

FIRES CHAIN SHOT

Deadly Field Gun the Invention of New Yorker.

Primarily Designed for the Destruction of Aeroplanes, Dirigible Balloons, and the Like—Application of Old Principle.

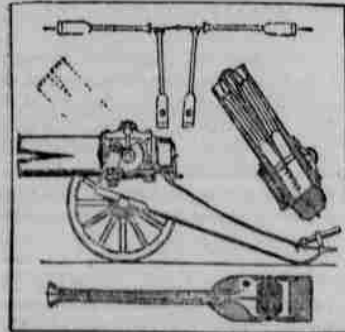
A double-barreled field gun to shoot chain shot is the newest invention in ordnance to be filed at the patent office. The inventor is Julius Wodiska, a New Yorker, who is very confident of its great usefulness in warfare and also of its practicability. The drawings of the new gun plainly show that it certainly has the element of novelty, and, if it works as the inventor hopes, would be a murderous weapon against a line of troops and could sweep the sky of air craft.

"My invention," says Mr. Wodiska, "can be used either for naval or land work, and if the latter either as a field gun or mounted on a permanent emplacement. The gun has two barrels, whose axes slightly diverge from one another so as to be suitable for throwing projectiles united by chains; such projectiles when they leave the gun continue to diverge from one another and stretch the connecting chain, thus forming, in effect, a continuous projectile of considerable length transverse to the direction of fire. Projectiles of this class, while long known, may now find a new field of application as a means for destroying aeroplanes, dirigible balloons and the like.

"One of the important features of the invention lies in the fact that there is only one explosion or powder chamber for the two barrels, so that the two projectiles are fired at exactly the same moment from the two different barrels. The improved character of my chain shot is that the shot are united by a chain of considerable length. This chain is held, up to the time the projectile is fired, within the body of one or both of the projectiles and is capable of being extended as the projectiles increase their distance from the gun. At all stages during flight this extensible chain tends to be kept tightly stretched between the two projectiles.

"So far as I am aware, in all ordnance of this character previously used chain shot have always been connected together by chains of definite and rather limited length, so that the area swept over by the chain has been correspondingly limited. In this gun I have provided means which will prevent any entanglement of the chain in the bore of the gun as well as any wedging or wearing action of the chain upon it."

"The object of my invention is to provide a gun and suitable chain shot therefor which shall be free from many of the disadvantages hitherto



How the Double-Barreled Field Gun is Worked.

appurtenant to guns of this class, and which, without increase of powder charge or size of gun, shall be capable of greater destructiveness."

Stolen Art Recovered.

A statuette by Anders Zorn, the Swedish artist, which was stolen last summer from the Baltic exposition at Malmoe, has been recovered under unusual circumstances. When it was lost from the art section of the exposition there was an uproar in police and artistic circles. The value of the piece can be gathered from the fact that it had been insured against theft for 5,000 crowns, but, though detectives all over Scandinavia were sent on the hunt for the piece of statuary, which represented a girl called "Alma," there was no trace of it. A reward of 500 crowns was offered for its recovery.

A few days ago "Alma" was found. The lucky man was a railroad clerk in Stockholm, named Wigren. He had been given the unenviable job of searching through a mass of articles that had been abandoned in the railroad trains, and which were to be sold at auction the following day. In an old traveling bag was found the little piece of statuary, and the reward the clerk received amounted to three months' salary.

"An Enemy Hath Done This."

Through someone's blunder a dozen or two bucking bronchos have got mixed with a western consignment of cavalry mounts now on the way to France. The unsuspecting troopers who first bestride them will say, with the man in Scripture, "An enemy hath done this!"—Youth's Companion.

Americans as Leaders.

The twentieth century is to be the century of the leadership of the western world; there will be work cut out for every American, and fortunate should each one in these United States consider himself that he is here today to play his part.—Three Partners.

CHEERY FELLOW IS CHIPMUNK

Little Animal Does No Harm and is Only Persecuted Through Thoughtlessness.

