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The largest steam engine at the World's  
Fair, simply for exhibition, has a horse-  
power of 2,000, and is of the Reynolds Cor-  
ossius type. The next in size there will  
have only 1,000 horse-power.

Corn husks boiled in caustic soda are  
being utilized for the manufacture of paper.  
The cooking process results in the forma-  
tion of a spongy, glutinous paste, which  
is subjected to heavy pressure so as to  
eliminate the gluten, the fiber remaining  
being made into paper in the ordinary  
way.—S. int'l American.

This good story is picked up by "Pow-  
er": "A customer of Mr. Corliss was criti-  
cising the latter's fly-wheel, and laying a  
great deal of stress upon the fact that the  
flat arms offer little resistance to a  
sidewise stress. 'Yes, but my dear  
sir,' pleasantly interrupted the great in-  
ventor, 'I did not design the wheel to run  
sideways.'"

Some one expresses the opinion in  
"The Engineering News" that the Swiss  
turbine wheels selected to run the dyna-  
mos at Niagara will transmit only from  
75 to 80 per cent. of the power which  
drives them, and that they are not superi-  
or to the American wheel (Pelton) which  
was discarded, and which, it is claimed, is  
good enough for at least 80.

The question is sometimes asked, Why  
do they wet the gun-cotton in a shell  
when tests are being made of guns like  
those of the Vesuvius? The precaution  
is intended to prevent premature explosion,  
either in the gun or while handling. The  
water is applied only to the outside of  
the charge, whose explosive power is not  
impaired if the primer is inserted far en-  
ough.

A remarkable series of Roman iron  
tools, over 60 in number, were discovered  
in a rubbish pit during excavations at  
Silschester in 1890. Among the tools are  
anvils, hammers, chisels, gauges, adzes  
and a carpenter's plane, the only one yet  
found in Britain. The find also included  
two plow coulters, a sword blade, a large  
gridiron, a lamp and a bronze steelyard  
—The Athenaeum.

A trolley-car system is being tested  
in Washington, D.C., for which the cur-  
rent is supplied from a conduit under-  
ground, instead of by an overhead wire.  
The buried trolley wire is cut in  
into sections, each 200 feet long;  
only the one in contact with the  
trolley wheel carries electricity at  
any moment. Automatic switches  
control this. A supply wire, of course,  
runs parallel with these sections.

"The Nile," says a scientist, "has a  
fall of but six inches to the 1000 miles.  
The overflow commences in June every  
year and continues until August, attain-  
ing an elevation of from twenty-four to  
twenty-six feet above low-water mark,  
and flowing through the 'Valley of  
Egypt' in a turbulent body twelve miles  
wide. During the past 1000 years there  
has been but one sudden rise of the Nile,  
that of 1829, when 30,000 people were  
drowned."

The ethnographic exhibit at the Chi-  
cago Fair will be partly within the main  
building and partly outdoors—the collec-  
tions being within and other features with-  
out. The American department will in-  
clude specimens of native tribes living their  
usual life and engaged in their usual occu-  
pations; relief maps of the most famous  
earthworks of the Mississippi Valley,  
models of the mysterious structures of  
Yucatan and Central America, with casts  
of the hieroglyphics; Peruvian mummies;  
palaeolithic implements and relics of the  
mound builders; photographs of mounds  
and ruins from Alaska to Tierra del Fuego;  
illustrations of primitive religions, games  
and folk lore; and numismatic, zoological,  
geographical and natural history collec-  
tions in general.—Popular Science Monthly.

POET--LORE

THE MONTHLY MAGAZINE OF LETTERS.  
Browning Anniversary Number.  
MAY 1893.

Robert Browning—The Man: Some further Remi-  
niscences. William C. Kingsland.  
From the Provencal of Sordello, Troubadour.  
Prof. Owen Seaman.  
Aristophanes' Philosophy of Poetry According  
to Browning. Helen Leah Reed.  
Ideals of Beauty in Keats and Browning. Alice  
Griffith.  
Gentle Will, our Fellow. F. G. Fleay.  
Browning's Mastery of Rhyme. Dr. William J.  
Hofe.  
Browning's Mildred. J. J. Britton.  
The Sightless. Maurice Maeterlinck.  
Browning Books of the Year. Triggs' 'Browning  
and Whitman. A Study in Democracy.' P.—Rev  
elli's 'Browning's Criticism of Life.'—'Browning's  
Prose Life of Stratford,' etc. C.  
The City of Dreadful Night. C.  
Notes and News. The Original Book of Browning's  
'The Ring and the Book.'—Some Interesting  
Reminiscences of Browning, Carlyle, Lowell,  
Holmes, etc., by Moncure D. Conway.—Browning.  
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Society. E. E. Marean

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after the first day of June next at the office of the  
Company, corner of Victoria and Adelaide Streets,  
Toronto. The transfer books will be closed from  
the 17th to the 31st of May, inclusive. Notice is  
also given that the general annual meeting of the  
Company will be held at 2 o'clock p.m., Tuesday  
June 6, at the office of the Company, for the pur-  
pose of receiving the annual report, the election of  
directors, etc. By order of the Board.

S. C. WOOD, Manager.

Toronto, 19th April, 1893.