LATEST TRIUMPH IN THE INDUSTRIAL WORLD




##  <br> 

Solumi or many sizesa are being turned out for the Catheraral of st. John the

 cutters reducing the column twaty-four Inches in diameter at one pass
oreer the stone. The block of graite in the thustration welghts 310 tonss it

## Oun With a Remarkable Range     heigh and rn twenty showin tlowing the accompanying map of Now York City and vieinity, from which our cosmopolitan readers mny readily deter- mine whether thetr nikgty ride of one hour, more or less, fato the suburbs sond tis zone of fire. By the courtesy of Whe Depart- ment, we are enabled to present the <br> 



| hap of siw yoik and vicistex sinowtwo abia dominatid dy fibe of BIXTEAK-DNOA GUN. |  |
| :---: | :---: |
| accompanylng photograph showing a full-sized model of the new sisteen- |  |
|  |  |
| tich arny gun, suspended aboveof the targest, coast-defense |  |
| of the largest coast-d |  |
| left is a twouty-luch mmoth-bore Rod- |  |
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|  |  |
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| low the clase of the sixteen $!$ net gun. |  |
| In a 300 -pounder Parrott rifte, which niso is the only one of Its size ever conatructed, all the other Parrotts being |  |
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| atructed, all the other Parrotts being of elght-fuch, six-inch and sumaller |  |
| bores. The twenty-fuch Rodman closety rosembies in outline and relative |  |
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| ly resembies in outline and relative proportions the celebrated fifteen-Inch |  |
|  |  |
| amooth bores, of which so many were uned in the Civil War. The length of |  |
| uned in the Oivil War. The length of this gun in twenty feet three and a |  |
|  |  |
| have feet four luches, the diameter of | hatr fnches, the masimum dlameter |
| the muzzle is two feet ten inches, nud |  |
|  |  |
| the total weight 115,200 pounds. For the sake of comparison we recapitu- |  |
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| an example or chisese persgveranor |
| :--- |
| $\begin{array}{l}\text { Wide stairway constructed out of the } \\ \text { rock Itself. The stairway, the attrac- }\end{array}$ | rock itself. The stairway, the attrac-

tree houses on the slope of the rock,
nnd the tempe on the kummit are evt
dence of the remarkable perseverance dence of the remarkable persec
and industry of the Chinese.
Switzerland enjoys the umenvinble
atstinetion of having a larger percentage of lumactics than any other coun-
try.
In Switzorinnd a favorite dish is In Switzerland a favorite dish is
bolled chestuts mashed fise and
served with whipped crenm. In proportion to its size, switzeriand
hans moore inns than any other country
In the world. The eatertalnment of touriats has become the chief indanstry
of the land. and thas been offictrly of the land, and has ben offlctally
computed to bring in $\$ 23,000,000$ a
year. Little Swltacrland comes up with
125,000 men. of whom 102.507 are th.
fantry, $37 \pi 8$ cavalry and 21,032 artil. lery. The cost of her army anmunilly
is about ss,750.000.
The waterfalls of switzerland nre The waterfalls of Switzeriand are
bellay raplly utilzed for the driving find a place of any, size which ts not
well Hylted by the power of some The longest tunnel in the world is
that of St. Gothard. on the line of the allroad between Millnu and Lacerne. It is nine and a quarter miles in length
and cost over $\$ 15,000,000$.- Stray nud co
stories.
The Game of Cerman Eant Atrien.
The Governor of Cer
a reports to the Foreign omice in
Berlin that whilst
most disappeared from the districts
under his control, hippopotami, Hons,


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## \section*{   <br> <br>  <br> <br>  <br> <br> <br> $\frac{1}{4}$ <br> <br> <br> $\frac{1}{4}$ <br> <br> <br> $\frac{1}{4}$ <br> <br> <br> E. ${ }^{2}$

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SOD USED AS FUEL
 QUick Boiling ketre. The Aetive Hemining surne.
 many houra th the kitchen, nnd the
quick- toolling kettle iltuxtrated bere


