

UNITED STATES PATENT OFFICE.

JOSEPH H. OSGOOD, OF PEABODY, MASSACHUSETTS.

PRINTER'S ROLLER.

SPECIFICATION forming part of Letters Patent No. 250,675, dated December 13, 1881.

Application filed September 8, 1881. (No specimens.)

To all whom it may concern:

Be it known that I, JOSEPH HENRY OSGOOD, of Peabody, in the county of Essex and State of Massachusetts, have invented certain new and
5 useful Improvements in Printers' Inking-Rollers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use
10 the same.

My invention consists in an improved composition for printers' inking-rollers, and for kindred or other purposes.

The materials from which I make the composition are dextrine and glue or gelatine. These are mixed together in suitable proportions—say about one part of dextrine to two parts of glue or gelatine—and in a proper manner to give the requisite consistency, tenacity,
15 and yielding quality desired, which, of course, will vary according to the special use to which the composition is to be applied.

In some cases other material or substances may be added to this composition, as may be
25 desired, to suit the character of the work to be done—as, for instance, glycerine.

The composition, whether with or without such additional substance or substances, may be used for other purposes than inking-rollers; but in every case the dextrine is to be com-
30 pounded with glue or gelatine, this forming the leading feature of my invention.

The proportions may also vary to meet any variance in the quality of the respective ingredients employed.
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The dextrine may be that made from potato-starch, corn-starch, wheat, or other article, and it gives to the composition an excellent "tack" or "suction"—that is, the property of carrying ink, and without causing it to shrink or crack.
40 At the same time it gives body or density and makes it tough and strong.

I claim—

The described composition for printers' inking-rollers, in which are mixed dextrine and
45 gelatine or glue in the proportions substantially as set forth.

JOSEPH H. OSGOOD.

Witnesses:

THOS. AUBIN,
SAML. F. BARKER.