

# UNITED STATES PATENT OFFICE.

GEORGE W. HASTINGS, OF GRAFTON, MASSACHUSETTS.

## BURNISHING-WAX.

SPECIFICATION forming part of Letters Patent No. 306,486, dated October 14, 1884.

Application filed August 19, 1884. (No specimens.)

*To all whom it may concern:*

Be it known that I, GEORGE W. HASTINGS, of Grafton, in the county of Worcester and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Burnishing-Wax for Use in Finishing the Edges of the Soles and Heels of Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description of the same.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

The nature of my invention consists in an improved burnishing-wax, consisting of the following ingredients, viz: ceresin-wax, carnauba-wax, and rosin, mixed and combined together substantially as hereinafter described.

In the preparation of my improved burnishing-wax I have found that the following proportions of ceresin, carnauba, and rosin produce good practical results in finishing the edges of the soles of boots and shoes: ceresin-wax, fourteen pounds; carnauba-wax, twenty-four pounds; rosin, five pounds; total, forty-three pounds.

The above ingredients are placed in a suitable vessel and subjected to heat sufficient to thoroughly melt the same, they being well stirred and mixed during the operation of melting. After said ingredients have been melted and stirred and mixed together and combined, the mixture is turned into suitable molds and allowed to cool and harden, after

which it is removed, and is then ready for use in the same manner as other burnishing-wax is used for burnishing the edges of the soles of boots and shoes by machinery.

As there is less friction, and consequently less heat, generated by the machinery employed for burnishing the edges of the heels of boots and shoes, the wax for such purpose should not be quite so hard as that used in the burnishing of the edges of the soles, and consequently for the same number of pounds as above stated, to be used in burnishing the edges of the heels of boots and shoes, I have found the most desirable proportions to be as follows: ceresin-wax, twenty-five pounds; carnauba-wax, fifteen pounds; rosin, three pounds; total, forty-three pounds.

I do not limit myself, however, to the proportions above named, as the said three ingredients may be compounded together in different proportions and yet produce good practical results.

What I claim, and desire to secure by Letters Patent, as an improved article of manufacture, is—

A burnishing-wax for finishing the edges of the soles and heels of boots and shoes, consisting of ceresin-wax, carnauba-wax, and rosin, mixed together, substantially as described.

GEORGE W. HASTINGS.

Witnesses:

THOS. H. DODGE,  
CHAS. D. GAY.