

M. TENYÁK.  
BEEHIVE.

APPLICATION FILED MAR. 10, 1915.

Patented June 29, 1915.

3 SHEETS—SHEET 1.

1,144,878.

Fig. 1.

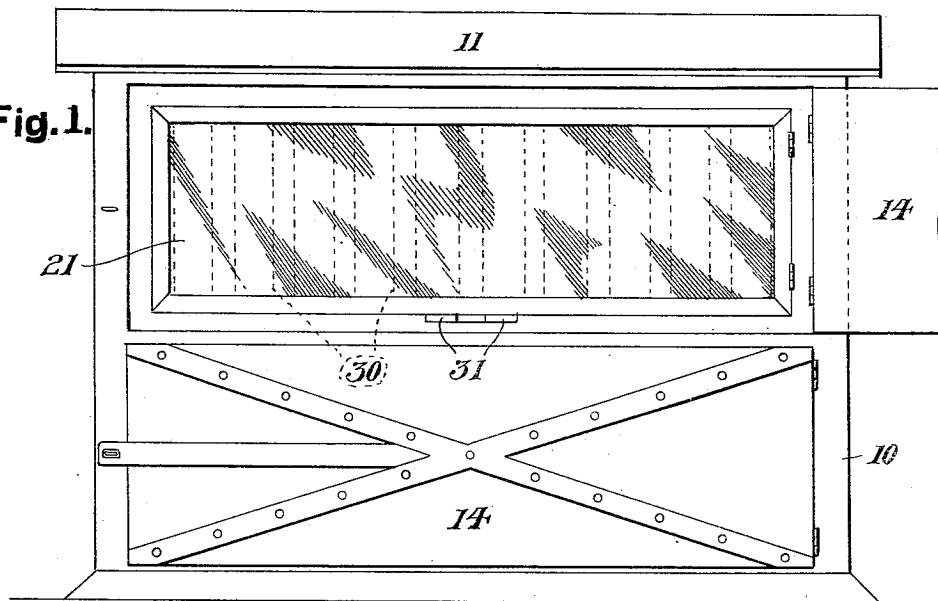
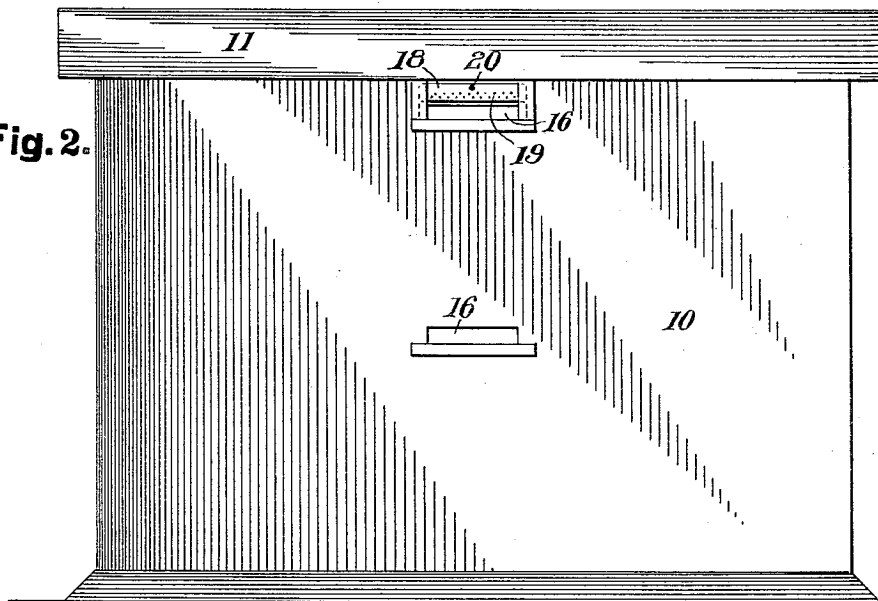


Fig. 2.



Inventor  
M. Tenyák

Witnesses

R. B. Takács  
T. M. Bryant.

By

A. M. Wilson  
Attorney

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Fig. 3.

