(No Model.)

M. EHRET, Jr.

ROOFING PAPER ROLL.

No. 407,583. Patented July 23, 1889.

FIG. 1.

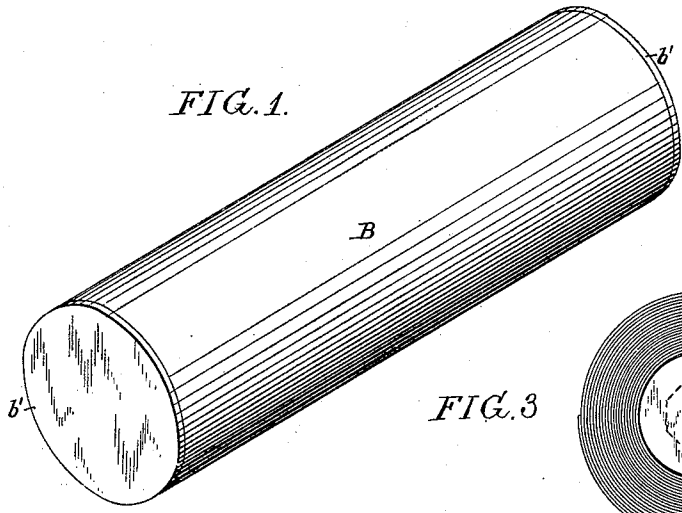


FIG. 3

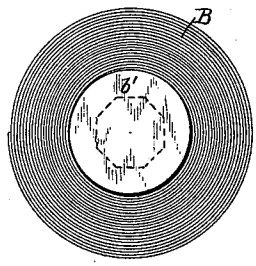


FIG. 2.

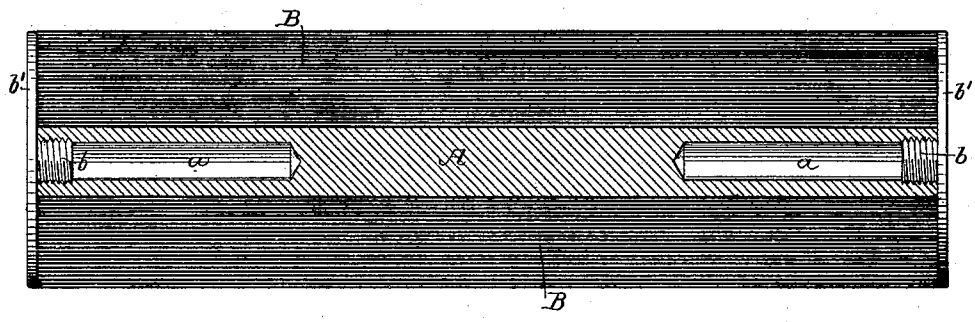


FIG. 5

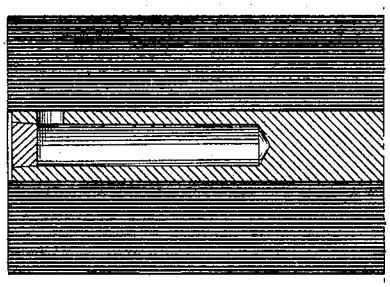
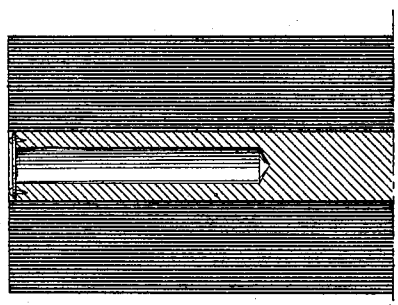


FIG. 4



Witnesses:
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UNITED STATES PATENT OFFICE.

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ROOFING-PAPER ROLL.

SPECIFICATION forming part of Letters Patent No. 407,583, dated July 23, 1889.

Application filed March 3, 1888. Serial No. 266,069. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL EHRET, Jr., a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Roofing-Paper Rolls, of which the following is a specification.

The object of my invention is to provide a simple, cheap, and secure means of forwarding to the users of rolls of roofing paper or felt the nails and washers usually sold with the same as a means of securing the strip of felt to a roof; and this object I attain by utilizing the core on which the roofing paper or felt is wound to form receptacles for said nails and washers, as fully described hereinafter, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a roll of roofing material with my improvement. Fig. 2 is a longitudinal section through the roll and its core. Fig. 3 is an end view showing the cap covering part of the roll only, and Figs. 4 and 5 are views illustrating modifications.

A is the core, made usually of wood and either square, round, or many sided, and B is the tarred paper or felt for roofing purposes, rolled around this core for convenience of transportation. This paper is what is generally known as "prepared" roofing, and is ordinarily used on farm buildings, sheds, and houses in newly-settled localities, the paper being attached to the roof by means of tacks or nails passing through large washers, so that the paper will not tear away from the head of the tack or nail; hence it has been customary to ship with each roll of roofing-paper a package of such nails and washers, these packages being usually wrapped up separately and attached to the roll in any convenient way. The objection to this is that in very many cases the bundles become detached from the rolls and are lost before reaching their destination.

I overcome the difficulty by utilizing the core A as a carrier for either the washers or roofing nails, or both, by forming a chamber *a* in one or both ends of the core, the openings being closed by means of suitable caps, as shown in Figs. 2, 3, and 4. One of the chambers I may utilize for the washers and the other for the nails, each holding a sufficient quantity to properly fasten down the material contained in the roll.

In Fig. 2 I have shown a cap in the form of a screw-plug *b*, having a wide flange *b'* extending beyond the core, thus not only preventing the escape of the washers or nails from these chambers, but also preventing the roll from slipping longitudinally on the core and protecting the ends of the roll of paper.

In Fig. 3 I have shown the cap covering only part of the roll.

In Fig. 4 I have shown the cap in the form of a metal plate secured to the end of the core by means of tacks, and in Fig. 5 I have shown the opening for the insertion and removal of the nails or washers in the side of the core, the chamber in this case being permanently closed at the outer end, and the nails or washers being placed in the chamber previous to the insertion of the core in the roll of paper, so that in order to remove the nails or washers the paper must be first removed from the core.

I claim as my invention—

1. A core for a roll of roofing-paper having a chamber at one or both ends and caps therefor larger in diameter than the core, substantially as and for the purpose set forth.

2. A core for a roll of roofing-paper having a chamber at one or both ends and a screw-cap closing said chamber, and having a flange of larger diameter than the core, substantially as and for the purpose described.

3. The combination of a core for a roll of roofing-paper with caps of larger diameter than said core and secured thereto, substantially as and for the purpose set forth.

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

MICHAEL EHRET, JR.

Witnesses:
HENRY HOWSON,
HARRY SMITH.