## By Order of the Czar



















 Tot. Thao will rimbern"











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HOW A MODERN MORTAR BATTERY WORKS The mortar ris a tope of ondoance employed for high angle. free It to
 notion of what a great gun should be. One of these monsters of clvilized
wartare exhibited at the Loulstana Purchase Exposition illostrated this growIng tendency of gunmakers to improve upon the mortar's proportisons. In
this unique demonatration of the metbods and armment of seacost defense this unlque demonstration of the metbods andarmament of seacoosst dotenge
the War Department furnished a well devised and adequate popplar tlluas trat to o o a subuect which was not only necessarily unfamillar to dwellers
in the great Interior of the continent, In the great interior of the conttinent, but, because no person is ever permilted
to exnmine the coant defenses themselves, was of puanl efucational sertice to exnmine the coant defenses themselves, was of equal educational service
to vistions whio गive withn sigh of those carefolily guarded earthworks.
Although the United States bas been foremost in Its employment of the mortar for cooast defense, every seaconst approach in the country belng provided with an eiaborate system of mortar battery protection, England
han not been laggard in the same direetlon. Franee, althought abe has for many years taken the lead in the manutacture or this type of ordnance,
has been slow to adopt tit for the defense of her veaboard. The use of held mortara has not yet been put to the actual test of
modern bartele conditions. It was the hope of milltary observers that the
present conflect to Ansian present confilet in Astia would serve as an experimental lasoe for feld mor-
tar warfare. That this exploitation of the gun was expected to take place
 four batteries, six mortars to a battery. That the anticlpations of the forelgn
millitary continuouss revereat which the Russlan land forces have been compelled to
mantain. maintain. Contrary to the original expectatlon, it Is now the Japanese that
are ilkely to demonstrate the eflciency of the mortar as a field resource. With the almost tncredible adaptation which they have show ti so many
ways since the begining of the war they have begun to turn the very
weapons which were designed to askist in thelr overthrow against thelr

$\qquad$ able shack gets its odd name from the The X-ray allment developed several
years ago whlle Edison was experl menting with the Roentgen rays. He it
Was who perfected the fuoroscope An
assistant named Dalley helpecd him in his work. Dalley had his face near the
X -ray. Edison had the strange light
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$\qquad$
-he can and does stlll swear volum.
Inousiy and wwht rreat art when his
temper is aronee LANDSLIDES OF THE PAST.
 In the history of this country there hat of Sov. 8 last Thomasa Jegerson
was elected Prealdent in 1804 by 162 otes to 14 for Charies C. Plyckney, reelection of Janes Monroe would
have been unantinous except for the
lesire of one elector to rearre to desire of one elector to regesrve to
Wanhington the exclusive honor of a
onanimous chotce. Accordingly one vote was cass for John पuincy Adams,
the remaingng 231 votes beling given to conroe. Andrew Jackson's second
election tn 1832 was by a vote of 219 to 49 for Henry Clay. Mate of 219
Buren defeated Willam Hent Van ason four years litham Henry Har 170 to 73 ;
and at the following electlon the ta.
biea were turned by a vote of 234 to 60 in favor of Harrison. The next two
eelectoons were closer; but 1 In 1852
Frankllin Plerce defeated winfeld Lincoln defeated Meclellan in 1884
by an electoral vote of 212 to 21 , al-
though this result was greatly dispro-

 war, to exceed that for Roosevelt was
obtained by Grant over Greeley th
tiv2 Grants vote was 288 and Gree-
lex's curred between the dith of Greele of ofe pop-
lar election and the casting of the elec-
toral vote and the Greeley coral vote and the Greeley electors of
five States cast their votes for Thomas A. Hendrcks
Clevelands electlon in 1892 was by
a great electoral plurallty

 Chicago Dally News.
Varied Farms or oklahoma,
The first Journey of the milssionary
 the train laves the metropolis it
glides along rich farm lands, where
preparations have already begun for
 decorated with the silver white bolls,
even now bursting open to tempt the
hand of the pleker. Slde by alde with this leading prod-
nut of the South may be seen broad
acres of tall corn, with leaves already crow or, and gordiden ears hanging grance-
fully, ready to blicked by the shucker who drives his team and cart
In this forest or todder through which
his cattle will roam all winter and grow fat upon the rattling leaveed.
Felds of luxurlant alfalfa are on
elther side of the track, and great lusclous fruit Hes so thick that it
would be imposible to drive a team welghing trom crustshing to monsters
ach.-Christinan Intellilgencer.
-Tme for serlous Refleotion.
When does a young man commence


