thee Thousand shots a Minute Without Henting the Barrel,

A machine gur of a novel character has been invented by an engineer of Newcastle. The gun is a patent centrifugal, quick-firing machine-gun, it hundred weight. It is intended for battleship, earthworks and garrison purposes. The motive power is electricity, transmitted to a motor attached to the side of the gun. The motor causes a disk to revolve at a very high rate of speed. The bullets, which are introduced into the interfor of the disk at the axle, travel along curves in the interior to the circumference and are there impelled through a barrel. It is claimed that this disk will rotate, under the influence of the motor at the rate of 12, 000 revolutions a minute and will eject shots from the middle of gun with an initial velocity of 2.000 feet per second. One of the chief characteristics of the gun that it will maintain a continuous fire. If necessary a shot may be dis charged at every half revolution, but in practice one shot every fourth revolution will be found sufficient. The bullets are spherical and measure 3-16 inch in diameter.

The following are the results of the tests already made with the gun: 18, 000 rounds of shot at the rate of 3,000 Aminute have been discharged from the gun. These shots consisted nickel, steel some of brass, as used in France, lead and chilled metal. It was tested seven times privately, no motor was used nor is one yet attached to the gun, although the gun is constructed for an electric motor. The tests: were made by means of a belt driven by a steam engine. Under these conditions the velocity required, and which it is maintained an electric motor will produce, was not, of course, attained, but the practical working of the gun was fully demonstrated. A long range could not be had because of the necessity of secrecy, and the testing was done in a minute. From the penetration of the target it is calculated that at a distance of 400 yards a penetration of similar character will be effected a plate 7-16 inch thick under the fluence of an electric motor. There no heating of the barrel of the gur because of the continuous stream of cold air which is impelled through by the turning of the disk. The disk itself is also free from heating on account of the special bearings on which it is constructed. There bearings are a highly complicated mechanical contrivance, and are similar to those used in Parson's turbines, which can vevolve at the rate of 22,000 revolutions a minute, and Levall's motor, Mrs. Wile replied that while averse revolutions a minute. To test the gun thoroughly it will be necessary horse-power motor coupled direct on its publication:-

CHOICE OF NAMES.

Our Puritan ancestors regarded the worthies of Scripture with such reverence that they gave to their children as Christian names, Ebenezer, Nebuchadnezzar, Obadiah, Hanash, Abigail and Mehitabel. That this custom is not entirely obsolete is shown by the fact that only a generation ago, when to a proud father of seven sons and two daughters came the crowning joy of his life in the birth of a third daughter, he chose her name from the Puritanical standpoint. A close student of Scripture history, he recognized the coincidence that in sex and numbers his family was the same as that of Job; therefore, regardless of all protests, he followed literally the words of the Old Testament, "He called the name of the third Keren-happuch." Notwithstanding the word is defined as "a child of beauty," it should have been accounted a misdemeanor, if not a crime, to burden a nineteenth century child with such a name.

Although the Bible names were often ugly and inharmonious, there thee -thou-would-have-been -damned" change of the season. Other bene-Parebones. It is needless to add that fits, I might mention, but suffice it the name was effectively shortened to to say I would strongly recommend Damned Barebones." Another his- Dr, Williams' Pink Pills to ailing wooric name was "Fight-the-good- men." fight-of-faith." White, while one wor-

the Farm.

THE CANADA THISTLE. This plant is one of the worst weeds infesting our fields, on account of is five feet high and weighs about five being a perennial and multiplying not only by seeds but also from its extensively spreading, long underground root stocks. This pest may be destroyed by several methods, all based upon the principle that whatever will effectually exclude the plant from the light and air will destroy it. Particular emphasis must be laid upon effectiveness with which this is done: no half measures will do. Various specific directions have been given, but for badly infested fields, under aver age conditions, nothing is more effective than a thorough summer fallow to be repeated the following year found necessary.

