
MODERN SHRAPNEL.

DEADLY EFFECT OF THIS FEARFUL IMPLEMENT OF WAR.

Suddenly Bursts Into Two Hundred Sep-trats Measurgers of Death Shells and Solid Shot.

The improvements in modern guns fave embraced all calibers, from that of to small arm firing a projectile only to third of an inch in diameter to the monster which sends a solid piece of teel 12 inches through and weighing over half a ton. Not only have the guns suproved, but also all their accessories, · pecially powder and projectiles. Tho

of these, with its case hardened bullet, is far ahead of the old fashioned lead Tullet used in the small arms of 30

One of the most effective of modern rojectiles is the shrapnel. It is one of the forms of case shot. The others were the old fashioned grape and canister. A case shot may be said to be a collection of missiles in a case, which breaks up it has the transfer of the case which breaks up ither in the gun or at some point in light, thus setting free its death deal-

As soon as the case is broken each of these particles goes on a separate path, and it's a sorry day for the man struck ty one of them. All of these falling a pon a piece of level ground would mark out an irregular eval, whose area varies with differing conditions. It has been found that the best point to burst the strapnel is about six yards above and 50 in front of the enemy.

Colonel Shrapnel of the British servfirst invented shrapnel in 1808. This erly form consisted simply of a spherical shell filled with bullets and a burst- nity is sometimes afforded for a gamble ing charge of powder in the spaces be- at Lloyds. It can be readily understood hich scattered the fragments too much the "overdues" are only too willing to ; id was liable to go off when not ex- get rid of the risk by paying a premium his form was improved upon during our civil war, and the modern shrapnel can be considered the most dangerous of all life destroying projectiles. It con- turning up; the smaller the chances the sists of three parts—the tube, the base higher the premium and vice versa.

The rates paying on "overdues" ser the base, which is firmly attached to as accurate barometers of the probabilithe body either by electric welding or ties or otherwise of the ship ever being by screwing. Leading from the base heard of again. These underwriters who heard of again. These underwriters who speculate on "overdues" are generally known by the significant name of "doctors." The insurance on an "overdue" may pass through many channels before the ship is, on the one band, "posted" at Lloyds as "missing," or, on the powder charge. These are held in place by a matrix of rosin which is melted by a matrix of rosin which is melted.

A ship is never "posted" until the committee is the congeller at the committee is a thoroughly satisfied that

The head is put on in the same man-ner as the base, and when the fuse is vessel. If this elicits no news, the cominserted the projectile is ready for use.

tome shrappels have the bursting charge in the head instead of the base. The fuse used is rather complicated, but the linted States has as good a one as there is. It is a time fuse and in actual that has shown its reliability. lest has shown its reliability.

It can readily be seen that one great shjoction to the ahrapnel is its high cost. The tue alone costs about \$2.50. The came gus is smally supplied with three styles of ammunition—the solid shot, the shell and the shrapnel. Some butteries are also supplied with canister hatteries are also supplied with canister for use at close quarters. The bullets in the canister have a wider dispersion, to cause the case breaks up in the gun. I anister was used to repel the famous anister was used to repel the famous anister was used to repel the famous that the famous anister was used to repel the famous that the famous anister were the slope leading up to Conselery Hill, against whose destructive effects human valor was of no avail.

The shell is used to destroy inanimate objects as well as animate ones. It contuse and bursting charge of powder.
The famous shot fired during the cutting of the cables at Cientuegos is a od example of its use. The Spaniards he hthouse, a shell was fired by one of our shipe, which, striking it fairly, burst and utterly destroyed the structure, killing many of the soldiers.

But against men in battle formation e shrapnel is the more effective. It ids a perfect shower of missiles which, quirer. lling in the midst of a company, sould almost agnihilate it. Many tests are been made to show this.