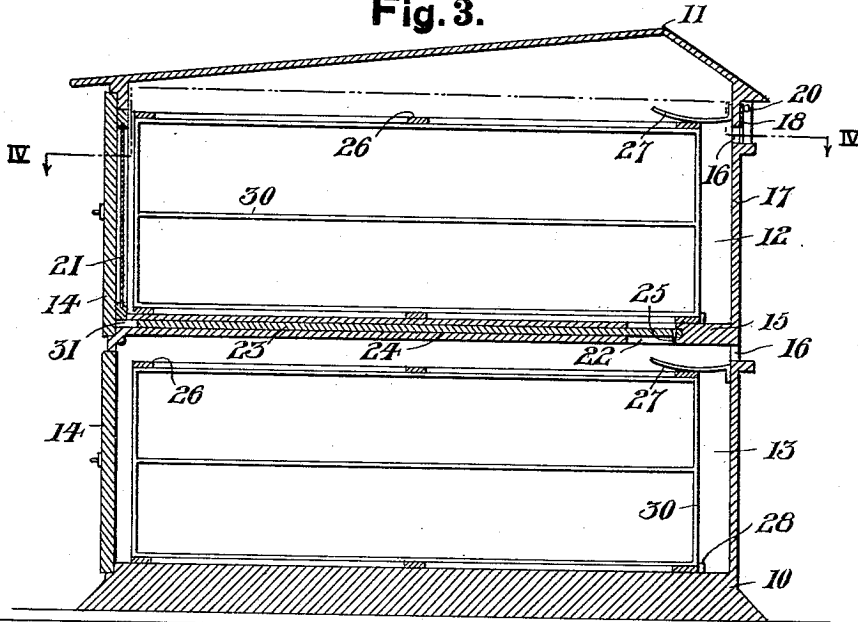
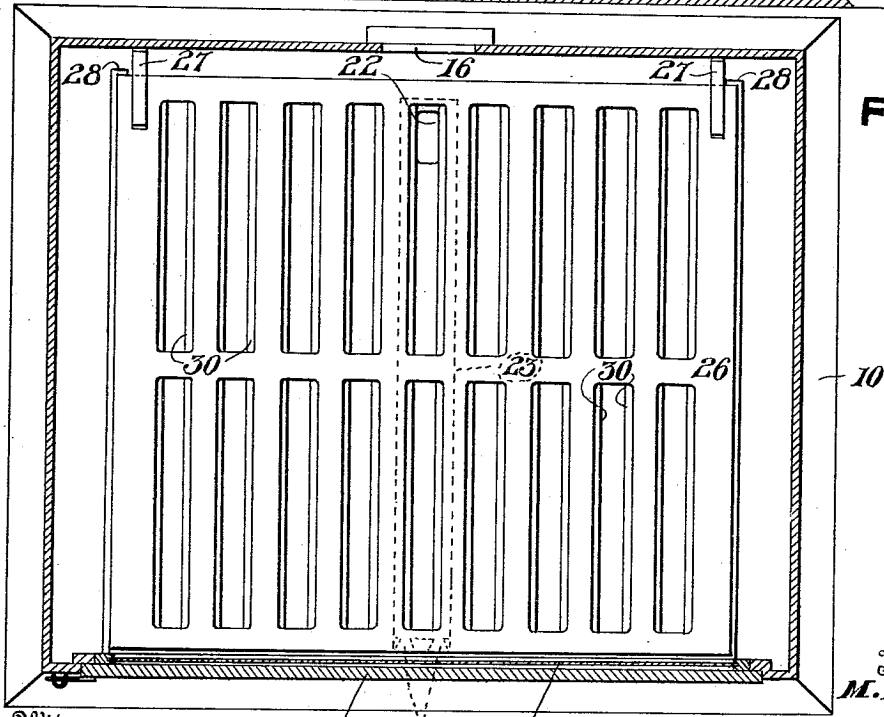


Fig. 4.



Inventor  
M. Tenyák

Witnesses

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J. A. Bryant.