SWINE DISEASES.

Mortality in swine is something ap palling in this country. Of course, very much of it is due to the prevalence of hog cholera. But the fact remains that hog cholera is not nearly so fatal among swine with marked stamina as among those with less inherent vigor. And hog cholera much less fatal with swine fed largely on a nitrogenous diet than on one highly carbonaceous. The mortality am ong young pigs is very great, and it

Hope Had Departed.

THE STORY OF A WOMAN'S RESCUE FROM GREAT SUFFERING.

For Years Her Life Was One of Misery-Her Feet and Limbs Would Swell Frightfully and She Became Unable to do Her Household Work.

From the Enterprise, Bridgewater,

N. S. It is appaling to think of the number of women throughout the councovered shed at Blyth dry docks. A try who day after day live a life alsteel target, 3-32 inch thick, was shat- most of martyrdom; suffering but too tered, the disk of the gun revolving frequently in silent, almost hopeless at a speed of 2,500 revolutions per despair. To such sufferers the story of Mrs. Joshua Wile, will come as of hope. Mrs. Wile lives about two miles from the town of Bridgewater, N. S. ,and is respected and esteemed by all who know her. While in one of the local drug stores not long ago, Mrs. Wile noticed number of boxes of Dr. Williams' Pink Pills in the show case, and remarked by the proprietor "If ever there was a friend to woman, it is those pills." She was asked why she spoke so strongly about the pills, and, in reply told of the misery from which they had rescued her. The druggist suggested that she should them. make known her cure for the benefit to publicity, yet she would gladly

tell of her cure if it would benefit to affix a motor, which will be a five- ing statement with permission for anyone else, and she gave the follow-"My life for some years was one of weakness, pain and misery, until obtained relief through the use of Dr. birds, except the English sparrows, Williams' Pink Pills. From some cause, I know not what exactly, 1 became so afflicted with uterine trou- ing the year round for fear some othble that I was obliged to undergo err bird will jump their claim. They two operations. A part only of the have the characteristics of the mothtrouble was removed, and a terrible er country-get all they can and hold weakness and miserable, nervous con- on to it. dition ensued, which the physician

told me I would never get clear of. sect-eating birds is to raise guinea I tried other doctors, but all with fowls. They have an eye like a robcondition. The pains finally attacked sideways, as though looking wise my back and kidneys. My legs and step six or eight feet away and get feet became frightfully swollen, and the worm every time. They are fond deathly feeling that at times came better than paris green. A flock of over my whole body. I became un- a hundred will beat spraying all to able to do my household work, and pieces; and then the young, halflost all hope of recovery. Before grown birds are as good for a fry as this stage in my illness I had been prairie chicken. advised to try Dr. Williams' Pink Pills, but like thousands of other women, thought there could be no good in using them when the medical men were unable to cure me. At last in

desperation I made up my mind to drop out one by one until they are try them, but really without any gone faith in the result. To my great surcame a time when Scriptural phrases prise I obtained some benefit from the were used with still worse effect. It first box. I then bought six boxes is historical that "Praise-God" Bare- more, which I took according to dibones was a Puritan leather dealer rections, and am happy to say was of Fleet street, who became the fan- raised up by them from a weak, sick atical leader of the Parliament con- despondent, useless condition, to my vened by Cromwell in 1653. His own present state of health, and happiname must have been satisfactory, ness. Every year now in the spring se the one that he inflicted upon his and fall I take a box or two, and find son was "If-Christ-had-not-died-for- them an excellent thing at the

Dr. Williams' Pink Pilis surpass all to milking; if fodder is dusty, sprinkle thy of remembrance is "Kill-sin" Pim- other medicines as a cure for the trou- it before it is fed. bles that afflict womankind. They Never allow the cows to be excit-No one may choose his surname, but | quickly correct suppressions and all ed by hard driving, abuse, loud talkparents have the responsibility of forms of weakness. They enrich the ing or unnecessary disturbance. determining what the given name of blood, strengthen the nerves and rethe child shall be. The decision is for store the glow of health to pallid est number of seams possible, and slipping. o lifetime, which makes it imperative cheeks. Sold by all dealers in medicine, those present should be "smooth sol- A cent changes hands 125,000 times that the momentous question should or sent postpaid at 50 cents a box, dered."

is much greater than it would othed in the management of the herd.

