

EDISON LETTER

Edison To Charles Batchelor December 28th 1882

New Compound For Sockets Of Lamps

Interlinear Translation From Antiquesockets.com

I have just got a new compound
I have just got a new compound

that I think will be good for sockets of
that I think will be good for sockets of

Lamps. I have not however tried it for this
Lamps. I have not however tried it for this

purpose yet I am using it to stick mica
purpose yet I am using it to stick mica

together and it works splendidly. we
together and it works splendidly. we

roughen the mica pieces with sand paper
roughen the mica pieces with sand paper

then punch a few holes in each piece, and
then punch a few holes in each piece, and

the mica thinly with the compound and
the mica thinly with the compound and

so build up anything we want.
so build up anything we want.

Bergmann is going to experiment
Bergmann is going to experiment

with the compound to see if he cannot
with the compound to see if he cannot

mould the sockets thus displacing wood
mould the sockets thus displacing wood

It is composed of common oxide of
It is composed of common oxide of

magnesia mixed with saturated solution
magnesia mixed with saturated solution

of chloride of magnesia. There may be

of chloride of magnesia. There may be

several times its own bulk of inert matter
several times its own bulk of inert weight

mixed with it such as finely powdered
mixed with it such as finely powdered

sand, emery, &c. It sets in twelve hours
sand, emery etc. It sets in twelve hours

harder than marble. I enclose sample
harder than marble. I enclose sample

boy says sample made with 10 cubic
boy says sample made with 10 cubic

cent of chloride magnesia solution, 10
cent of chloride magnesia solution, 10

grammes of oxide magnesia.
grammes of oxide magnesia.

You can experiment on proper

You can experiment on proper

amount of oxide & chloride.
amount of oxide & chloride.

Yours truly

Yours truly

Thomas A Edison

Thomas A Edison

EDISON LETTER
UNTOUCHED VERSION

28th Dec 2

My Dear Hatcherlog

Referring to your letter of 12th inst I think the explosion you refer to is due to ancing. We have fixed the wires in the inside part by using enucleated wires. I will speak to Upton about the rearranging you that the necessary change is made. There must have been some change in your carbonization & being not down as Upton cannot see how a drop of two volts could take place in the wet plaster as the force would be sufficient to eat the wires off in a few days.

I have just got a new compound that I think will be good for sockets of lamps. I have all however tried it for this purpose yet I am using it to stick mica together and it works splendidly. We roughen the mica pieces with sand paper then punch a few holes in each piece, cover the mica thinly with the compound and so build up anything we want.

Dougmann is going to experiment with the compound to see if he cannot mould the sockets thus displacing wood. It is composed of common oxide of magnesia mixed with saturated solution

