

D. BURTON.
 SWARMING ATTACHMENT FOR BEEHIVES.
 APPLICATION FILED APR. 1, 1913.

1,065,999.

Patented July 1, 1913.

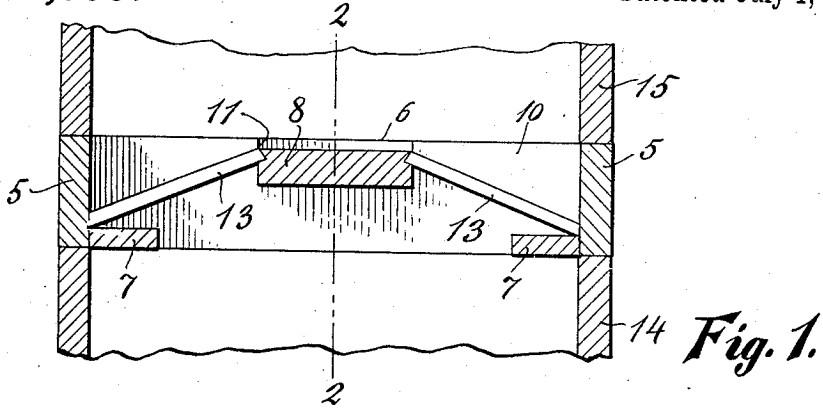


Fig. 1.

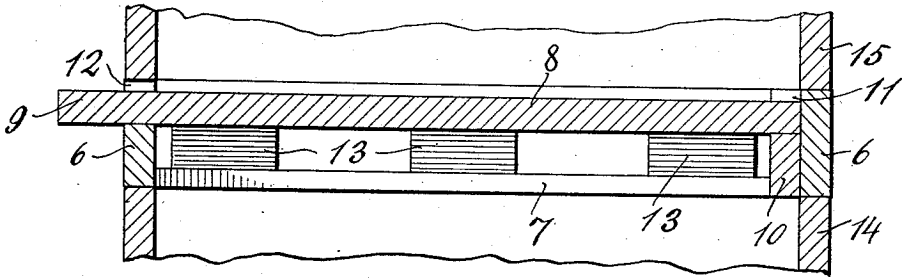
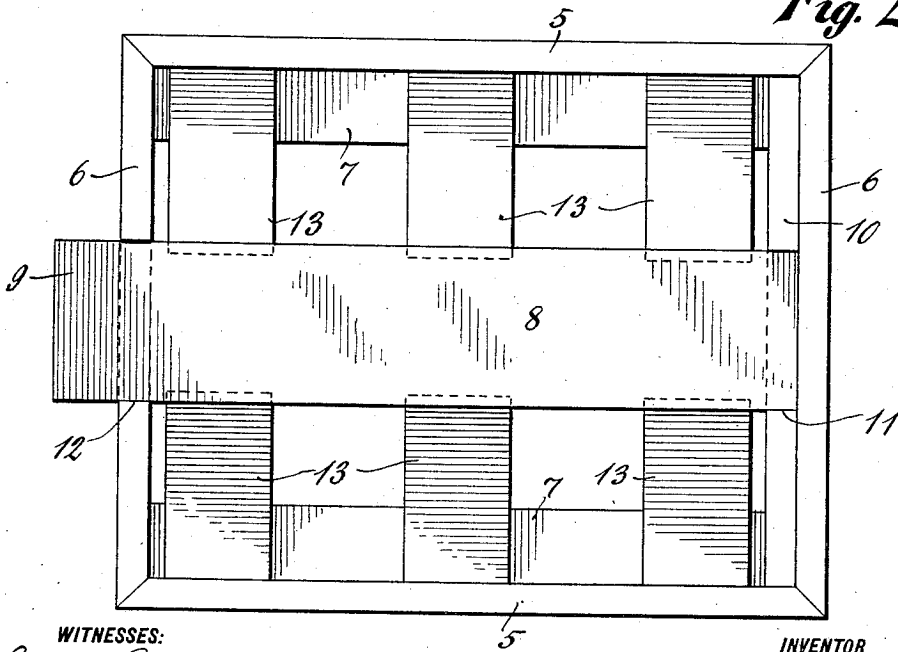


Fig. 2.



