BALLOONS AS BATTERIES
 on an sean

 Withio asar thio Freand hato woer







 Against billoonsunses wormed foree, on
land or water, can have any means of


 monhild hare the samme evoloity oid
reaching the enrth ngain as when dis
 soewty that sharpphooters could easily
pepper tit mith hecoural)
Even so, the balloon would




 night, or in a fog, it would be bentirely
nafe from observation. Or it is easy


 homing pigeones, which carried beak
news to the beleagured metropolis
ten

 ceptured which were low down through


 ridges upon their deokk This conld
boseomplished with the utmots ac.
eurrey and precision.










 The tiden on wiich the fatrons sirr
Maxim hat been working for some time patt is a cylinder of aluminum
containing a three-fourtha svenum, it


 over neity, which muat pay ransom of
be dentorech However, Profesosor $\mathbf{H} \boldsymbol{A}$. Hazen, of








 ing broad jump."
At Con onae where the Romans sues
tained the woret defeat they exer ex.












 A Trive. Theh Hoie Orer a nile Depp.
The deepat boring of which we have



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taining the (emperaturo it different
depthe the Thoring will then the


## sciemtific axd industrial.

 1647 . In Germany there is is law forbid
ding retarnaterirs to serve beer to
people who beve te The apple hasa a larger proporti
 The averago cost of huilding an
English irochal is 8240 per ton
 A wind blowing at the rato of nine leen miles an hour exerta a presaruro o
bat one and four-fifth pounds to the
square foot.




 suweerer than sugar, and free from cer
tuin ojicectionable properties of sacha
rine






