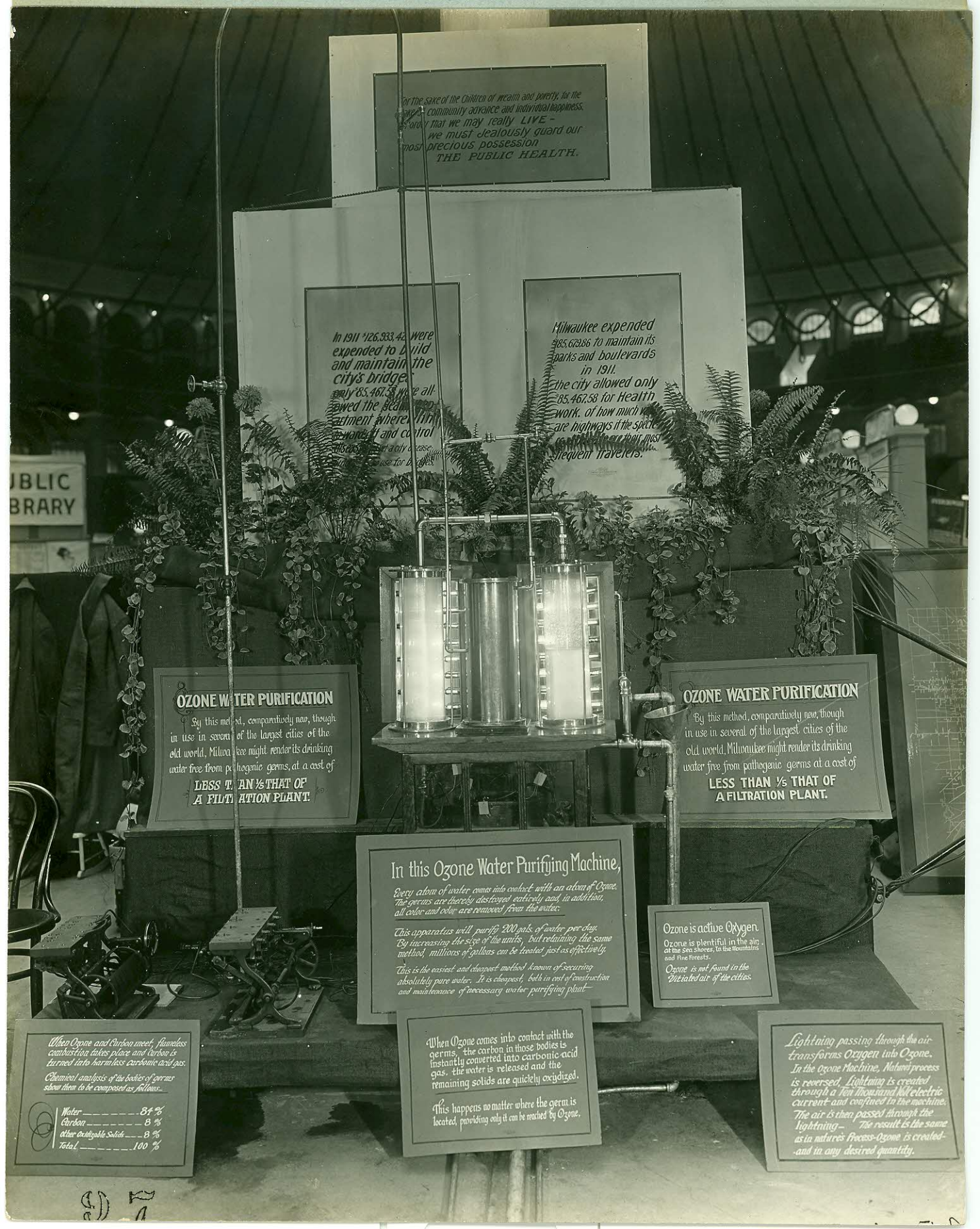
For the sake of the Children of wealth and poverty, for the
community advance and individual happiness,
that we may really LIVE -
we must jealously guard our
most precious possession
THE PUBLIC HEALTH.
In 1911 $126,933.42 were
expended to build
and maintain the
city's bridges
Milwaukee expended
$85,672.86 to maintain its
parks and boulevards
in 1911.
the city allowed only
$85,467.58 for Health
work. of how much
are highways if the
frequent travelers.
OZONE WATER PURIFICATION
By this method, comparatively new, though
in use in several of the largest cities of the
old world, Milwaukee might render its drinking
water free from pathogenic germs, at a cost of
LESS THAN 1/5 THAT OF
A FILTRATION PLANT.
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old world, Milwaukee might render its drinking
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A FILTRATION PLANT.
In this Ozone Water Purifying Machine,
Every atom of water comes into contact with an atom of Ozone.
The germs are thereby destroyed entirely and, in addition,
all color and odor are removed from the water.
This apparatus will purify 200 gals. of water per day.
By increasing the size of the units, but retaining the same
method millions of gallons can be treated just as effectively.
This is the easiest and cheapest method known of securing
absolutely pure water. It is cheapest, both in cost of construction
and maintenance of necessary water purifying plant.
Ozone is active Oxygen
Ozone is plentiful in the air
at the Sea Shores, In the Mountains
and Pine Forests.
Ozone is not found in the
vitiated air of the cities.
When Ozone and Carbon meet, flameless
combustion takes place and Carbon is
turned into harmless carbonic acid gas.
Chemical analysis of the bodies of germs
show them to be composed as follows.
Water 84 %
Carbon 8 %
Other Oxidizable Solids 8 %
Total 100 %
When Ozone comes into contact with the
germs, the carbon in those bodies is
instantly converted into carbonic acid
gas, the water is released and the
remaining solids are quickly oxidized.
This happens no matter where the germ is
located, providing only it can be reached by Ozone.
Lightning passing through the air
transforms Oxygen into Ozone.
In the Ozone Machine, Nature's process
is reversed. Lightning is created
through a Ten thousand Volt electric
current and confined in the machine.
The air is then passed through the
lightning - The result is the same
as in nature's process - Ozone is created
- and in any desired quantity.