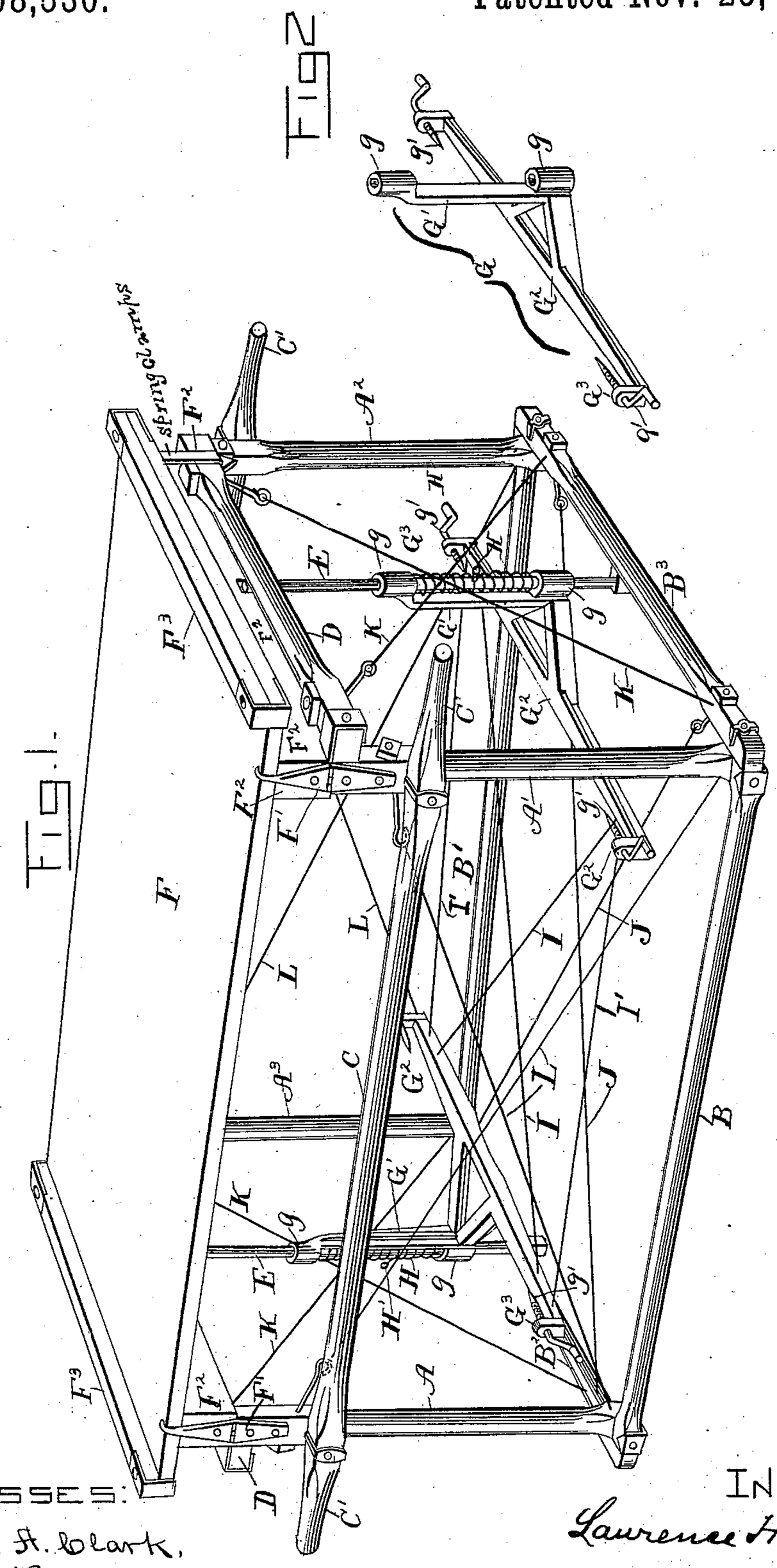
(No Model.)

L. H. TAYLOR.

EGG, FRUIT, AND HONEY CARRIER.

No. 308,530. Patented Nov. 25, 1884.

FIG. 1.



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UNITED STATES PATENT OFFICE.

LAWRENCE H. TAYLOR, OF LIMESTONE, MAINE.

EGG, FRUIT, AND HONEY CARRIER.

SPECIFICATION forming part of Letters Patent No. 308,530, dated November 25, 1884.

Application filed August 28, 1884. (No model.)