Shrapuels fired from a gun a mile sway in one instance and a mile and two-thirds in the other were made to s.rike a board target one inch thick. The fuses were set off by the contact the time the French were at war with and burst the projectile into 200 or 300 parts, each of which was capable of aling death to any living thing in its paid for at the rate of a gun, five pounds 1.th Screens were placed at indicated distances behind the target. These may 1. considered as representing a battalion of infantry in column of companies. From the number of hits upon all of

in one shot 159 hits were made by a yune. corded, but these are not so well scat-tred. Imagine, then, the effect of a well placed shrapnel upon a group of The reader can readily understand why wars are now waged at greater

"That politician is a 'has been, 'isn't

"No," replied the captions friend,
"he isn't even that, He's merely a
"used to think he was." Washington
Globe.

A boy of 15 thinks he is too old to
run errands, but after he is 25 and married he begins again.—Atchison (Kan.)

"BURNING STICKS."

Columbus' Impressions on His First fatroduction to Smoking Tobacc It was on the island of Cuba, in the autumn of 1492, that the use of tobacco was learned by Europeans. Columbus makes the first mention of the weed in his diary under date of Oct. 15. When and his men landed on Cuban shores, the kindly natives, who mistook them for messengers from heaven, brought hem namerous offerings. Among these, as stated by the admiral in his diary, were some "dry leaves, which must be something much prized by them (the natives), for they had already brought o some in San Salvador as a present."

Little heed was paid to these leaves in the beginning by the Spaniards. They were in search of gold and saw no posnokeless powder and projecties. The were in search of gold and saw no possible powder of the present has hanged the conditions of war almost insumed as modern armament.

Keeping step with these advances have been those made in the various classes of projectiles. Even the smallest from their mouths, "in a truly diabolical manner." Soon they discovered that these unelad children of the wilds carried in their hands a "burning stick," which every now and then they would put into their mouths and blow out a cloud of smoke. This had a most heathenish look, as it is recorded, to the Spaniards, and they inquired, as well as they could by signs, into the custom.

They learned that the burning sticks were composed of the dried leaves so treasured by the natives, and that the custom of smoking the fragrant weed was supposed to lessen fatigue on long journeys. They tried it for themselves and found this actually to be the case. On many a troublesome jaunt thereafter they were refreshed as the pleasant perfume curled upward from their own "burning sticks."-Detroit Journal.

SPECULATING ON SHIPS.

Eow Underwriters Gamble on Overdue Vessels Posted at Lloyds.

When a ship is overdue, an opportu-:cen. This was a crude invention, that underwriters who are interested in cted and not do so when desired. on the insured rate to these who are willing, on their terms to relieve them of their responsibilities. The premium varies with the chances of the vessel

The rates paying on "overdues" serve

and poured upon the bullets when in place. A skeleton case of east iron controlled for each bullet is the case is hopeless, and until the owner is of the same opinion. Before "posting" a notice is put up for a week inone on board the missing ships.-Good

> Smallest and Oddest Republics.
> Goust is the smallest republic as to area, but Tavolara is the smallest republic as to population. Goust is only one mile in area. It is located on the flat top of a mountain in the Pyrenecs, between France and Spain, and is recognized by both of those countries. It is governed by a president and a council of

12. It was established in 1648 and has 130 inhabitants. The president is tax collector, assessor and judge. Goust has no church, clergyman or cometery. The people worship in a church outside of their own territory, and the dead bodies are slid down to a cemetery in the valley below. In that valley all the baptisms and marriages are performed. Tavolara is 12 miles northeast of Sardinia. It is an island five miles long by a half mile wide. Its total population consists of 55 men, women and children. The women go to the polls with the men and elect every year a president and council of six, all serving without pay. The inhabitants support themselves by fishing and raising fruit and vegetables. The republic has no army and no navy .- Cincinnati En-

Market Quotations on Scalps.

