

L. MOLLART.
BEEHIVE.

APPLICATION FILED JUNE 14, 1915.

1,159,785.

Patented Nov. 9, 1915.

Fig. 1.

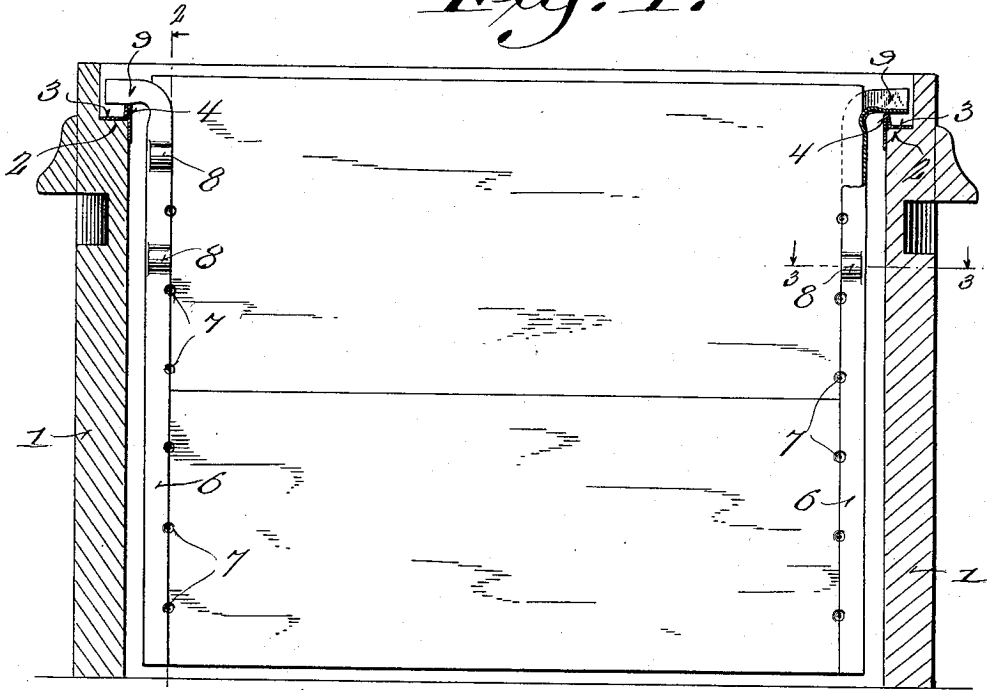


Fig. 2.

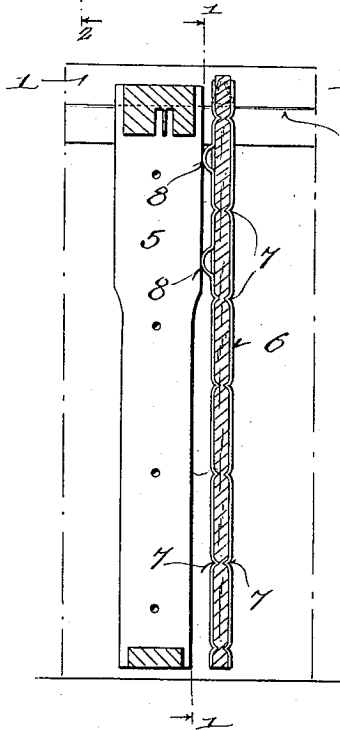
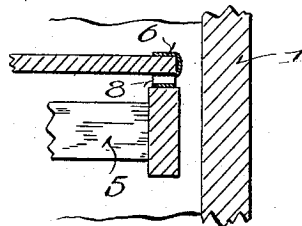


Fig. 3.



Inventor:

Lobegott Mollart.

Son Geo. W. Young,

Attorneys.

UNITED STATES PATENT OFFICE.

LOBEGOTT MOLLART, OF WATERTOWN, WISCONSIN, ASSIGNOR TO G. B. LEWIS COMPANY, OF WATERTOWN, WISCONSIN.

BEEHIVE.

1,159,785.

Specification of Letters Patent.

Patented Nov. 9, 1915.

Application filed June 14, 1915. Serial No. 33,865.

