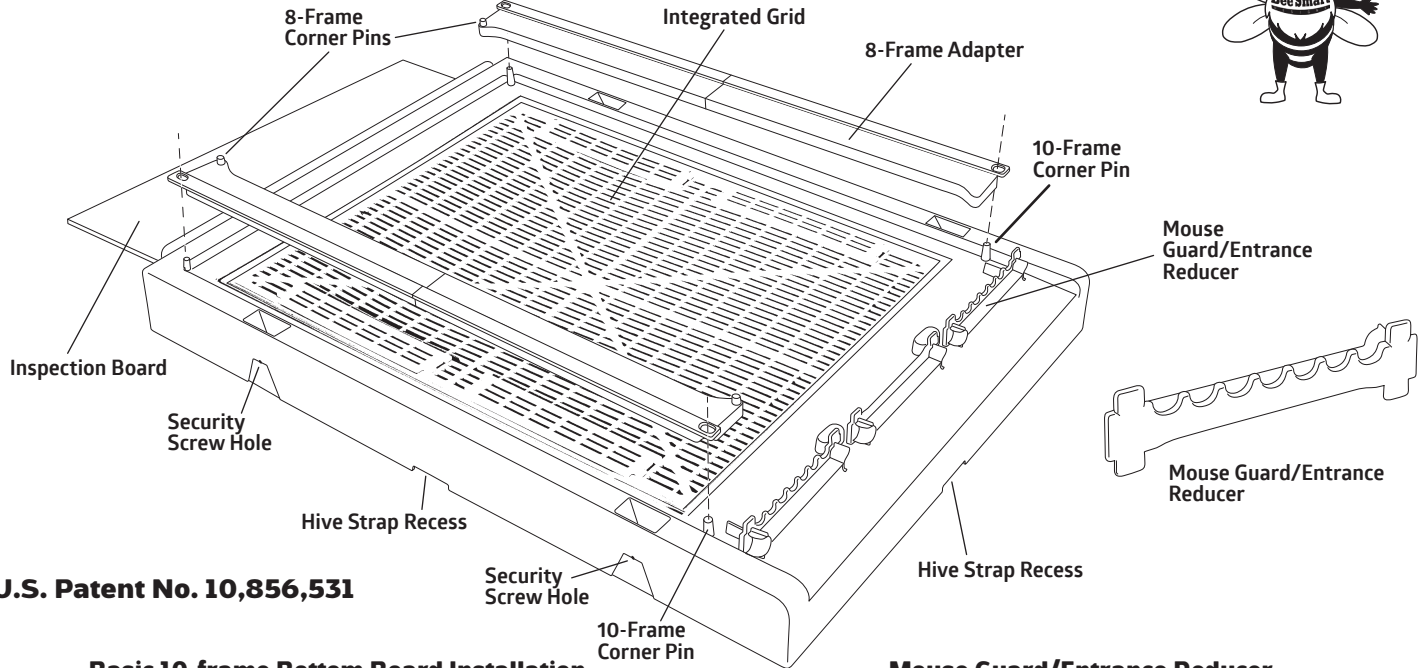
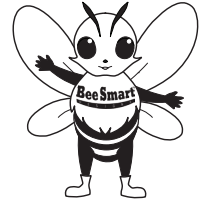


Ultimate IPM Bottom Board System User Guide - 8/10 Frame



U.S. Patent No. 10,856,531

Basic 10-frame Bottom Board Installation

- Place **Bottom Board** on level and secure surface that supports long ribs continuously along length or fully across width; avoid putting on solid base.
- Bottom Board is designed to integrate with Bee Smart Hive Stand perfectly; holes are provided for the installation of the Security Screws provided with the stand.
- Place 10-frame hive body on **Bottom Board** insuring that the 4 **Corner Pins** fit inside the box; a little play is no problem.
- The bottom edge of the box will sit on the wide side rails and may overlap a little.

Basic 8-frame Bottom Board Installation (requires optional adapters)

- Place **Bottom Board** on level and secure surface that supports long ribs continuously along length or fully across width; avoid putting on solid base.
- **Bottom Board** is designed to integrate with Bee Smart Hive Stand perfectly; holes are provided for the installation of the Security Screws provided with the stand.
- Connect the 2-piece **8-frame Adapters** (male and female) together.
- Install **8-frame Adapters** on both sides of **Bottom Board**, aligning the holes on the **8-frame Adapter** with the Pins on the **Bottom Board**; these are reversible.
- Place 8-frame hive body on **Bottom Board** insuring that the 4 **Corner Pins** fit inside the box; a little play is no problem.
- The bottom edge of the box will sit on the wide side rails and may overlap a little.

Inspection Board

- Slide Inspection Board in from rear for mite count or to reduce ventilation; a little wiggling may be needed for the **Inspection Board** to properly sit on tracks. Insert until front edge hits stops; the back should line up with the rear of the **Bottom Board**.
- Slide **Inspection Board** out from rear when not needed and store in safe location.

Mouse Guard/Entrance Reducer

- The **Bottom Board** entrance is divided into 3 sections and we provide 4 combination **Mouse Guards/Entrance Reducers**; the 4th is a spare. Store these in a safe location when not in use.
- Each entrance section has 2 holes to engage the **Mouse Guard/Entrance Reducer** that includes finger grips for easy lifting and/or insertion; they are a snug fit.
- Finger Grips face out.
- For reducing the entrance the Flat side faces down
- For keeping mice out the scalloped side faces down.
- The reversible **Mouse Guards/Entrance Reducers** can be used in any combination, or not at all, to control the entrance size as needed.

Hive Straps

- The **Bottom Board** sides have recesses on the bottom to hold a 1" hive strap going around the side of the hive and keep it from slipping; the strap should be tensioned securely.
- The **Bottom Board** front has recesses on the bottom to hold a 1" hive strap going around the hives lengthwise and keep it from slipping; the strap should be tensioned securely.

Ultimate Hive Stand

- The sides of the **Bottom Board** have 4 specially designed holes that line up with the **Security Screw Holes** on the **Bee Smart 'Ultimate Hive Stand'** and are designed to work with the Security Screws provided.
- Make sure to line up the holes on the **Bottom Board** with the holes on the Hive Stand and start all 4 Security Screws lightly; Do Not Tighten until all 4 screws are properly aligned.
- Tighten Security Screws firmly but Do Not over tighten as this may strip hole.

Note

The **Ultimate IPM Bottom Board System** works with both 8-frame and 10-frame Langstroth hive bodies from most manufacturers; if the **Security Pins** do not properly fit inside the box, you can cut off a few pins or put a small notch in the bottom corners of the box.

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