WITNESSES:

Einar Larson
G. L. Heidman

Fig. 3.

INVENTOR

David Burton.

BY

George B. Thomas

ATTORNEY

UNITED STATES PATENT OFFICE.

DAVID BURTON, OF FARMINGTON, MINNESOTA.

SWARMING ATTACHMENT FOR BEEHIVES.

1,065,999.

Specification of Letters Patent.

Patented July 1, 1913.

Application filed April 1, 1913. Serial No. 758,226.

To all whom it may concern:

Be it known that I, DAVID BURTON, a citizen of the United States, residing at Farmington, in the county of Dakota and State of Minnesota, have invented certain new and useful Improvements in Swarming Attachments for Beehives, of which the following is a specification.

This invention relates to bee hives, and its object is to provide a simple attachment by which the bees, when swarming, are directed from the old hive into a new hive. The attachment is designed to be placed between two hives and the swarm passes directly from one hive into the other.

With this object in view the invention consists in a novel combination and arrangement of parts to be hereinafter described and claimed, reference being had to the accompanying drawing, in which—

Figure 1 is a sectional view showing the attachment in place between the two hives, ready for use. Fig. 2 is a vertical section on the line 2—2 of Fig. 1. Fig. 3 is a plan view of the attachment removed from the hives.

Referring specifically to the drawing, the attachment comprises an open frame which is placed between two hives, and which frame is so constructed that the swarm, with its queen, is directed from the old hive into a new hive. The frame is composed of side and end pieces 5 and 6, respectively, which are fastened together in rectangular form. At the bottom of the side pieces, inside the frame, are ledges 7, and at the longitudinal median portion of the frame, near the top thereof, is an alighting board 8 extending from one end of the frame to the other, and projecting a short distance from one of the end walls 6 as indicated at 9. To the inner face of the other end wall is secured a strip 10 having a notch 11 in its top edge in which the alighting board seats. The end wall from which the alighting board projects also has a notch 12 in its top edge in which said board seats. The depth of the notches 11 and 12 is such that the alighting board is a short distance below the top edge of the end walls 6, which is for the purpose to be presently described. Between the longitudinal edges of the alighting board and the ledges are inclined runways 13, the same extending

from the inner ends of the ledges to the edges of the alighting board, so as to come flush with the top of the latter. The runways are spaced apart so as to leave open spaces for the bees to pass through.

In use, the top of the old hive 14 is taken off and the hereinbefore described attachment is placed on said hive. The new hive 15 is placed on the swarming device, the bottom of said hive being removed. The swarm may now pass from the old hive into the new hive by the way of the attachment which is located therebetween. The bees travel up the runways 13 onto the alighting board 8 and thence pass into the new hive in which they settle and go to work. The bees can pass into and out of the new hive by the way of the notch 12, the same forming an entrance to the new hive, and from which entrance the alighting board projects. The notch 11 is closed up by the adjacent end wall, so that the only entrance or exit of the new hive is the opening formed by the notch 12. After the new swarm has settled, the new hive is removed and the device may be used for the next swarm.

I claim:

1. A swarming attachment for bee hives comprising an open frame adapted to be placed between two hives, an alighting board in the frame and projecting from one end thereof, said end having an entrance and exit opening through which the alighting board extends, and runways in the frame extending from the bottom portion thereof to the alighting board.

2. A swarming attachment for bee hives comprising an open frame adapted to be placed between two hives, an alighting board in the frame and projecting from one end thereof, said end having an entrance and exit opening through which the alighting board extends, ledges extending from the side walls of the frame at the bottom and on the inside thereof, and runways extending from said ledges to the alighting board.

3. A swarming attachment for bee hives comprising an open frame adapted to be placed between two hives, said frame having end and side walls, one of the end walls having a top notch, a strip mounted on the inner face of the other end wall and having a top notch, an alighting board seating in the

notches and projecting from the first-mentioned end wall, said alighting board being below the level of the top edges of the end walls, ledges extending from the side walls
5 of the frame at the bottom and on the inside thereof, and runways extending from said ledges to the alighting board.

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

DAVID BURTON.

Witnesses:

F. N. GRIMES,
F. W. BURTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
