

UNITED STATES PATENT OFFICE.

GEORG FRIEDRICH KROHN, OF ALTONA, ASSIGNOR TO AUGUST PAUL
HORN, OF HAMBURG, GERMANY.

PROCESS OF POLISHING WOOD.

SPECIFICATION forming part of Letters Patent No. 545,235, dated August 27, 1895.

Application filed August 3, 1894. Serial No. 519,386. (No specimens.) Patented in Germany April 27, 1894, No. 75,740.

To all whom it may concern:

Be it known that I, GEORG FRIEDRICH KROHN, a subject of the Emperor of Germany, residing at Altona, in Germany, have invented
5 new and useful Improvements in the Process of Polishing Wood, (for which I have obtained a patent in Germany, No. 75,740, dated April 27, 1894,) of which the following is a specification.

10 In polishing furniture according to the ordinary method it is first rough-polished with one of the usual polishes and afterward finished off by being polished with spirit or alcohol. This final polishing with spirit or
15 alcohol is a very laborious and tedious operation, since the spirit or alcohol does not dissolve, or only very slightly, the oils and fats left upon the furniture by the first or preliminary polishing. Now the furniture-polish hereinafter described is intended to be
20 employed in place of the spirit or alcohol for the final polishing operation. It is prepared by mixing, in or about the proportions given, the following substances in the manner herein
25 set forth: Two hundred and forty kilograms of alcohol, such as methylated spirit, are intimately mixed with one hundred and twenty kilograms of acetone and slightly heated. In this mixture eight kilograms of benzoin and

sixteen kilograms of sandarac are completely
30 dissolved. After this solution has been carefully filtered four hundred and forty kilograms of benzine are added and intimately mixed therewith by shaking. In this manner
35 there is produced a perfectly-clear liquid, which is ready for use as a finishing-polish. The high percentage of benzine which it contains dissolves very quickly the fats remain-
40 ing from the rough polishing, so that by the use of this liquid a very highly-polished surface on the article treated can be produced in a very short time. The high degree of polish
45 is very lasting, and the polished surface is not liable to become cracked or to assume a dull or blistered appearance.

What I claim is—

The process of polishing wood which consists in first rough polishing it and then finishing it off with a mixture composed of alcohol, acetone, benzoin, sandarac and benzine, 50 substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORG FRIEDRICH KROHN.

Witnesses:

WILHELM KOCH,
HEINRICH EGGERS.