Of all the squirrel tribe, the chipmunk is the most common. He seems to have a fondness for civilization which the others lack, and delights to be near mankind. As a result, and because of his confiding and fearless nature, this little squirrel may often be found quite near to the house, or, if you happen to be in the woods, he will investigate your tent with inquisitive nose and pattering feet.

Unlike the other squirrels, the chipmunk, hachee or ground squirrel, as he is variously called, is far more at home upon the ground than in the treetops; in fact, he will rarely ascend a tree if it is possible to avoid it. Perhaps this is because he is not equipped with the bushy tail that the tree-loving squirrels use as a combination rudder and balancing pole.

The burrow of the chipmunk is a rather curious affair. The main tunnel or entrance often extends into the ground for three feet or more, at which point side chambers usually branch off; in one of these side chambers the chipmunk makes his winter nest, the others being used as storage places for provisions, often a bushel or more of nuts and grains being stored therein for winter consumption.

All of these provisions are carried to the nest in the curious cheek pouches of the little animal; in the late autumn chipmunks may be seen darting about with these pouches so distended with their cargo as to make the little fellows look as if afflicted with an epidemic of mumps. When he considers his larder sufficiently stocked, the chipmunk retires to his nest for the winter. His little birdlike tracks on the snow in even the coldest weather prove that he ventures abroad occasionally, for exercise at least. If you dig down into his burrow in the dormant season you are apt to find from two to six of the little fellows curled up snugly in the one nest—a situation never found in the homes of the other squirrels.

The chief enemies of the chipmunks are the small boy with stick and air rifle, the weasel, the hawk and the owl. The worst of these, however, is the small boy. The chipmunk may not be of any value as a destroyer of animal or vegetable pests, but he is nevertheless a cheery, harmless little fellow, who makes the woods bright with his happy, chirping cry and the patter of his tiny feet.

Money Made Out of Peanuts.

In Farm and Fireside Harry B. Potter writes a suggestive article entitled, "Why Not Grow Nuts?" in the course of which he describes the various nut crops grown in the United States and the profits to be made out of them. In regard to the peanut he writes in part as follows:

"The second most important nut in the United States is the peanut. Scientifically the peanut is a pea, and not a nut. But popular opinion has classed it as a nut because of its flavor. Like the English walnut, the peanut didn't become important until about 1870, though it had been known for a long time before.

"The peanut is now grown all through the southern half of the United States, and the 29,000,000 bushels raised in 1909 (last census) were worth about \$18,000,000. The popularity of peanuts is due to the ease of shucking and the low retail price. The early age at which the American public learns to love this nut also helps to explain perhaps its remarkable popularity."

Preferred Her Pie in Pieces.

There was a rush from the train to a nearby restaurant, for refreshments, and, as usual, the men arrived first. When the one woman entered, she saw and heard the transactions where pie was bought for ten cents a quarter. She desired a whole pie to take back to a party of friends, so she asked: "How much for a pie?"

"Sixty cents," was the glib reply. "I'll take the four pieces of this one," she said calmly, laying down four dimes.

The restaurant man hesitated, but three things caused him to come to the hasty conclusion that he had better cut the pie. The three things were: the set of the woman's chin, the sound of her voice, and the suppressed laughter of his customers. She took up her pie—in pieces, saying in the same businesslike tone: "Thank you—my knife was dull."

War Makes Dogs Homeless.

The annual British dog tax of \$1.85, which fell due on New Year's day, has set an unusual number of dogs adrift. The reason is the war, with so many men at the front and so many dependents behind. English people are extremely sentimental in regard to animals, and the protecting act passed three years ago imposes a maximum fine of \$100 or six months' imprisonment on any one convicted of abandoning a dog. This year, the sentimental feeling for the homeless dogs has taken the form of appeals to the press for individuals to ransom the dogs and give them to the troops as mascots, and also of printed leaflets which have been scattered among householders, pleading with owners not to turn their pets into the street.

A Blunderer.