By

A. M. Wilson

Attorney

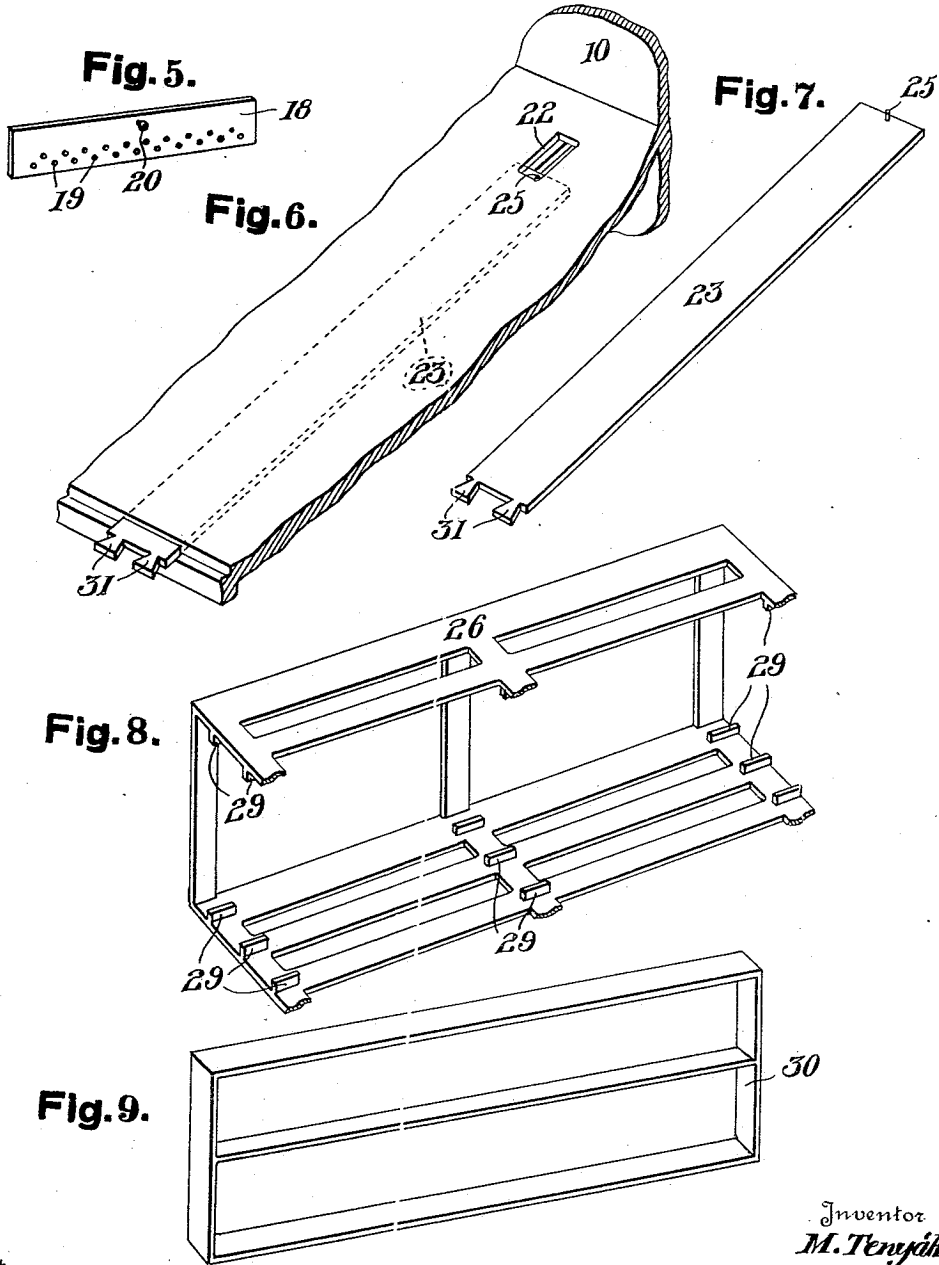
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J. D. Bryant.

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M. Tenyák

By

A. M. Wilson  
Attorney

# UNITED STATES PATENT OFFICE.

MICHAEL TENYÁK, OF AMHERST, OHIO.

BEEHIVE.

1,144,878.

Specification of Letters Patent. Patented June 29, 1915.

Application filed March 10, 1915. Serial No. 13,506.

*To all whom it may concern:*

Be it known that I, MICHAEL TENYÁK, a subject of the King of Hungary, residing at Amherst, in the county of Lorain and State of Ohio, have invented certain new and useful Improvements in Beehives, of which the following is a specification.

This invention relates to certain new and useful improvements in bee-hives.

10 The primary object of this invention is to provide a bee-hive or apiary designed for the accommodation of a plurality of frame-carrying racks, the frames being adapted for holding honey boxes or comb supports of a pre-determined commercial size and the said racks being arranged one above the other and slidably removable through the hinged doors of the hive casing.

20 A further object is to provide a bee-hive arranged in two stories for the accommodation of the comb holders, the upper story being closable when desired for employing only the lower story for the operations of the bees.