Happily the remedy for these things is largely in our hands. We should avoid in-and-in-breeding in swine. We should select sows with an eye to the retention of stamina. They should be chosen from good, even litters nursed by large, rugged, well formed dams, which are good nurses and good milk producers. The sires should be strong and vigorous, and especially good on their limbs. The food for growing and breeding swine should be rational; that is to say, it should consist largeof nitrogenous elements. We should give our breeding animals the opportunity to take much exercise giving them the run of ample pastures in the summer and of farm yards in the winter. We should provide them with winter quarters sufficiently warm and dry to ward off rheumatism, and we should feed them some succulent food in the winter to ward off ailments that arise from constipation.

THE CREAM.

A good cow often loses flesh when in full flow of milk.

of their food up clean. In making up the milk rations a variety of food should be used.

Musty feed or foul weeds will give the milk a poor flavor.

are in the skim milk. A poor process of manufacture will spoil the product from the finest cream.

Water is a necessary constituent in the milk, and the cow must have it

When more than 20 pounds of a cow's milk are required to make a pound of butter she is not a good

dairy cow will make as good butter as the best special purpose herd in the world.

Milk takes its taint from any bad smell which exists wherever it is taken or placed.

If milk which has been set for some time and on which the cream is partly risen is stirred the cream never rises again.

Washing and salting while in the grain is the only way to get rid of

down quickly.

An animal giving milk is very sen- in cool weather and two in hot. sitive to bad treatment or surrounding influences.

vessels, and they should always be kept so clean that the fingers will not slip when rubbed along the surace of

GUINEAS BUG CATCHERS.

ly any birds and millions of insects and tain the equilibrium or let insects take getting scarcer every year, and we which seems to have taken a homestead right on all the country, stay-

the same result-no betterment of my in, and they turn their heads a little I cannot describe the tired, sinking. of potato bugs, and will clean a patch

The main trouble is to raise the young. Set them under a common hen. She will beat the mother guinea hen, who, while she will hatch 25 or more, will travel off and let them

Whitewash the stable once or twice

and buy abroad.

Always speak gently to your cow

used by operators, in the dairy, boil in sal soda water.

Dairy utensils should have the few-

receive thoughtful consideration, in- or six boxes for \$2.50, by addressing The secret of making butter that

Japan Still Paint Yes Now

For while Prussian Blue And

Cows will do better if they eat all They were Out of place In her Tea

She got nervous And irritable All the elements to make growth

And He told her how he did it

while it is being manufactured.

dairy animal. A well-fed and well-cared for scrub

the buttermilk flavor.

and as speedily as possible, as she will milk longer, and she will learn to give hours from the time it was set, and

Tin is the best material for the milk

A few decades ago we had millions of birds and no insects, now scarcewe will have to do something to mainmost of our fruits. The robins are might say the same of all other small

A good plan to fill the want of in- public generally. It is called

DAIRY NOTES.

When you find yourself growing an-

gry, lower your voice.

To get the best results from your cows they should be well fed.

before sitting down to milk her. To cleanse hand towels that may be

stead of being settled in a moment the Dr. Williams Medicine Co., Brock- will keep a long time is having the age The one step from the sublime to of the cream and its temperature right the ridiculous is usually a short one.

