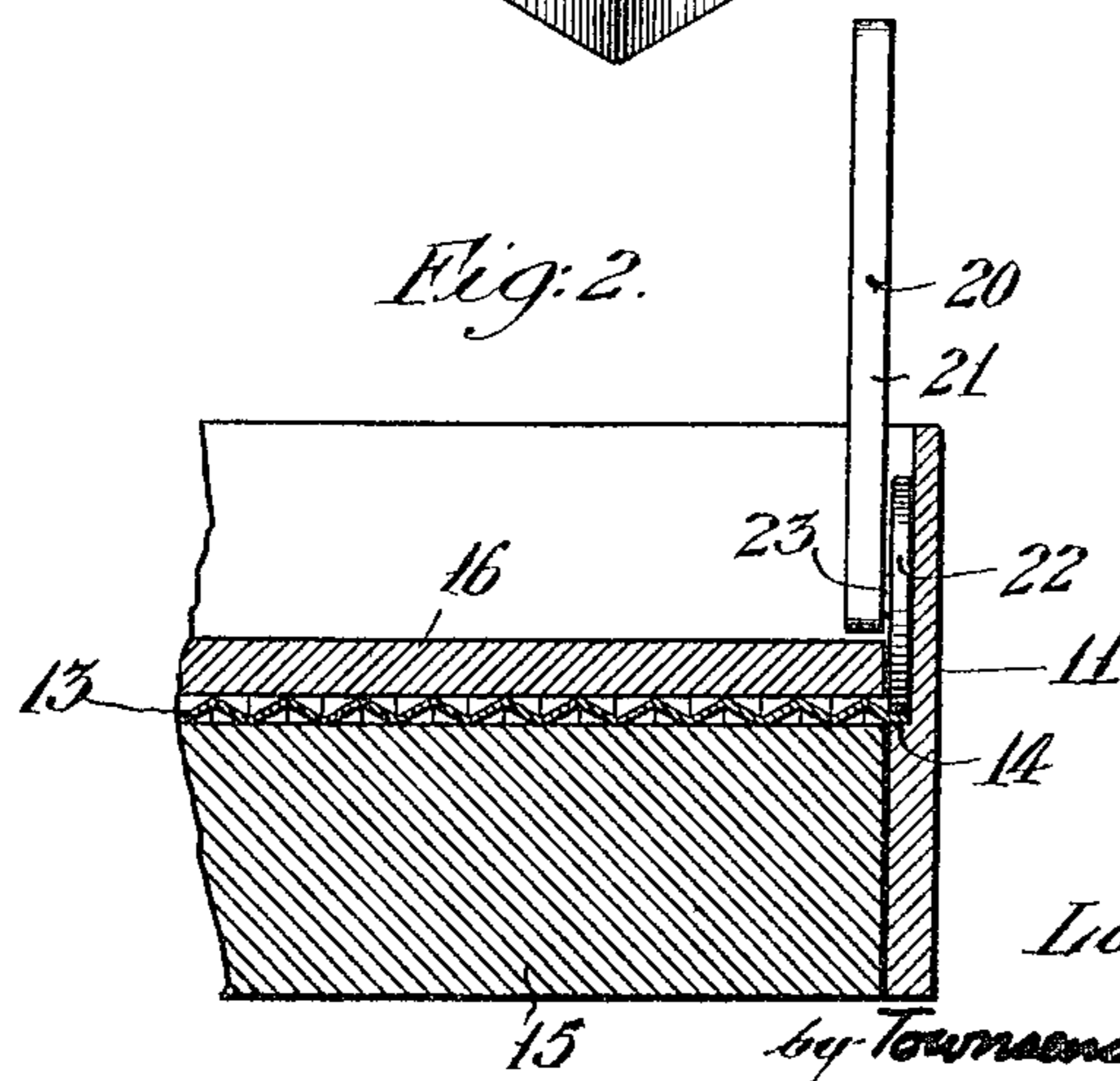
