

**A DESCRIPTION OF THE BAR-AND-
FRAME-HIVE, INVENTED BY W.
AUGUSTUS MUNN: WITH AN
ABSTRACT OF WILDMAN'S COMPLETE
GUIDE FOR THE MANAGEMENT OF BEES
THROUGHOUT THE YEAR**

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A Description of the Bar-And-Frame-Hive, Invented by W. Augustus Munn: With an Abstract of Wildman's Complete Guide for the Management of Bees Throughout the year by W. Augustus Munn

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W. AUGUSTUS MUNN

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W. AUGUSTUS MUNN, ESQ.

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MANAGEMENT OF BEES THROUGHOUT THE YEAR.

*Ipsa autem, seu corticibus tibi rata cavata,
Seu lento fuerint alvearia vimine texta,
Angustos habeant aditus; nam frigore mella
Cogit hiems, eademque odor liquefacta remittit.*
VIRGIL. *G. 88. iv.*



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M.DCCC.LI.

189. a. 26.

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Bangor House, Shoe Lane.

P R E F A C E.

HAVING been frequently requested to explain the use of the *bar-and-frame-hives*, in the management of bees, I have been induced to print the following pamphlet, to point out the advantages this new hive possesses over the common ones.

I have added extracts from various authorities to show the importance of transporting bees for a change of pasturage, and thus prolonging the honey harvest. Regarding the natural history of the bee, I have merely stated a few of the leading facts connected with that interesting subject, drawn from Wildman's Book on Bee-management.

London, April, 1844.

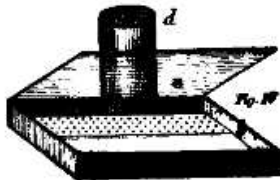
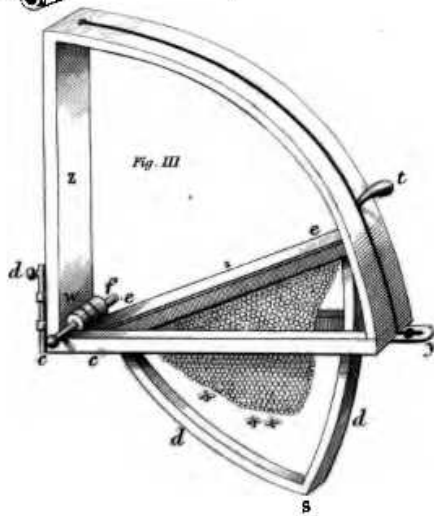
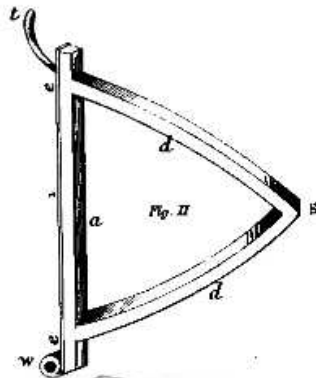
PREFACE TO SECOND EDITION.

HAVING very materially simplified the construction of the bar-frame-hive, by forming the "oblong bar-frames" into "triangular frames," and making them lift out from the top, instead of the back of the Bee-box, I have republished the pamphlet, in the hope that those who may have purchased my earlier edition, and constructed hives from the directions there given, and may have been unsuccessful in carrying out the object I had in view in recommending the bar-frame-hive, may now be induced to convert their oblong boxes, &c. into the triangular box and frames, &c., and work the hive without the fear of failure.

All those who purchased the first edition, may obtain the second edition *gratis*, by returning the old copies to the publisher, Mr. Van Voorst, Paternoster Row.

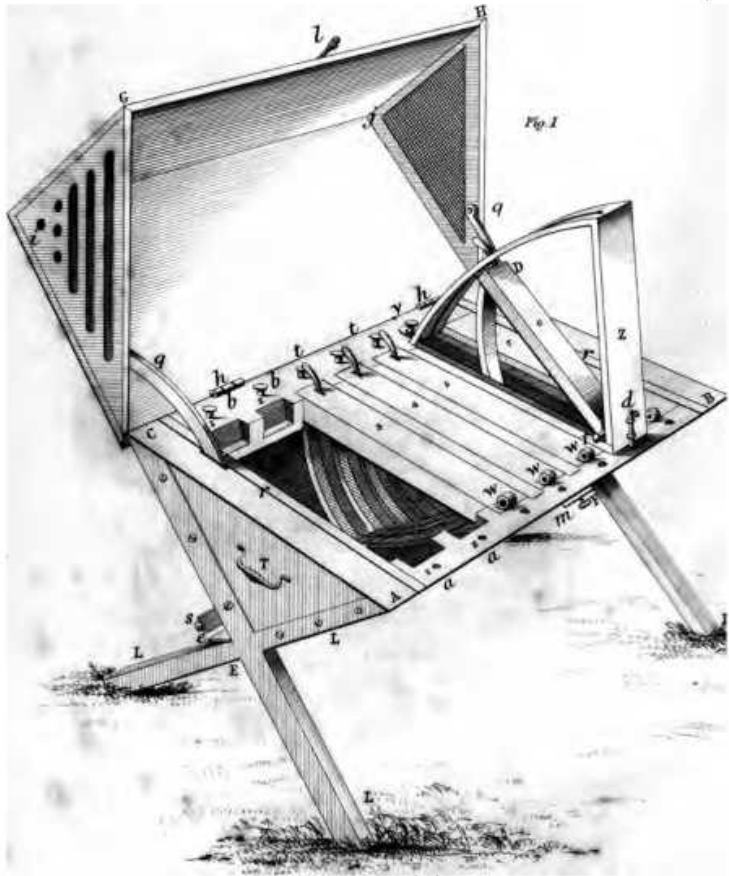
London, April, 1851.

PLATE II.



Scale of Six Inches

PLATE I.



EXPLANATION OF THE PLATE.

PLATE I, FIGURE 1.

- A B C D, and E F, the triangular box as shown in fig. 1, Plate I.
- O H C D, the top lid of the box, made to fall back, and supported at an angle by the hinges, *h h*, and two quadrants, *q q*; *l*, the upper part of the lock of the box; *i, j*, the two gable ends of the roof; *j*, the perforated zinc shown as secured in a triangular frame; and *i*, the outside appearance of the ventilator.
- From A B and C D the two mahogany bars run along the opposite sides of the box, and there are formed (on the inside of the box) seven grooves on each bar, as at 1, 2, &c., and 1, 2, &c.; *a a*, &c., seven holes made to receive the back bolt, *d*, of the observation-frame, *Z*; *b b*, &c., being the seven screw heads, for the eye or loop hole of the observation-frame to fit into; *m*, being the lower part of the lock with the key shown in it.
- r*, one of the handles of the box (the other not seen).
- E F C D, the front of the box; *e*, the alighting board, four inches wide, extending the whole length from E to F, and fixed rather upon an incline to keep the wet from entering the bee-box, one of the slides, *s*, drawn out and extending beyond the end of the box; the other half slide on the other side, not drawn out in the sketch; the part above the inclined board has the opening for the ingress and egress of the bees, made by pushing in or pulling out the slides on either side.