"Doppel is not tactful." "Not at all. If he knew a man was fleeing to Canada to avoid arrest Doppel is the sort of person who would advise him to see America first."

Mark Twain "Dandy" But Also a Student In His Pilot Days

Old pilots of that day remembered Samuel Clemens as a slender, fine-looking man, well-dressed, even dandified, generally wearing blue serge, with fancy shirts, white duck trousers and patent leather shoes. A pilot could do that, for his surroundings were speckled, says Albert Bigelow Paine in St. Nicholas.

The pilots regarded him as a great reader—a student of history, travels and the sciences. In the association rooms they often saw him poring over serious books. He began the study of French one day in New Orleans when he discovered a school of languages where French, German and Italian were taught, one in each of three rooms. The price was \$25 for one language, or three for \$50. The student was provided with a set of conversation cards of each, and was supposed to walk from one apartment to another, changing his nationality at each threshold.

The young pilot, with his usual enthusiasm, invested in all three languages, but after a few round trips decided that French would do. He did not return to the school, but kept the cards and added textbooks. He studied faithfully when off watch and in port, and his old river notebook, still preserved, contains a number of advanced exercises neatly written out.

POULTRY NOTES

Do not be continually disturbing the sitting hen or turkey, or duck or goose, but leave them pretty much to themselves and they will make a better job of hatching.

Turkey roosts should be located to the roof, allowing only ample space for the birds to stand erect.

Don't be afraid of overfeeding the ducks. They should be fed four or five times a day.

Good water is a necessity at all times in the poultry yard, and don't forget the loose, dry earth for the dust bath.

Ducklings and goslings should never be allowed to swim, even in warm weather, because it will set back their growth.

Be sure that the hovers in the brooders are cleaned every day and disinfected once or twice a week.

After the chicks are a few days old a run out on clean green grass in the open air every fair day is necessary for their health and growth.

Chicks with hens or in brooders should have ample indoor run so that they can secure plenty of exercise during bad weather.

Ten turkey eggs may be set under a good five-pound hen.

All portable chicken houses should be elevated to keep out the rats.

"Keep Busy." Advice To Those Who Would Reach Ripe Old Age

A number of well-known persons who have passed the allotted three-score-and-ten period all have a defense against old age. Hetty Green, the world's richest woman, says: "The best advice I can give those who live to an extreme old age and still retain their mental and physical health is to keep the mind occupied on some business endeavor, walk as much as you can and chew a baked onion between meals."

Chauncey M. Depew says the reason he is so well at eighty, is because he keeps busy. "My universal observation has been that men who have led active lives and who stopped work when they arrive at eighty years or thereabouts, died, while those who continued at their tasks lived for many years more."

Mrs. Thomas Whiffin, who has

GOOD JOKES

Extremes Meeting.

"That was a remarkable idea of contrasts the animal painter had in his latest zoo picture." "What was it?" "He painted a laughing hyena standing under a weeping willow."

Smokeless Conflagration.

Omar—Hello, Helny! Are you still working at old Skinner's store? Helny—Not me. Old Skinner had a big fire last week.

Omar—Much of a loss? Helny—I should say so. He fired me.

His Finish.

Trotter—When I left here five years ago old Graspit was worth nearly half a million. How much has he now? Homer—Not a dollar.

Trotter—What! Did he fail? Homer—Not exactly. He died.

Strange Behavior.

Doctor—I regret to inform you, Mrs. Tightwad, that I fear your husband is suffering from softening of the brain. Mrs. Tightwad—Goodness gracious! What makes you think that?

CAMPING TRIP BEATS HUSBAND HUNTING ON PIAZZA OF HOTEL

By LAURA JEAN LIBBEY.

(Copyright, 1916.)

Something there is more needful than expense, and something previous even to taste. "The sense, Good sense, which only is the gift of heaven, And, though no science, fairly worth the seven.

If nine girls out of ten could have their way about it, no one should accuse them of going husband hunting under the pretense of leaving home for a summer outing. They would go in for a season of camp life with all its free, life-giving joys, letting the girls who dawdle around hotel piazzas catch the weak fish who are as eagerly intent upon heiress catching.

