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ing roofing material.—*Kate Field's Washing-*  
*ton.*

Sir Benjamin Richardson, an eminent Lon-  
don physician, gives it as his opinion that bi-  
cycling, long persisted in, will inevitably injure  
the spine, the lungs and the circulation of the  
rider.

The cancellation of stamps by electricity is  
being adopted by the Post-Office Department  
of the United States, recently patented stamp-  
ing machines being used for that purpose and  
also for the postmarking of letters.

The cholera in Russia is less virulent. The  
official statistics show that from May to Sep-  
tember, 1892, there were throughout the em-  
pire 433,643 cases of the disease and 215,157  
deaths, and from January to November, 1893,  
76,167 cases and 30,284 deaths.

It is proposed to build a cantilever bridge,  
of 1,800 feet clear span, across the Ohio river at  
Cincinnati. The engineer of the scheme is  
Mr. G. W. G. Ferris, the designer of the Fer-  
ris Wheel at the World's Fair. That will be  
the largest span of the kind in the world.

In order to search for the bodies of two  
persons recently drowned in Cayuga Lake, in  
Western New York, electric lights were sub-  
merged to a considerable depth last week, be-  
ing lowered from a steam launch that could  
that could not only move about, but also carry  
a dynamo.

A new process of making mirrors is to be  
employed by a company recently organized in  
Lynn, Mass. It consists of the application of  
some chemical preparation to the glass and  
then varnishing the same to prevent scratch-  
ing. Very little time or apparatus is required  
for this work, it is said, and the production  
will be cheapened greatly thereby.

A coast gun built by Krupp, when being  
tested at the Meppen proving grounds recent-  
ly, threw the projectile 65,616 feet or nearly  
13 miles, the gun having an elevation of 44  
degrees. The projectile weighed 474 pounds;  
the charge of powder 253 pounds; giving an  
initial velocity of 2,099 feet. It is estimated  
that the projectile reached an altitude of 21,-  
456 feet, and its flight occupied 70.2 seconds.

An engineering feat worthy of note was ac-  
complished a few days ago in the completion  
of the boring of the Busk-Ivanhoe Railway  
Tunnel under the Rocky Mountains at Hager-  
man Pass, Col. The tunnel is close upon two  
miles long, and is bored through solid grey  
granite. Its accomplishment involved three  
years and 20 days' work, each day being of  
20 laboring hours. The tunnel is 10 800 feet  
above sea level, and is on the line of the Col-  
orado Midland Railway.

The nationality of Pasteur's patients is an  
interesting item. France and Algeria sent him  
1,584 in 1892, and Algeria is notorious as a  
source of supply of bitten persons. Portugal  
sent 96, England 26, Belgium 11, Egypt 12,  
Spain 14, Greece 19, Russia and the United  
States 1 each, Holland 14, Switzerland 3 and  
India 9. In Russia and elsewhere, I fancy,  
they have institutes of their own for the prac-  
tice of Pasteur's treatment. From Madeira  
one patient came, his injury arising from a  
rabid dog which had been bitten by a Portu-  
guese dog. Till then rabies was unknown in  
Madeira.—*Illustrated London News.*

The report of the "Leprosy Commission  
of India" fills a bulky volume of 456 pages.  
The geographical distribution of leprosy  
throughout India is lucidly set forth in three  
large maps, colored. These show the changes  
in the number and proportion of lepers in the  
three Presidencies, according to the three  
census returns of 1871-81 and 1891, and the  
most affected districts. The last, that of  
1891, exhibits a general decrease of leprosy all  
over India; a very satisfactory condition  
brought about chiefly by the efforts made of  
late years to improve the sanitation of the  
country.—*New York Medical Record.*

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