To all whom it may concern:

Be it known that I, LOBEGOTT MOLLART, a citizen of the United States, and resident of Watertown, in the county of Jefferson and State of Wisconsin, have invented certain new and useful Improvements in Beehives; and I do hereby declare that the following is a full, clear, and exact description thereof.

This invention relates to the subject of beehives, and has particularly in view improvements in the partitions that are employed to restrict the area of the interior of the hives, such for example as when the swarm of bees happens to be a comparatively small one, in which event, it is desirable to employ partitions between the comb frames so that the number of comb frames accessible to the bees are reduced.

The invention contemplates improvements in the type of partitions generally stated above by means of which the partitions are rendered strong and serviceable, easily positioned, and equipped with spacing means that will prevent them coming in contact with the comb within the adjacent comb frame, in addition to providing means whereby the partitions will have a hanging engagement with the usual ledges within the hive, the portions of the partitions that engage the ledges being positioned so that they may be readily grasped when it is desired to remove the partitions.

A simple and practical form of the invention is shown in the accompanying drawings, wherein—

Figure 1 is a vertical sectional view of a bee hive equipped with the improved partition, the section being taken on the line 1—1, Fig. 2. Fig. 2 is a sectional view taken on the line 2—2, Fig. 1. Fig. 3 is a detail view taken on the line 3—3, Fig. 1.

In the accompanying drawings, the improved partitions have been shown in connection with the usual, or any preferred form of bee hive 1, the hive being provided with the ledges 2 on its inner sides adjacent the upper ends thereof, as is usual. The ledges 2 are covered and reinforced by the sheet metal 3, said sheet metal being intermediately folded to provide the upstanding flanges 4. Preferably the sheet metal overhangs a portion of the sides of the hive below the ledges 2. The combs are within the usual frames that hang from the flanges 4,

one of such being shown in Fig. 2 and designated by the numeral 5.

The partitions which form the essential feature of this invention may be of wood, as usual, and if preferred may be formed in two sections. The end edges of the partitions are embraced and overlapped by the metal clips 6, which are of a substantially U-shape in cross section, and at intervals, such clips are indented to form projections 7 that are forced into the partition, so that the clips are held in firm engagement with the ends of the partitions without the use of nails or other fasteners, and such clips, also serve to firmly hold the sections in proper relative positions when the partitions are made of sections. At suitable intervals, one of the flat surfaces of the clips are provided with outwardly extending projections that by abutting the sides of the adjacent comb frame, retain the partition in spaced relation to said comb frame, as is shown in Fig. 2 of the drawings. Such projections are designated by the numeral 8, and are preferably rounded so that they will not damage the frame they contact with. At their upper ends, the clips are outturned at right angles to form the hooks 9, the base portions of which are preferably flattened, and which engage the flanges 4 of the ledges 2, to suspend the partitions within the hive between the comb frames.

From the foregoing it will be seen that by utilizing the clips 6 at the ends of the partitions, the partitions are reinforced thereby; that the formation of the projections 8 provide simple and efficient means for spacing the partition from a comb frame, and that by the use of the end hooks, the partition may be readily suspended within the hive from the ledge 2 thereof in a position to restrict the number of comb frames accessible to the bees, and also that such hooks provide efficient finger grips that facilitate the removal or replacement of the partition.

I claim as my invention:—

1. A partition plate for bee hives having its end edges embraced by U-shaped metal clips, said clips having portions thereof forced into the plate, and being provided with outstanding projections for spacing the plate from a comb frame, the upper ends of the clips being out-turned to form ledge-engaging hooks for suspending the plate.

2. A partition plate having its ends pro-

vided with reinforcements, said reinforce-
ments being provided with means for inter-
locking with the plate and with means for
spacing the plate from a comb frame, the
5 upper ends of the reinforcements being pro-
vided with suspending hooks.

In testimony that I claim the foregoing I

have hereunto set my hand at Watertown,
in the county of Jefferson and State of Wis-
consin, in the presence of two witnesses.
LOBEGOTT MOLLART.

Witnesses:

GRACE BERTRAM,
LAURA M. KABST.

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