UNITED STATES PATENT OFFICE.

JOSEPH PECK BABINGTON, OF SHELBY, NORTH CAROLINA.

TYMPAN-SHEET AND COMPOUND FOR SAME.

SPECIFICATION forming part of Letters Patent No. 312,694, dated February 24, 1885.

Application filed August 26, 1884. (No specimens

To all whom it may concern:

Be it known that I, J. P. BABINGTON, a citizen of the United States, residing at Shelby, in the county of Cleveland and State of North Carolina, have invented certain new and useful Improvements in Tympan-Sheets and Compounds for Same, of which the following is a specification.

My improvement relates to a tympan set-off sheet; and it consists of a compound composed of the ingredients hereinafter specified, and the sheet coated with said compound.

The objects of my invention are to prevent set-offs on the tympan; to prevent the sheets from adhering to or sticking fast to the tympan, and to prevent the sheets from smearing while working the printed side next to the tympan. It also avoids the necessity of letting the sheets lie until the ink dries on the outside pages before working the inside. It does away entirely with extra sheets for the tympan, as a single sheet is sufficient while working a tale of ten to fifteen thousand sheets. It enables the foreman to proceed with his work on inside pages without experiencing any trouble from set-offs, adhesion, or smearing. With these ends in view I take a sheet of suitable paper, preferably good book-paper, of the size of the sheet to be worked, and with a sponge, brush, or other suitable means I saturate it well with a compound of the following ingredients, in substantially the proportions named, to wit: one-fourth ounce oil of lavender; one-fourth ounce oil of lemon; one-half ounce oil of sassafras; three ounces pure castor-oil; three ounces pure glycerine. I take the sheet thus prepared, and with a good paste apply it to the tympan, with the side on which the compound is spread facing the form. After the sheet is adjusted it should be rubbed off lightly with a cloth or paper to remove any surplus compound, and two or three blank sheets should be run off first before beginning the work. After the outside pages have been worked off a sufficient quantity of the compound should be applied to cover the full face of the impression on the tympan.

My improved sheet should not be applied until the forms are on the press and ready to work, and the press should not be allowed to stand long at a time, and especially not over night, after the sheet is applied, as already stated. In no case should an impression be taken directly on the tympan-sheet. The ingredients of the compound should be thoroughly mixed in compounding, and should be well shaken before being used.

Having thus fully described my improvement, what I claim as new, and desire to secure by Letters Patent, is—

1. A compound for coating tympan-sheets, consisting of oil of lavender, oil of lemon, oil of sassafras, castor-oil, and glycerine, in substantially the proportions specified.

2. An improved tympan-sheet consisting of suitable paper coated with a compound composed of oil of lavender, oil of lemon, oil of sassafras, castor-oil, and glycerine, in substantially the proportions named, and adapted to be applied to the tympan, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH PECK BABINGTON.

Witnesses:

S. M. EVANS,

C. P. ROBERTS.