It's only within a very few years that girls have

gone in for camp life during their vacations. There are a dozen good reasons to champion it. In the first place, there's no fine, expensive new wardrobe to buy. The winter's half-worn-out blue serge skirt, with a few dark shirt-waists, and the winter's thick-soled walking boots, a sweater and wool tam o'shanter cap, with a few needle accessories, constitute the wardrobe outfit. A crowd of happy, exuberant

passed her eightieth year, says early to bed and early to rise makes old people young. Charles R. Flint, the well-known captain of industry, says that sunshine and not moonshine is the real thing.

Window Washing Science In This Big Steel Mill

There are 3,000,000 window panes in the Bethlehem Steel company's mills, and formerly these windows were washed at irregular intervals by men who worked on day wages and did whatever amount of labor they chose. Today the company has charts of all those windows and, by experiment, has determined the time and the number of men needed to wash the glass in each building. The work is standardized. The price set for washing the windows in one of the immense machine shops is \$443. The work is now done on schedule, the windows are kept clean (for steel mills), and the increased light inside has a perceptible effect on production. The cost is about one-fifth what it formerly was, per unit of window space.

Making a Room Look Cool.

Everybody has noticed that some houses look cooler in summer than others. Upon examination it will generally be found in the house which always looks cool and livable that for one thing there is no heavy stuffed furniture that has to be covered up each summer. No room looks cozy and comfortable with all the furniture shrouded in those tan-and-white-striped covers that many people think they must put on in June.

Nor can a room look cool and homelike with long bare windows. Instead of heavy lace curtains that must be washed painstakingly each spring, stretched on a frame and put away till fall, there may be used plain hemmed or hemstitched curtains made of cheesecloth. They are as easy to wash



Sparing His Pride.

"Pa, why do you always send me out of the room when you and mother are about to have an argument?" "I hate to tell you, son." "But I'd like to know, pa." "Well, I guess it's because no man likes to accept defeat in the presence of his son."

The Real Thing.

Little Lemuel—Say, paw, what is faith? Paw—Faith, son, is something that will induce a bald-headed man to buy a bottle of hair restorer from a druggist who hasn't a hair on his head.

His Start.

"I hear, Miss Gladys, that your brother is ambitious to break records." "Well, he's begun practicing with the most expensive ones we bought for our Victrola."

young girls, under the care of a genial woman of middle age, can enjoy a season of camp life just as heartily and thoroughly as young men can.

The exhilaration of outdoor life puts a wonderful amount of vim in girls even languidly disposed. There's a newness in responding to the tin horn which means up and out at five o'clock in the morning. The camp is always pitched near a brook and the way the girls make a dash for it for their morning dip makes an experienced sprinter open his eyes with amazement. Oh, the joy of dashing and splashing the face in that cool, sparkling brook water.

The girl who could only take chocolate, toast and an egg the first morning after her arrival could eat a whole chicken and all the good things that go with it after she has led the exhilarating life a week. In camps where money is not considered, a cook is taken along, but where young girls must count their pennies each girl takes her turn at getting the meals, showing how expert she is in the culinary art, and she is pleased to do it.

There are marching trips to some good farmhouse every day or so, which means all the milk they can drink—gratis usually—and as many fine vegetables for a dollar or so as they can carry back with them. They are such fine, healthy, happy girls when they break camp and come home! No wonder they get, without trying, the good, sensible husbands the hotel girls angled for in vain.

and iron as a tea towel and they cost so little they can be easily replaced when they wear out.

STAR OF MOVIE SERIAL



Ruth Roland. Star in "The Red Circle," a Pathé serial which has been one of the biggest attractions of the movie world.

Here and There.

It is estimated that one seed of cotton, given the application of all possible care and skill, would produce 40,000,000 seeds in six years.

To enable a physician to carry medicines without using a customary case a cane has been invented in which there is a tubular metal slide to hold vials.

