

# UNITED STATES PATENT OFFICE.

CHARLES CONNER, OF NEW YORK, N. Y.

## RUBBER COMPOUND.

SPECIFICATION forming part of Letters Patent No. 258,021, dated May 16, 1882.

Application filed March 18, 1882. (No specimens.)

*To all whom it may concern:*

Be it known that I, CHARLES CONNER, of the city, county, and State of New York, have invented a new Rubber Compound, of which  
5 the following is a full, clear, and exact description.

My invention consists of a rubber compound or composition which will stand a high degree of heat.

10 My composition consists of the following ingredients, combined in substantially the proportions and manner stated, viz: raw india-rubber, one pound; soda, two pounds; lime, four ounces; camphor, three drams; sulphur,  
15 one ounce and ten drams. These ingredients are first thoroughly mixed or mingled by working the mass on the rubber-grinding machine or mill in the same manner rubber is worked in the vulcanizing process. From the mill the  
20 mass is taken to the calendering-machine and rolled down into a sheet of suitable thickness to suit the purpose for which it is to be used, and then this sheet is put into a room or compartment and heated by steam or otherwise  
25 up to a temperature of about 290° Fahrenheit.

In case the rubber is to be used for wrapping wire or similar purposes, the sheets will in such case be cut into ribbons of suitable width and applied to the wire before heating, and then the wrapped wire will be placed in  
30 the room or compartment and heated to the temperature mentioned.

In order to hasten the change in the compound which the heating causes, I may in some instances add to the ingredients one  
35 quarter of a pound of white lead.

This compound will stand a very high degree of heat without material change, and will be very elastic, and will not break or crack, and is fire-proof.  
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Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

The herein-described composition of matter, consisting of rubber, soda, lime, camphor, and  
45 sulphur, in about the proportions specified.

CHARLES CONNER.

Witnesses:

H. A. WEST,  
C. SEDGWICK.