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PACKAGE ROLL OF METALLIC LEAF.
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929,557.

Patented July 27, 1909.

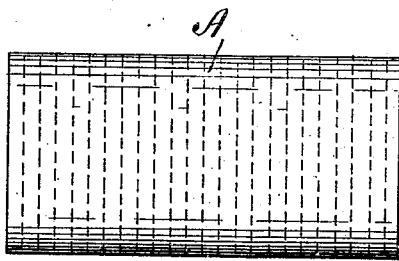


FIG. 1.

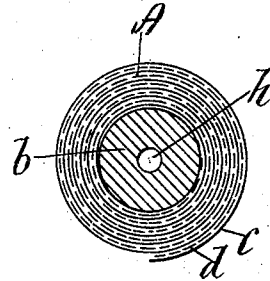


FIG. 2.

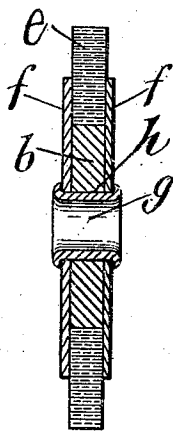
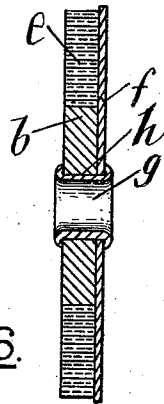


FIG. 3.

FIG. 6.

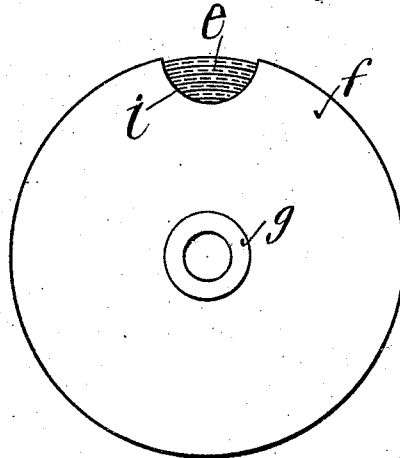


FIG. 4.

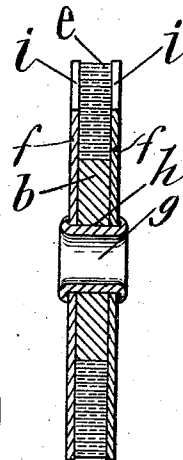


FIG. 5.

WITNESSES

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PACKAGE-ROLL OF METALLIC LEAF.

No. 929,557.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WALTER H. COE, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Package-Rolls of Metallic Leaf, of which the following is a specification.

In the manufacture of package rolls of metallic leaf as heretofore, a preliminary roll has been first formed by winding the lapped sheets of ordinary commercial metallic leaf upon an axially perforated cylinder of wood or other suitable material for a core, together with the required supporting strip of paper, and then dividing the preliminary roll into package rolls of the desired widths. But the supporting cores of these narrow-width package rolls are liable to shrink and become loose and then become laterally displaced, and it is the object of my invention to provide the narrow package rolls so formed, with a means for preventing such displacement. And my invention consists in providing the side or sides of the core upon which the supporting strip of paper and the fillet of metallic leaf have been wound, with a connected disk or plate whereby the loosened core will be retained in place and the danger of lateral displacement be avoided.

In the accompanying drawings, Figure 1 represents the side view of the elongated preliminary roll from which the required narrow package rolls are to be formed. Fig. 2 represents a transverse section of the same. Fig. 3 represents an axial section of a narrow package roll provided with my improvement. Fig. 4 represents a side view showing the preferred form of construction. Fig. 5 represents an axial section of the same. Fig. 6 represents a modification in which a single retaining plate is employed.

In the drawing, A represents the preliminary package roll which is made of the full width of the commercial metallic leaf, and provided with the perforated wooden core *b*, upon which the supporting paper strip *c* and the metallic leaf *d* are wound. The preliminary roll so formed is then to be divided into rolls of the required thickness or width, by means of a suitable cutter. But when the said rolls are made of very narrow width, as indicated by the dotted lines in Fig. 1, the supporting core *b* is liable to shrink and become loose, so as to be displaced laterally, and drop out when handling the package roll for use. I therefore apply to the sides of the

previously wound supporting core *b* of the narrow rolls *e*, the side plates or disks *ff*, which are preferably made as shown in Figs. 3 and 5, of pasteboard, or other suitable material, and connected to the said supporting core *b*, by means of a hollow rivet *g*, as shown in Figs. 3, 4 and 5. The hollow rivet *g* also serves to provide a proper bushing for the axial hole *h* in the core *b*, which hole is liable to become roughened and torn by the action of the cutter employed for dividing up the elongated preliminary roll A, into the narrow package rolls *e*.

The side plates *ff* may be made to extend beyond the edge of the package roll, as shown in Figs. 4 and 5, and in this case the said plates may be provided with a notch *i*, through which access may be had to the edge of the said package roll, to start the unwinding of the paper strip. The side plates *ff*, may be either tightly or loosely held to the side of the package roll by means of the said hollow rivet, but instead of being connected to the core by means of a rivet they may be connected thereto by any other suitable means, as by means of glue, but the connection by means of the hollow rivet is preferred.

A modification is shown at Fig. 6, in which the single retaining plate *f* is employed, the said single retaining plate being considered sufficient when the package roll is carefully used, and in this form of my invention the package roll is freely accessible at one side and is supported at the opposite side.

I claim as my invention:

1. A package roll of metallic leaf comprising an inner wooden core, and a central hole therein, a disk of greater diameter than the core and having a hole therein of the same diameter as the hole in the core, and a sleeve passing through both the holes in the core and disk for holding said disk against the core.

2. A package roll of metallic leaf, having a core with an opening therethrough, a retaining disk of larger diameter than the roll, a retaining sleeve passing through the disk and core for holding the disk in place, said disk having a recess at its outer edge for allowing access to the metallic leaf.

WALTER H. COE.

Witnesses:

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CHAS. E. SMITH.