Like most Women Was Very Fond of

A cup of Tea Had become accustomed To the use of There was Just a peculiar Something About the infusion That she Never quite liked So she pondered And pondered To decide what it was Horrid thought This was it Because the scum And greenish sediment Indicated Nothing else She was a prudent woman So she argued That a remedy must be sought

Paris Green Were all Right in their place And Must be injurious

And told her doctor Of her fears You are right Said he Do as I do

He bought the new Uncolored Green Tea From Ceylon and India Sold in the Scaled lead packets of The "Salada" Tea Co And declared That no Japan Tea

In the world Could begin to equal it Then, Its Pure and Healthful Said he So she bought it too And

Women like Is worrying again Because She did not find The remedy Sconer

before churning. Set in the common A cow should be milked carefully tin pans in an ordinary cool cellar, the oream should be skimmed thirty-six then kept not longer than four days

ROSE SOAP.

A very nice article of rose soap may be made by mixing two pounds white soap, three pounds of olive soap and one half pound of rose water. Cut the soap into thin slices, put into a kettle that sits in another kettle of boiling water. Keep the heat below boiling point until the ingredients are thoroughly mixed, and then add one ounce of finely sifted vermillon and stir until thoroughly incorporated. If a light rose color is desired, put in less of the pigment. After being thor-

oughly mixed and heated, take from the fire and add one half ounce of otto of roses and about half that quantity of bergamot.

Messrs, James Epps & Co., Ltd. the well-known Cocoa Manufacturers of London, have just issued an exceedingly tasteful little medal in aluminium for distribution amongst their numerous customers and the National Medal of the United Empire, and having been struck on the termination of the war in South Africa, it forms at the present time an interesting souvenir of the Mother Country and her various colonies, typical figures of each being represented thereon. A pretty scarlet ribbon and a suitable inscription completes its equipment, and we feel sure his right hand each man holds a that all sections of the public will be eager to possess Messrs. Epps & Cos.,

A VIKING.

The body of a Viking, in a wonderful state of preservation, has been dug up in a peat bog at Domendorf, in Schleswig, and placed in the Kiel Museum. The hair is red; it is clothed in coarse, woolen material, with sandals on the feet. Kiel experts think it was buried 1,500 years ago.

Pain Banished as if by Magic.

Nerviline-nerve-pain cure-is positive and almost instantaneous remedy for external, internal, or Too many farmers waste at home local pains. The most active remedy hitherto known falls far short of Nerviline for potent power in the relief of nerve pain. A trial will demonstrate.

DID YOU KNOW

Meat has been preserved in a frozen state for 30 years, and found perfect-Use no dry, dusty feed just previous ly eatable at the end of that time. The cultivation of opium in China began but 70 years ago.

As many as 4,061 muscles have been counted in the body of a moth. Each year about \$50,000 is expended with sand to prevent the horses from

in the course of a lifetime.

Stoughton-Did you have a good time at the banquet last night? Manhattan-Splendid. I drank myself in-

began. Jim Uppercut-Dis is awful-simply outrageous! Bill Slambang-W'ot is? Jim Uppercut-Dese here Chinese

space in de papers dan w'ot we is! what do they mean when they say a man takes things easy? Paw-That

Richard-What's got into Billy? He goes in bathing half a dozen times every day. Robert-The doctor advised him to take a drink of whiskey upon coming out of the water.

live in more comfortable and stylish quarters than this. Hadley-So I two combatants, bets are made, and I've loaned to some people that do. Mr. Borem-She asked me to sing, rounds, and the game is usually kept

me afterward that anything was bet- ried off the scene wounded. ter than sitting there and talking to heads can stand hard knocks, He-While I was cut sailing this erous. At the beginning there is ably has a screw loose somewhere. summer I fell overboard into a very generally no malice. A hard blow is stormy sea.

weren't drowned. queryingly interrupted a by-

are simply kidney disorders. The kidneys filter the blood of all that shouldn't be there. The blood passes through the kidneys every three minutes. If the kidneys do their work no impurity or cause of we are less, compared with the unidisorder can remain in the circulation longer than that time. Therefore if your and that the difference between men blood is out of order your kidneys have failed in their work. They are in need of is less than that between one an stimulation, strengthening or doctoring. One medicine will do all three, the finest and most imitated blood medicine there

Dodd's

PECULIAR ENJOYMENT.

