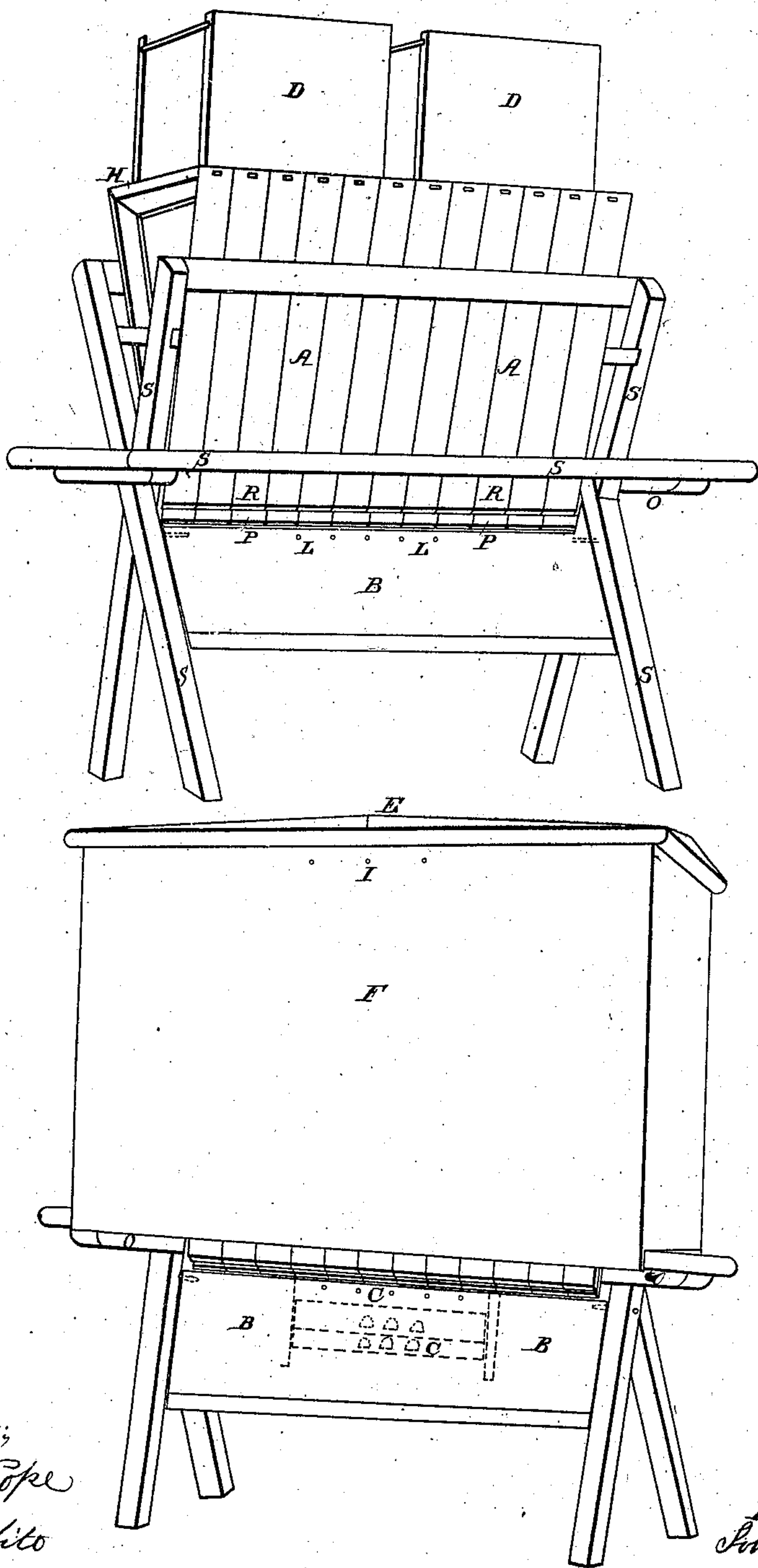


*J. Harper.*

*Bee Hive.*

*N<sup>o</sup> 46,467.*

*Patented Feb. 21, 1865.*



*Witnesses;*

*J. A. Pope*

*B. Ebbitt*

*Inventor;*  
*John Harper*

# UNITED STATES PATENT OFFICE.

JOHN HARPER, OF HILLSBOROUGH, IOWA.

## IMPROVEMENT IN BEE-HIVES.

Specification forming part of Letters Patent No. 46,467, dated February 21, 1865.

*To all whom it may concern :*

Be it known that I, JOHN HARPER, of Hillsborough, in the county of Henry and State of Iowa, have invented a new and Improved Bee-Hive for the Care and Culture of Bees; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists, principally, in the formation of the comb-bearer, (marked A A,) constructed of twelve frames in the form of isosceles triangles, save that the back side at P P projects one-half inch below the front side, R R; the sides of the frames are—P, fourteen and one-half inches; R, fourteen, and the top, or H, nine inches in length, one and one-half inch broad, and one-fourth inch thick, mortised together separately at tops, and the bottoms blocked open to the space of one-half inch, set close together vertically in the stand S S, and inclosed at each end with window-glass set in the two outer frames. Below the comb-bearer hinged on

the legs of the stand, is the lighting-board or falling door B, which closes up the bottom of the comb-bearer, save five small holes, as seen on the drawing at L L. On this board is attached a slide, C, which closes at will the small holes in the board B. D D are honey-boxes, made to fit on top of comb-bearer, but to which I have no claim in inventing. E and F is a house made to cover all down and rest on top of the cross-pieces O O on the outside of the trestles, the roof or top part, E, on hinges, that it may be opened or closed at will. Immediately under the roof are three small holes in the sides of the house, as seen at I.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement of the comb-bearers A, stand S, lighting-board B, and house E F, when constructed substantially as described, and for the purposes set forth.

JOHN HARPER.

Witnesses :

ROBERT CARTER,  
BENJN. EBBITT.