

UNITED STATES PATENT OFFICE.

EBEN GRIFFITH, OF WEST KILLINGLY, CONNECTICUT.

IMPROVEMENT IN BELT-STICKING COMPOUNDS.

Specification forming part of Letters Patent No. **156,285**, dated October 27, 1874; application filed August 28, 1872.

To all whom it may concern:

Be it known that I, EBEN GRIFFITH, of West Killingly, in Windham county, Connecticut, have invented a certain Compound called Belt-Sticker, of which the following is a specification:

The nature of my invention consists in mixing white lead, soap, tallow, rosin, bees-wax, and lamp-black with linseed-oil and belt-oil, to be applied to either flat or round belts and drum-bands in manufacturing establishments.

To prepare the belt-sticker, take of Anthony's family soap, two pounds; rosin, one-half pound; bees-wax, one-half pound; tallow, two pounds; pure white lead, two and one-half pounds; raw linseed-oil, one quart; belt-oil, one quart; and lamp-black, three ounces. After mixing the lead, oils, and lamp-black well together then add the other ingredients, and heat slowly until dissolved; then let it cool, stirring it a little while cooling.

When cold it is ready to be used on any kind of belts in any season of the year, except that in hot weather one-quarter of a pound less of tallow, and in cold weather one-quarter of a pound more might be more desirable than the two pounds above specified.

This compound may be prepared thicker or thinner, if desirable, by varying the quantity

of the oils; but the proportion of the various ingredients as given above I consider to be the best for general use.

The mixture should not be heated more than sufficient to dissolve it thoroughly, for if heated too much the compound will be harder but not as good for use. It should be applied to the working-surface of the belts with a roller-brush, or any ordinary stiff brush.

This compound is valuable for general use in all manufacturing establishments, as it does not injure the belts, but on the contrary tends to preserve them, keeping them soft and pliable; and in consequence of the greater adhesion to the pulleys resulting from its use it enables the belts to be run much looser than would be practicable without it, so that a considerable saving of expense and power is gained by its use.

I claim as my invention—

The belt-sticker herein described, consisting of soap, rosin, bees-wax, tallow, white lead, linseed-oil, belt-oil, and lamp-black, all compounded substantially as and for the purposes herein set forth.

EBEN GRIFFITH.

Witnesses:

A. F. PARK,
SOLOMON LUCAS.