The market price of "scalps," as agreed upon between the early French colonists of Louisiana and the Indians, with whom they bargained to fight out their battles with hostile Indians for them, varied with circumstances. At the Alibamons a "scalp" of one of the last named, when brought to them, was of musket balls and as much powder. "On the 14th of March" (1704), writes De La Harpe, "a party of 20 Chicachos (Chickasuws) brought in four Alibamon scalps. They were given for each scalp them the efficiency of shrapnel fire agun, five pounds of balls and as much of powder, according to the contract made with them."—New Orleans Pica-

Sawed With Cables

In the French quarries of St. Triphon stone is sawed with steel wire cables moistened with wet sand and passing in an endless rope over a series of pulleys. The wire, which runs from 1,000 distances and why hand to hand con- to 1,200 feet per minute, is charged as ficts are almost unheard of.—New it enters the cut with a jet of water and silicous rand, which forms the cutting material. A running cable of 500 feet can make a cut 100 feet long.

Errand Rouning.

MOS Glober TABW CO. MAN

Names of Litigants. In an old Indiana case a man named Shallcross undertook to live up to his name by running an unlawful ferry, but the decision of the court said to aim, "You shall not cross."

The name of an adopted citizen of the Chickasaw Nation, whose adoption was canceled and who was thereupon expelled, was Run Hannah.

A California woman who said in her will. "I have no fear of the hereafter; O my Lord, teach me to live right, then in dying there is no sting," bore the prophetic Christian name of Eu-

The name Dr. Physick, which might be looked for in some allegory, appears as the name of a real person in a recent law report.

Some peculiarly suggestive combinations of names in the titles of cases are these: People versus Kaiser, Priest versus Lackey, Kick versus Merry, Protected Home Circle versus Winter, Grant versus Lookout Mountain Com-

In reminiscences of the early Minnesota bar Judge Charles E. Flandrau tells in the Minnesota Law Journal of an argument before the supreme court in 1853 by ex-Chief Justice Goodrich on behalf of an Indian convicted of murder. The Indian's name was Zu-aiza, but as the counsel could not pronounce it he always referred to him in his argument as "my client, Ahasuerus."—Case and Comment.

The Irrepressible Small Boy.

This is a true story, and it really happened in a New York family. It looks as if it might be an old story brought up to date or renovated for the occasion, but it is exactly as the small boy arranged it and not to the edification of his family. The small boy was very fond of ice cream. It never cloyed his palate. It was with the same delight that he saw it each time brought on the table, and upon each of these times he showed the expberance of his feelings by crying in rapturous tones: "Oh-o-ol Ice cream! Ice cream! Ice cream!" much to his mamma's annoyance.

"People will think we never have ice cream or anything else to cat," she said to her son one day. "Now, we are going to have company to dinner tonight, and I don't want you to say a word when the ice cream is brought on." The small boy promised. He really was a good little boy, and he intended to mind. But when the cream was brought on the old feeling of rapture was so strong that he forgot entirely and 'cried out as usual. Then he remembered and stopped short, looking very repentant. He had not intended to call out, and his mother was mortified. He changed his tone entirely:

"We have ice cream almost every night," he remarked carelessly .- New York Times.

Painfully Polite.

The people of Dresden are very polite, so overpolite that they not infrequently bring down ridicule upon themselves. It used to be told in that city that a stranger was one day crossing the great bridge that spans the Elbe and asked a pative to direct him to a certain church

which he wished to find.

"Really, my dear sir," said the Dresdener, bowing low, "I grieve greatly to say it, but I cannot tell you."

The stranger passed on, a little sur-prised at this voluble answer to a simple question. He had proceeded but a short distance when he heard hurried footsteps behind him, and, turning round, saw the same man running to catch up with him.

In a moment his pursuer was by his side, his breath nearly gone, but enough left to say hurriedly: "My dear sir, you asked me how you could find the church, and it pained me to have to say that I did not know. Just now I met my brother, but I grieve to say that he did not know either."

Her Opinion In Full.