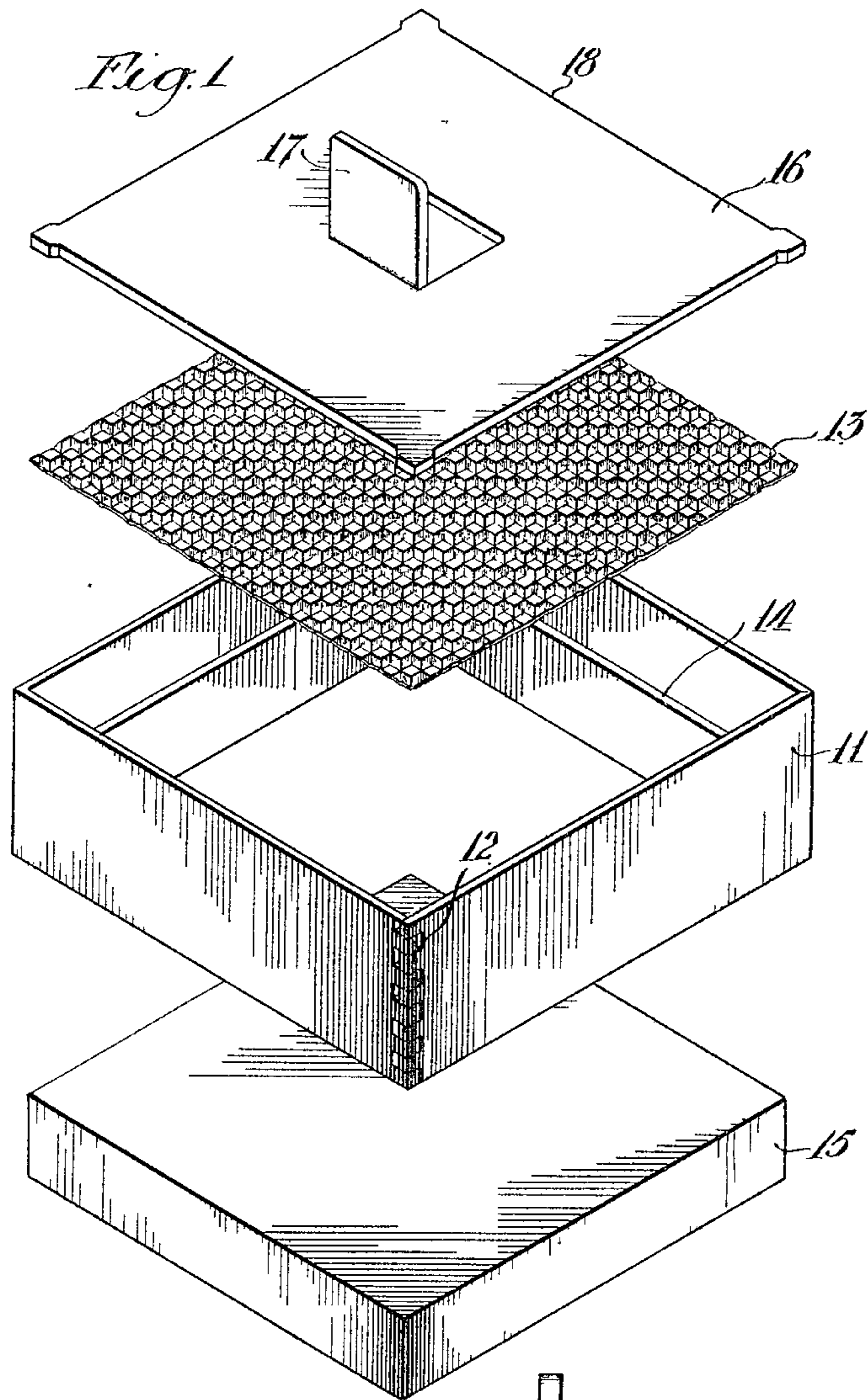


