

# UNITED STATES PATENT OFFICE.

BERNHARD HOFFMANN, OF PARIS, FRANCE.

## PROCESS OF SOLIDIFYING PETROLEUM.

SPECIFICATION forming part of Letters Patent No. 641,962, dated January 23, 1900.

Application filed April 1, 1899. Serial No. 711,405. (No specimens.)

*To all whom it may concern:*

Be it known that I, BERNHARD HOFFMANN, engineer, a citizen of Germany, residing at No. 23 Rue le Peltier, Paris, in the Republic of France, have invented a certain new and useful Process of Solidifying Petroleum and Manufacturing Briquets Therefrom, (for which I have made application for a patent in Great Britain, dated March 14, 1899, No. 5,564, and in Germany, dated March 11, 1899,) of which the following is a specification.

This invention relates to an improved process of solidifying petroleum; and it consists, essentially, in adding to the petroleum a quantity of curd soap and stearin, and heating and stirring the mixture until the ingredients are melted and thoroughly mixed, so that a homogeneous mass is obtained which solidifies on cooling. A suitable proportion of the said ingredients is, for example, as follows: ninety-one parts, by weight, of petroleum, seven parts of curd soap, and two parts of

stearin. These proportions, however, may be somewhat modified to give the solidified mass any required consistency from that of wax to that of cream.

Having described my improved process, what I claim is—

The herein-described process of solidifying petroleum oil, which consists in mingling, approximately, ninety-one parts by weight of such oil with seven parts of curd soap and two parts of stearin, heating the mixture until the soap and stearin are melted and thoroughly mixed, and then cooling and solidifying the same, substantially as specified.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

BERNHARD HOFFMANN.

Witnesses:

GERALD L. SMITH,  
EDWARD GARDNER.