Air sirens for short distance signaling have been invented by a French man and, mounted on the masts of ships, have been heard as far away as two miles.

Glass that will not splinter when broken is being made in France by pressing together under heat two sheets of glass with a sheet of celluloid between them.

An ingenious new guard for finger rings is worn inside a ring and presses against the finger to prevent it turning, at the same time being almost invisible.

It costs Paris nearly \$100,000 a year to care for the trees on its streets and boulevards and in its parks, more than 1,000 new ones being planted annually.

Refurbishing the Couch.

Don't be discouraged if your couch cover seems hopelessly soiled. It isn't ruined by any means. One girl, who expected to become a bride shortly after she received her degree at college, was saving her couch because the cedar lining was so handy for linens and frocks. But the bespotted exterior of faded green denim caused her much annoyance. A friend suggested recovering the whole thing in tones to match the girl's boudoir. Now it is a charming affair in delft blue-and-white striped chintz, with a full, ruffled valance at the front, and oval pillows, made from left-over pieces of the same.

To Suit All Tastes.

The following conversation was overheard in a railway train not long ago:

"Just as the train was moving from the station two men were bundled into a carriage. Both were of the sporting type and were evidently particularly keen on racing.

"Let's have a look at yer paper, Bill," said Charlie.

"Ere we are, Charlie," said Bill, handing his friend an evening paper. After a few minutes of silence Charlie remarked sententiously: "Wonderful things, newspapers, aren't they, Bill? They've got so many different sorts of things in 'em—stories, cookery, murders, suicides, racin'—something for everybody, in fact."

"You're right they are, Charlie."

"But what's this 'ere blank space, Bill?" pointing to the blank space reserved for stop-press news.

"Oh," replied Bill, "that's for people wot can't read."—Philadelphia Public Ledger.

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How the Spellbinder Turns the Trick.

"To my mind—"

"I can not do justice to—"

"Far be it from me—"

"It is hardly necessary to say—"

"One word more and I have done—"

"It falls to my lot—"

"I can not find words to—"

"In the last analysis—"

"Be that as it may—"

"I shall not detain you longer—"

"It becomes my painful duty—"

"I point with pride to—"

—Columbia State.

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soon undermines your health and impoverishes your blood, but this may be corrected by careful diet and the assistance of

HOSTETTER'S Stomach Bitters

It tones and strengthens the entire digestive system and is a real aid to Nature in cases of indigestion, cramps or malaria.

Fleeting Fame.

"Fame doesn't last long, does it?"

"What's on your mind now?"

"I gave \$500 to a worthy charity and my name and the amount I donated were printed in all the papers."

"Yes."

"And the next day my name was dropped and the sum appeared only in the list of previously acknowledged."

—Detroit Free Press.

WOMAN AVOIDS OPERATION

Medicine Which Made Surgeon's Work Unnecessary.

Astoria, N. Y.—"For two years I was feeling ill and took all kinds of tonics. I was getting worse every day. I had chills, my head would ache, I was always tired. I could not walk straight because of the pain in my back and I had pains in my stomach. I went to a doctor and he said I must go under an operation, but I did not go. I read in the paper about

Lydia E. Pinkham's Vegetable Compound and told my husband about it. I said 'I know nothing will help me but I will try this.' I found myself improving from the very first bottle, and in two weeks time I was able to sit down and eat a hearty breakfast with my husband, which I had not done for two years. I am now in the best of health and did not have the operation."—Mrs. JOHN A. KOEHN, 502 Flushing Avenue, Astoria, N. Y.

Every one dreads the surgeon's knife and the operating table. Sometimes nothing else will do; but many times doctors say they are necessary when they are not. Letter after letter comes to the Pinkham Laboratory, telling how operations were advised and were not performed; or, if performed, did no good, but Lydia E. Pinkham's Vegetable Compound was used and good health followed.

If you want advice write to Lydia E. Pinkham Medicine Co. (confidential), Lynn, Mass.