The car turned sharply around a curve and the tall man who was holding on to a strap somewhat loosely was suddenly thrown from his upright position with a force that landed him in the lap of a dignified dowager sitting near him, while his high silk hat flew from his head and rolled down the aisle of the car.

"Sir," she said as he rose to his feet again with profuse apologies, "I am compelled to say that in my judgment you were lacking in that complete grasp of the strap which was essential to the highest efficiency in maintaining an upright attitude when turning a

That was all. But it crushed him .-Chicago Tribune.

As He Understands It. "As I understand it," remarked the intelligent foreigner, "you Americans regard George Washington's batchet as the emblem of truth." "Yes, sir, that's right," replied the

American proudly.
"Then, when statesmen or other individuals who have quarreled, bury the hatchet. I suppose they cease to speak the truth?"-Detroit Free Press.

Inspiring Hope, The Doctor—Bear up. I must tell you the worst—you can't possibly re-

The Client-That's a pity, for if I'd lived a bit longer I should have come into a fortune; as it is, I haven't a penny to pay you with, doctor. The Doctor-Well, now, don't give up hope. We'll try to mend you. We'll try.—Illustrated Bits.

Not Mentioned.

"Everybody seems to have been mentioned for the office except you." observed the sympathizing friend. "Yea," replied the disappointed pol-itician. "My name is Pants."

"Then, of course," soothingly re-joined the other, "you might expect to be among the unmentionables." And silence like a ponitice fell .--Chicage Tribune

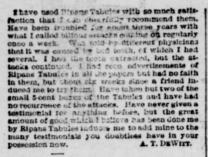
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Miss Encara Wissman. The modern standcine: Cures the

ONE

My seven-year-old boy suffered with pains in his head, constipation and completed of his stomach. He could not eat like children of his sere do and what he did eat did not agree with him. He waathin redoved by their use and now takes the Tabules regularly. Shekeepe few cartons Ripens Tabules in the house cade asys she will not be without them. The hearthurn and sleeplessness have disappeared with the indigestion which was formerly so great a burden for her. Our whole family take the Tabules regularly, especially after a hearty meal. My nother is fifty years of age and is enjoying the best of health and spirity; also cats hearty meals, an imposeibility before she took stears Tabules.

ANYON H. BLAUREN.

did est did not agree with him. He was thin and of a saften color. Reading some of the testimentals in favor of Rituans Tabules. I tried them. Elpans Tabules not only relieved but actually circle in my youngster, the bestdeens have disappeared, bowels are in good condition and he nover complains of his wonderful change I attribute to Ripans Tabules. I am satisfied that they will benefit any one (from the cradie to old age) if taken according to directions.

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M. H. do YOUNG, Proprietor R. F. Chronida, A Xantippe Outwitted.

An Englishman of Lymington had the misfortune to live in a continuous quarrel with his wife, who was a modern Xantiopo and threatened in cusa she survived blus to dance over his grave. It was her lot to outlive him. but it was not so casy to carry out her | great man is expected. threat. The hashend bad she precantion to make an fujoration in his will degradation of a dignified person or inrequiring his body to be buried in the

On the Contract. "Isn't that a fire alarm bell that's bell of the Universalist church "-Chi-



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The Cause of Laughter. Pain suggests the explanation that laughter is provoked by what he calls a degradation, meaning that we laugh when we all at ouco perceive something degrading, a trickery, a weakness or a pettiness in some person er object which we respect, as when the immittee of human nature disclose thomselves in a person of happreance or when some mony to drag us down or when the

terest under circumstances that do not sea, near his residence, and without excite a stronger emotion. In all theo-coromony. The injunction was complied that the first last is marked * * * that the feeling of the lutimous arises when some shing which we respected before is presented in a mean light, for we have t ging?" disposition to lauch when something that, I should say not. That's the that we already regarded as such is depicted as tricky and vile,"-- Popular!

"The occasion of the denither to the



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