HOT WATER KETTLE WITH HOT AIB YUBE which is designed to further expedite
cooking operations dependent on cooking operations dependent on
quick supply of hot water. The ordur
ary kettle heats water. most rapldily when it is made of copper and has a
large fire surface. In the kettle here shown this heating surface is further
licreased ty four taper tubes, large
at the bottom at the bottom and small at the top
which pass trough the body of thi
kettle. These act as flues for the hot which pass through the body of thi
kettle. These act as fuus for the ho
gases, and, as the water to the kett gases, , nnd, as the water in the kette
II in contact with therl sides, they act
as so much heating surface. It is as ns so much heating surface. It is as
gerted that a kettle of thas design, even
when made of Iron, under the same
conditions of tire, will bring a given when made of Iren, under the kame
conditions of fire, will bring a given
quantity of water to the boilng potme
in one-hnif the time that an ordinary

The sedictmal Value of splders. In some out-of-the way districts in
the south of Ireland splders are high
Iy esteemed In the treatment of Iy esteemed in the treatment of croup.
The peasants get from an old wall the
webs of seven black splders-two of which must have been the owners sit-
thig in the midale. The finsects ar
kill powdered alum. The resulting mixture must then be bolled, and when cool
the Hquld is poured down the throat of the patient
Black spide
to be full of medtectanl virtue. for they are largely employed in the trentment
of ngue as well. In Somersetshire, if of ngue as well. In Somersetshire, If
one Is aftheted with this unpleasant
allment, the way to get well is to shut up a large bhack splder in a box and
leave it thero until lit dies. At the moment of its decease the ange shonlad
misappear. In Corawall the treatment disappear. In Cornwall the treatment
is more heroie. The pationt must
swallow the spider, which is generally swallow the spinger
taken in thick gruel.
In the extreme north of scotiand
splders' webs are belleved to be a cure splders' webs are belleved to be a cure
for neuralgia and toothache. The
wate are colleted and wabs are cole, which is applifed to the
smpot where the pain is felt.-Answers
spo Anestor of the Tomato.
In the Botante Garden of the Bio-


 a pleture, and tempts one to do away
with fireplaces, bulld chimney corneri and limport peat.
A peat fre hasi one drawback; when
once lit it should never be allowed to once eute out. A bellows is a neecessity.
go quily
as with to as with that old-fustioned tmplement the glowing ashes are consed int
flame, and with the adation of freat thame, and with the addition of freeh
peat the fire is made up for the day
agalin. There are many otd-fakbioned ,
 peat ine g
The zre
that the $\left\lvert\, \begin{aligned} & \text { tat the turt w1 } \\ & \text { many parte it ha } \\ & \text { but ovidence }\end{aligned}\right.$ out evidence remalus of the eristence
of Pennsglvanta are some fine spec
mens of the plant from which the cu Utrated tomato has been evolved. Th
blossom is of the dainty whitish tho plant is thorny. The little tomatoo
are of the same gree are of the same green and red as tbe
cutuvated tomato.- Fulladelphia nec
ord.

 wants at least a day to look up the an
swer, and when he gets it it is ust
ally ally unsatisfactory. "Well." answered the parent, with a
sigh. "time alone can tell. I suppose
he will turn out to the he will turn out to be etther a grea
diplomat or aplomat or
ington Star.
Suakes an poenestie Animate.
There are pertaps th no other coun-
try of the World so many rats an In
Jipan. The wooden builialigs with

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THE EDICTS OF FASHION.

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|  | or six yards forty-four fnches wide. will be required. |
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| of tayere |  |
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|  | Ruestan stive are alwys comporas |
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order that it may be hundered and
made fresh at need; but tlannelette is
outloly
andente
entiroly sultabie when greater warmith
Is requircd, ns la any tnexpensive likbt. welght woolen material. Whth the
gown miould be
necktiles and bo
The walut tit
The walut in in
citern from a th

