown that the telegraph wires are the song of the barometer, and that the variations are in direct relation to variations of the weather. It is, according to Professor Field, a scientific indicator of the weather. If the sound is low the weather will change in two days. If it is sharp a momentary change is probable. According to the new theory the vibrations of the wire are transmitted by the posts, which receive them in turn from the earth.

The Cinema in the Navy.

A large number of H. M.'s ships now boast of a cinema, including the Duke, Queen Elizabeth, Warrior, Queen Mary, Achilles, and illustrious. Some details of the Achilles' cinema-graph are now to hand. Those responsible for its installation—it is understood the commander is closely interested—have carried it out in a thorough manner. They possess a projector, which is run by motor, and an excellent picture is secured. A weekly change of program is provided, also illustrated songs, which are a popular feature.

English Terms Barred. English sporting terms, formerly used in Austria, are now barred. Steeplechase has been changed to "steeplechase," and "steeplechase" and "spring meeting" are "steeplechase."

WHELAN & YEOMANS
OFFER THE FOLLOWING
PROPERTIES FOR SALE
GET UNDER YOUR OWN ROOF

SEVEN Room Frame House, Foster Ave., barn, two extra lots, good garden, some fruits good well at a bargain.

\$1500—Bleeker Ave south, two-story brick house, first-class repair, good cellar, electric light and water.

\$1000—Two-story frame house, Pope Street, almost new.

\$4000—Bridge St. East.—One of the finest located homes in the city.

\$2800—Two-story brick house, Dunbar St., all conveniences, barn and large lot in first-class repair.

BARGAIN—Large frame house with all conveniences, barn and two lots close to G.T.R. station.

\$4200—Lot 1, Con. 3, Tyendinaga, 100 acres with good buildings, 75 acres woodland, balance pasture; woodland well fenced and watered; special terms for quick sale.

\$650—Frame house with large lot, West side Yeomans St.

\$1500—Frame house, Great St. James Street.

\$600—Frame seven room house, Catherine Street.

\$3500—Large lot on east side of Front Street, about 30 foot frontage with two houses and other buildings.

\$200—Each—Burnham Street, 5 lots, 42 x 132.

\$12 per foot—Cor. Bridge and McDonald Avenue.

\$350—Albert Street, 50 x 100, West side.

\$125—Dufferin Avenue, between Pine Street and Victoria Ave. 5 lots about 60 feet frontage.

\$500—Corner Dundas and Charles Streets, 50 x 88.

\$250—Lot 65 x 135, Lingham Street, just north Victoria Avenue.

\$125 EACH for two good building lots 40 x 174, on Ridley Ave. next to Midway Street.

\$150 EACH for two lots, one side Ridley Ave. size 40 x 124 ft.

\$75 EACH, North Coleman Street, 5 lots, 45 x 160.

A BARGAIN block of 12 lots on Sidney Street.

\$10 per foot—Foster Avenue, north of Bridge.

\$3500—One of the best livery and feed barns in the city, handy to any part city.

6 ACRES on bay shore, the best location in the city, good dockage and along C.N.R. Double frame house on ground.

\$800—Five acre block near Albert College, just outside city. Land suitable for gardening. Seven minutes walk from Front St.

\$4500—75 acres, 4th Con. of Thurlow, well watered and fenced barn 30 x 50, two-story frame 10-room house, some fruit.

\$6000—150 acres, one mile from Cannifton, 7-room frame house, bank barn, drive house etc., well watered and fenced.

145 Acres—One of the best located farms on the bay shore in Ameliasburg Twp., all first-class buildings, well fenced and watered, about 600 apple trees, close to church and school and cheese factory; terms arranged to suit purchaser.

\$6500—100 acres, 3rd Con. of Thurlow, good state of cultivation, buildings in good repair, well fenced and watered.

\$6000—92½ acres, 3rd Con. of Thurlow, good basement barn and frame dwelling, well fenced and watered.

\$3400—Will buy 370 acres, good stock farm about 125 acres timber, good house and barn, 1st Con. of Hungerford.

100 Acre farm, 6th Con. of Thurlow first-class buildings, well fenced and watered, price right, easy terms.

\$14000—300 Acres, 1 mile of Pontypool village, north of Peterboro, 200 acres work land and 100 acres pasture and wood land, extra fine buildings, well fenced and watered, first-class for stock or mixed farming.

\$6500—200 acres clay and sandy loam, all well fenced and watered on Bay shore, five miles from Pictou, two-story 9 room frame house, large new verandah, cellar and large cistern, large barn, stable, 25 head sheep, and cattle shed, new wagon house with large lot and stable, orchard and about 25 acres fire wood, R.M.D. and close to church, school and blacksmith shop, buildings all painted. Good terms.

7½ Acres, just north of city, good frame house and barn, about 70 apple trees at a bargain.

100 Acres on Kingston Road. Fine brick house and barn. One of the best situated market gardens close to Belleville and Peterboro markets. Would make a good dairy farm. Between 600 and 700 apple trees in first-class condition.