Lumbermen Sometimes Relieve the Mono hering earth and store them in teny of Their Existence by Horse-Play. So full of peril is the lumberman's life that even his sports and games answer nicely for dahlias. It is best must be spiced with danger or they to leave them in the open ground as will pall upon his taste. On the long as possible, in order that the long winter nights a cruel game growth may become thoroughly macalled "Jack, where be ye?" is fre- tured.

quently played.

Now the man who has been lucky enough to draw the first call shouts; "Jack, where be ye ?" to which his opponent must immediately answer: "Here I be." Then the first man strikes at the place where he imagines his adversary to be with the heavy leather strap. If he hits his man he is entitled to another blow-may call out again; "Jack, where be ye?" and the other must answer, "Here I be." This is continued till the first man misses, when he must take his turn at being struck.

The others form a ring around the a single one of his own.

FLASHES OF FUN.

Edyth-Don't you think that character in a young man is everything?" Ethel-Oh, yes, if he has nothing

Mrs Bayview-Is the blue grass of Kentucky really blue? Col. Kaintuck-No, it's green-same color as your blue sea, you know.

to insensibility before the speaking

boxers. Dey're actooly gittin' more

The Three Degrees-Johnny - Paw, he is either a philosopher, a kodak fiend, or a kleptomaniac.

Cadley-Jove! I should think you'd

and insisted upon encore after encore. Miss Peppery-Yes, she told enough or perhaps till one is car-

She-My gracious! But struck-it is expected-it is they rescued you, didn't they? Oh game. But it occasionally happens yes! They pulled me out of course. that the game develops into a fierce Oh, my! I'm so glad to hear you duel.

No one, gravely announces Socrates, can arrest the flight of time ated in the milky way, one of myriads stander. I thought anybody could of stars, and the milky way is itself stop a minute. And even the disone of the myriads of sectional star ciples of the great philosopher were accumulations, for these seem to be forced to smile behind their togas. countless, and to be spread over in-

The middle of the largest room in the camp is cleared. Two men are securely blindfolded, and having previously drawn lots for the first whack, they kneel on the floor. stout leather strap, in his left another leather strap or a rope is held by the end, either close to the floor, or in some camps actually on it. The latter strap being kept taunt by the combatants guarantees a uniform distance between them. They are quite near enough to hurt each other severely, which not infrequently

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AN OVERWHELMING THOUGHT.

finity. At some period of their ex-

istence each of these suns had planets

circling around it, which, after untold

ages, are fit for some sort of human

beings to inhabit them for a com-

paratively brief period, after which

they still continue for years to circle

tation or inhabitants, as the moon

does around our planet. There is

nothing so calculated to take the con-

ceit out of an individual who thinks

himself an important unit in the uni-

verse as astronomy. It teaches that

verse, than a colony of ants is to us,

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nally, acting directly upon the blood and

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work. The proprietors have so much faith in

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and another.

fered the public.

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clean honest paint. Paint that lasts. Paint that has a style in color and improves your

Prosperity sends the balloon up. would if I had the halves and dollars each faction encourages and applauds but adversity pulls it down again. its chosen man. There are regular FOR OVER FIFTY YEARS up until one or the other has had child, softens the gums, allays pain, cures wind olic, and is the best remedy for diarrhosa. 250.8 bottle. Sold by all druggists throughout the world. Be sure sed ask for "Mrs. Winslow's Soothing Syrup." volunteers for the sport are num-

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GRATEFUL-COMFORTING.

COCOA

He who talks too much will hear many things of himself that are not BREAKFAST-SUPPER. The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages and that is Catarrh. Hail's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional

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