L. S. BADOUB.
HONEY SECTION.
APPLICATION FILED NOV. 23, 1915.

1,237,741.

Patented Aug. 21, 1917.



Inventor
Louis S. Badour
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UNITED STATES PATENT OFFICE.

LOUIS S. BADOUR, OF POMONA, CALIFORNIA.

HONEY SECTION.

1,237,741.

Specification of Letters Patent. Patented Aug. 21, 1917.

Application filed November 23, 1915. Serial No. 63,134.

To all whom it may concern:

Be it known that I, LOUIS S. BADOUR, a citizen of the United States, residing at Pomona, in the county of Los Angeles and State of California, have invented a new and useful Honey Section, of which the following is a specification.

My invention relates to the art of bee keeping. In that art it is common practice to provide rectangular wooden boxes, usually called sections, in which the bees build up the honey comb and deposit the honey, these boxes with the included honey being withdrawn from the hive and forming a staple commercial article.

For the purpose of giving the bees a point from which to start, it is common practice to place in the center of the sections a sheet of foundation which is commonly called a starter. Further, for the purpose of discouraging the queen bee from laying eggs in the sections, it is common practice to place in the center of the sections a complete sheet of foundation, this sheet filling the whole section and consisting of a thin sheet of wax embossed to form facets, each facet being the exact shape and size of the worker cell.

It may be explained that the queen bee visits the various sections in search of drone cells in which she can deposit drone eggs. The drone cells are larger than the worker cells, and by forming a complete foundation which entirely fills the section, this foundation having only worker size cells shaped therein, the bees form only worker cells, no drone cells being possible. As there are no drone cells, the queen does not lay any eggs therein and a section of honey is produced which is entirely free from eggs.

In the previous art various unsatisfactory methods have been adopted for securing the foundation in the center of the honey section, and the principal object of my invention is to provide a new and improved apparatus for accomplishing this object.

Referring to the drawings which are for illustrative purposes only:

Figure 1 represents a perspective view of certain of the parts used, these parts being shown slightly separated to better illustrate the invention.

Fig. 2 is a section showing the method of securing the foundation.

In these drawings, the honey section is shown at 11, this section being preferably

formed of a single piece of bass wood bent up to form a rectangular frame which is dove tailed together at 12. It is desired to place a sheet of foundation 13 exactly in the center of the section 11. Previously this has been done by cementing or sticking the foundation against the smooth walls of the section which have been rectangular in cross section. In my invention I cut down the upper portion of the section so that a small ledge 14 is formed, this ledge extending completely around the inside of the section. The sheet of foundation is cut to such a size that it readily slips into the top of the section, its edges resting all around on the ledge 14.

For the purpose of supporting the foundation 13 during the following operations, I provide the supporting block 15, this block fitting into the bottom of the section, and being of such a size that it makes flush surface across the section at the same level as the ledges 14.

For the purpose of still further supporting the foundation 13 and preventing it from crumbling or getting out of place, and for guiding the securing means, I use a guide block 16 having a handle 17 formed in the center thereof. The guide block 16 is cut away on each edge as shown at 18, the corners fitting closely into the upper portion of the section 11 above the foundation 13. With the cover 16 cut away at 18 four narrow slots are formed extending around the cover 16 on all four sides of the section 11 immediately above the ledges 14. A securing tool 20 is then used, this securing tool consisting of a handle 21 and a wheel 22 which revolves loosely on a pin 23. Grasping the tool 20 by the handle 21, the operator presses the wheel 22 into the space 18 between the edge of the cover 16 and the section 11, as plainly shown in Fig. 2, pressing downwardly thereon so that the edges of the foundation 13 are pressed against the ledges 14, thereby locking the foundation 13 securely in place.

It will be seen that the above operation can be performed very rapidly, the parts being quickly assembled, and the wheel being rapidly passed around the edges. After the foundation has been so secured the cover 16 may be removed by the handle 17; and the section 11, with the foundation 13 in place, may be readily lifted from the block 15. By my invention the foundation is not only

quickly and cheaply secured in the section 11, but it is also very securely fastened therein so that there is no likelihood of its becoming detached after the bees start to build
5 up thereon.

I claim as my invention:

A honey section comprising a rectangular frame formed of thin wooden strips, the upper portion of each strip being cut away

to provide a continuous edge around the 10 inner surface of the frame on which a sheet of foundation may be secured by downward mechanical pressure while cold.

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 15 17th day of November, 1915.

LOUIS S. BADOOR.

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