\$1800—Just west of city limit, good cellar, well lighted, electric light, over one acre of ground with barn and fruit.

\$3700—Two-story brick house, hot water heating, large lot, extra lot if wanted, Victoria Ave.

\$2500—Double House, Molra St., good cellar, electric light, gas for cooking, city water in house and barn.

\$3000—Two-story brick nine-room house; large lot and barn, hot water heating, just north of city limit.

DOUBLE brick house, Mill Street, lately remodelled, up-to-date with full plumbing and hot water heating, electric light and gas, large stable suitable for livery, boarding stable. Deep lot 80 foot frontage.

\$2800—New two-story 8-room brick house; all modern conveniences, full basement with gas for cooking in kitchen and basement.

\$2600—New up-to-date frame dwelling, Foster Avenue, electric light, gas for cooking, full plumbing, good basement.

\$4000—South Charles St. New two-story brick, hardwood floors, throughout, sleeping porch, large basement, all conveniences, one of the best finished homes in city.

\$1800—Rough cast dwelling and barn, Bridge St. west, city water on lot, two garden lots at rear, cheap if required.

\$2650—Two-story brick house; 7 rooms, hardwood floors on first flat, gas for cooking, electric light and furnace.

\$710—Frame Cottage, five rooms and outside shed, city water, Cor. Strachan and Grier Streets.

\$2200—Two-story eight room brick house; electric light, city water; Mill Street.

\$4000—New two-story nine room brick house, all modern conveniences, large basement and verandahs. Great St. James St.

\$2500—New two-story frame house; all conveniences, full basement, good lot with pear and apple trees; Chatham Street.

\$900—Seven room frame house, large lot, first-class garden soil. Strachan Street.

\$3000—Two-story brick house; twelve rooms in first class repair. Alexander Street.

\$1400—Two-story frame house, South Pinnacle Street, water and gas and hot water heating, large lot with barn.

\$1200—One and one half-story frame double house, Pinnacle Street, large lot, city water.

\$1350—Solid brick house Bleeker Ave., three minutes walk to G.T.R. station. Large lot. Will make first-class boarding house.

\$3500—Up-to-date eight room brick house on John St. Electric light and gas, full-sized basement. Five minutes from Front St.

FINE up-to-date frame house on Great St. James Street, large verandah, hardwood floors throughout, electric light and bath, large lot.

\$2000—Two storey, 8 room brick house near Albert College. Easy terms and handy to G.T.R.

\$1100—Fine two-story, 8 room frame house, electric light and water, large lot, St. Charles Street.

A NEW 8 room brick house all modern conveniences, electric light and gas, full size cement basement. Five minutes from Front Street on North John Street.

\$4000—Eight roomed solid brick house, just off Commercial Street on Warham Street, three large lots, finest view of the bay and harbor in the city.

\$1800—On Sinclair Street, fine 7 room brick house, with verandah, large lot and barn. About 70 ft frontage. Terms arranged.

SEVEN Room House, good barn, well and cistern, in good locality on East Hill. Snap for quick sale.

\$2200—Six miles north of Trenton, 2 miles from Wooler, 45 acres, good stone house, frame barn and drive house, well fenced and watered.

\$5000—For a good 125 acre farm 5th Con. Thurlow, 9 room house, barns 24 x 48, 36 x 64, and 12 x 24, no open, hen house, etc., 3 good wells and spring, about 40 apple trees and small fruit. Fall ploughed and 11 acres of wheat. All well fenced. R.M.D. and main telephone.

160 Acres, Concession, the cannery district of Prince Edward, good land and buildings, fences, well watered and close to factories and station.

\$3500—Lot 2, 6th Con. Township five miles of Haldimand county of Northumberland, 100 acres clay and sandy loam, 5 acres good orchard, two story brick 8 room house, basement barn, drive-shed, etc., 7 acres of good pine lumber worth about \$1,000. Well fenced and watered.

\$4500—Hundred acres, lot No. 12 Con. 2, Tyendinaga, 60 acres work land, 2 acres sugar bush, balance pasture. Barns 36 x 56 and 35 x 45 new drive house 24 x 30, hen house, hog pen etc., about 20 apple trees, two-story 8 room frame house. Three miles from two R.R. stations, about 5 acres fall ploughed. All well watered and fenced.

\$2500—Lot 34, Con. 5, Tyendinaga, mile north of Lonsdale, 112 acres, 6 room frame house with kitchen, drive shed 14 x 18, shed 24 x 34, barn 34 x 54, timber for about 12 years.

50 Acre farm, 4th Con. of Thurlow, 2 story frame house and two barns, 1 acre orchard, all well fenced, 8 acres in fall wheat, balance fall ploughed, all first-class soil. Two wells and well fenced. Easy terms.

100 Acre Farm, one of the best in Thurlow, within three miles of the city, farm and buildings in first-class shape. On reasonable terms.