To all whom it may concern:

Be it known that I, LAWRENCE H. TAYLOR, a citizen of the United States, residing at Limestone, in the county of Aroostook and State of Maine, have invented certain new and useful Improvements in Egg, Fruit, and Honey Carriers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to devices for carrying and supporting eggs, fruit, honey, and other articles which it is not desired to jolt or jar in transit.

It consists, broadly, in supports adapted to receive the trays or other receptacles containing the articles, and held on and between springs, whereby they have a gentle yielding play vertically up or down.

It consists, further, in certain details of construction, to be hereinafter more fully described and claimed.

In the drawings, Figure 1 is a perspective view of my carrier. Fig. 2 is a detail view of the bracket or support.

In carrying out my invention I employ the corner-posts A A′ A^2 A^3, connected at their lower ends by the side bars, B B′, and the end bars, B^2 B^3, forming a base-frame. The two posts A A′ and A^2 A^3 are connected near their upper ends by bars C C, which are extended to form the handles C′ C′. The posts A A^3 and A′ A^2 are connected at their tops by bars D D. Uprights E E are extended vertically between the base end bars, B^2 B^2, and bars D D midway the ends of the said bars. The lid F is hinged at F′ F′ on one side to the posts A A′, and is provided on its opposite side with spring-clasps F^2, which engage under the bars D D and hold the cover down, as will be understood. By drawing these clasps out the cover may be tilted back on its hinges to permit access to the brackets or to the trays supported thereon.

It will be manifest that by dispensing with the side braces, presently described, the desired access to the trays could be had from the sides of the frame, and the cover be secured immovably in place, though I prefer the construction as shown and before described. The cover, it will be seen, has on its under side two transverse beams or sills, F^2 F^2, which rest close to the inner sides of the bars D D. The cover is also extended longitudinally beyond the framing, and is provided on its upper edge with end cleats, F^3 F^3, between which may be rested the end base-bars, B^2 B^3, of the next upper carrier when a number of the carriers are packed together, as will be understood.

The supports G G, as most clearly shown in Fig. 2, are formed with the upright G′, provided at its upper and lower ends with sleeves *g g*, which encircle and slide on the upright E, and with the bracket or shelf portion G^2, supported on and projected horizontally from G′. This bracket has its ends G^3 turned upward, and clamping-screws *g′ g′* turned through said upturned portions and inward, as shown. These clamping-screws serve to secure the trays or receptacles to the brackets. Springs H are placed on uprights E E and bear between the sleeves *g g* of the tray-supports. A stud or pin, H′, is projected from each upright between the middle coils of the spring H, and divide same into two approximately equal portions. Two springs may be employed, where desired; but I prefer to use a single spring and to make same fast at its upper end to the upper sleeve, *g*, as will be understood. The bracket portions of the two supports project inward toward each other, and to prevent them from rotating on the upright E, I connect the diagonally-opposite ends of the two brackets by brace wires or rods I I, crossing each other centrally, and by braces I′ I′, connecting the outer ends of the brackets. I prefer to similarly brace the base of the carrier-frame by diagonal wires J J, its ends by wires K K, and its sides by wires L L, all of which are shown in Fig. 1. By this construction shown it will be seen the trays, when adjusted into position and secured on the brackets, have a spring or yielding support above and below, and that all jars and jolts are taken by such springs, and the damaging influence thereof to the eggs, fruit, or honey, &c., is overcome or greatly reduced, as will be appreciated.

It is obvious that the form of devices for clamping the trays in the brackets may be modified or changed without departing from the broad principles of my invention.

It will be noticed that the connections between the various bars of my framing is supplemented and strengthened by the use of iron plates or clips, thus rendering the device capable of withstanding the rough handling experienced in shipping by rail, steamboat, &c. It will be also understood that the spring, instead of being arranged between the sleeves of the support, as is preferred, may be arranged above and below the support, so that it may yield in both an upward and downward direction.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A carrier, substantially as described, having end uprights, tray-supports held and movable vertically on the uprights, and springs arranged on said uprights and engaging said supports, substantially in the manner and for the purposes specified.

2. The combination, with the framing having end uprights provided with springs and lateral pins dividing said springs into upper and lower sections, of the tray-supports having sleeves encircling said uprights above and below the springs, substantially as set forth.

3. The combination of the uprights, the tray-supports sleeved thereon, the springs arranged on the uprights and engaging the tray-supports, and the brace-rods connecting the diagonally-opposite ends of the brackets of the tray-supports, substantially as set forth.

4. In a carrier having tray-supports, the cover herein described, extended longitudinally beyond the framing and provided on its upper side at its outer end edges with transverse cleats adapted to extend alongside the ends of the base of the next upper carrier in packing same, substantially as set forth.

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

LAWRENCE H. TAYLOR.

Witnesses:

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