

UNITED STATES PATENT OFFICE.

WILLIAM E. MOUCK, OF SANTA BARBARA, CALIFORNIA.

VULCANIZING FUEL.

1,298,546.

Specification of Letters Patent.

Patented Mar. 25, 1919.

No Drawing.

Application filed August 16, 1918. Serial No. 250,195.

To all whom it may concern:

Be it known that I, WILLIAM E. MOUCK, a citizen of the United States, and a resident of Santa Barbara, in the county of Santa Barbara and State of California, have invented a new and Improved Vulcanizing Fuel, of which the following is a specification.

My invention relates to fuel compositions and more particularly to a fuel composition adapted for use in vulcanizing, in which an important desideratum is the assurance that the composition will promptly ignite and develop the required degree of heat as well as possess the property of sustaining the heat over the required period. At the same time as will be readily understood the gas of the fuel should be low to make the practical use of the fuel possible. The general object, therefore, of my invention is to provide a fuel possessing to a high degree the characteristics referred to.

My improved composition is made up of sawdust, ten to twenty parts; ground walnut shells, ten to twenty parts; saltpeter, two to four parts; and celluloid, one to two parts.

The ground walnut shells mingle well with the saw-dust and possess a fuel value not inferior to good coal in the quality of holding the fire beyond the combustion of the sawdust, whereas the celluloid can be relied upon to quicken combustion even when the saltpeter in the mixture has become deteriorated to a degree to be slow in igniting. The mixture as a whole furnishes a vulcanizing fuel that can be relied upon for good service and may therefore be confidently employed with the assurance that the required heat for vulcanization will be quickly developed and will be sustained over the necessary period.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent:

A vulcanizing fuel made up substantially of sawdust, ten to twenty parts; ground walnut shells, ten to twenty parts; saltpeter, two to four parts; and celluloid, one to two parts.

WILLIAM E. MOUCK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."