25 A still further object is to provide a bee-hive having a casing which is well ventilated and is adapted to hold honey-receiving comb portions, the casing having a hinged transparent door for allowing visual access to the interior of the hive during the honey making operation.

35 With these general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the appended claims.

40 In the drawings forming a part of this application and in which like designating characters refer to corresponding parts throughout the several views:—Figure 1 is a front elevation of the hive with the upper door in its open position and partially broken away. Fig. 2 is a rear elevation of the device. Fig. 3 is a central vertical longitudinal sectional view thereof. Fig. 4 is a horizontal sectional view taken upon line IV—IV of Fig. 3. Fig. 5 is a perspective view of the ventilating slide removed. Fig. 6 is a perspective detail view showing the communicating passage between the upper and lower compartments of the casing and 55 slidable closure therefor. Fig. 7 is a per-

spective view of the sliding closure removed from the partition. Fig. 8 is a perspective view of an end portion of one of the removable racks employed within the casing, and, Fig. 9 is a perspective view of one of the honey-comb mounting frames provided for the said racks.

The present invention contemplates the provision of a casing 10 having a gabled roof 11 and provided with upper and lower compartments 12 and 13 respectively, each of which is open at the front of the casing and is provided with a hinged closure and door 14. A central horizontal partition 15 is provided within the casing between the said two compartments while similar entrance openings 16 are provided in the rear wall 17 of the casing for allowing the bees to have free passage to and from the said compartments. The entrance 16 of the upper compartment 12 is provided with a closure slide 18 having ventilating perforations 19 therethrough by means of the handle 20 secured thereto.

A glass door 21 is hingedly mounted at the open side of the upper compartment 12 rearwardly of the solid closure door 14 thereof and by this means the interior of the upper compartment may be readily seen upon opening the outer door 14.

85 The partition 15 is provided with a vertical passage 22 therethrough adapted to be opened and closed by the closure member 23 which is slidably mounted in a central transverse passage or guide channel 24 of the said partition 15, the said closure having a stop pin 25 projecting therefrom into the passage 22 and it will thus be evident that the said closure 23 may be slidably positioned inwardly for closing the passage 22 as shown in Figs. 3 and 4 or the same may be withdrawn outwardly as far as permitted by the said pin 25, and thus opening the said passage 22 as illustrated in Fig. 6.

100 The outer end of the closure 23 is provided with spaced triangular lugs 31 and by means of which the said closure may be engaged for slidably moving the same for opening and closing the passage 22. When the said closure is positioned in its closed relation as shown in Fig. 4, it will be seen that the lugs 31 lie entirely within the partition-receiving opening 24, so that the fingers of the operator may be inserted between the said lugs for engaging the opposite inner 110

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20 A further object is to provide a bee-hive arranged in two stories for the accommodation of the comb holders, the upper story being closable when desired for employing only the lower story for the operations of the bees.

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The present invention contemplates the provision of a casing 10 having a gabled roof 11 and provided with upper and lower compartments 12 and 13 respectively, each of which is open at the front of the casing and is provided with a hinged closure and door 14. A central horizontal partition 15 is provided within the casing between the said two compartments while similar entrance openings 16 are provided in the rear wall 17 of the casing for allowing the bees to have free passage to and from the said compartments. The entrance 16 of the upper compartment 12 is provided with a closure slide 18 having ventilating perforations 19 therethrough by means of the handle 20 secured thereto.

A glass door 21 is hingedly mounted at the open side of the upper compartment 12 rearwardly of the solid closure door 14 thereof and by this means the interior of the upper compartment may be readily seen upon opening the outer door 14.

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closure plate adapted to engage a side wall of said opening to limit the outward movement of the closure plate.

5 5. A bee-hive including a casing, a partition dividing the casing into independent compartments, guide tracks arranged in each compartment, racks slidably mounted in each compartment and limited in their inward movement by said guides, and resilient members carried by said casing adapted to engage said racks to retain the same in position within the casing.

6. A bee-hive including a casing, guiding

members within said casing, honey-comb racks associated with said guides, spaced lugs carried by said racks adapted for positioning the honey-combs therein, and means carried by said casing and associated with said racks whereby the racks are retained in position.

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

MICHAEL TENYÁK.

Witnesses:

E. E. FOSTER,  
WM. MILLER.

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