

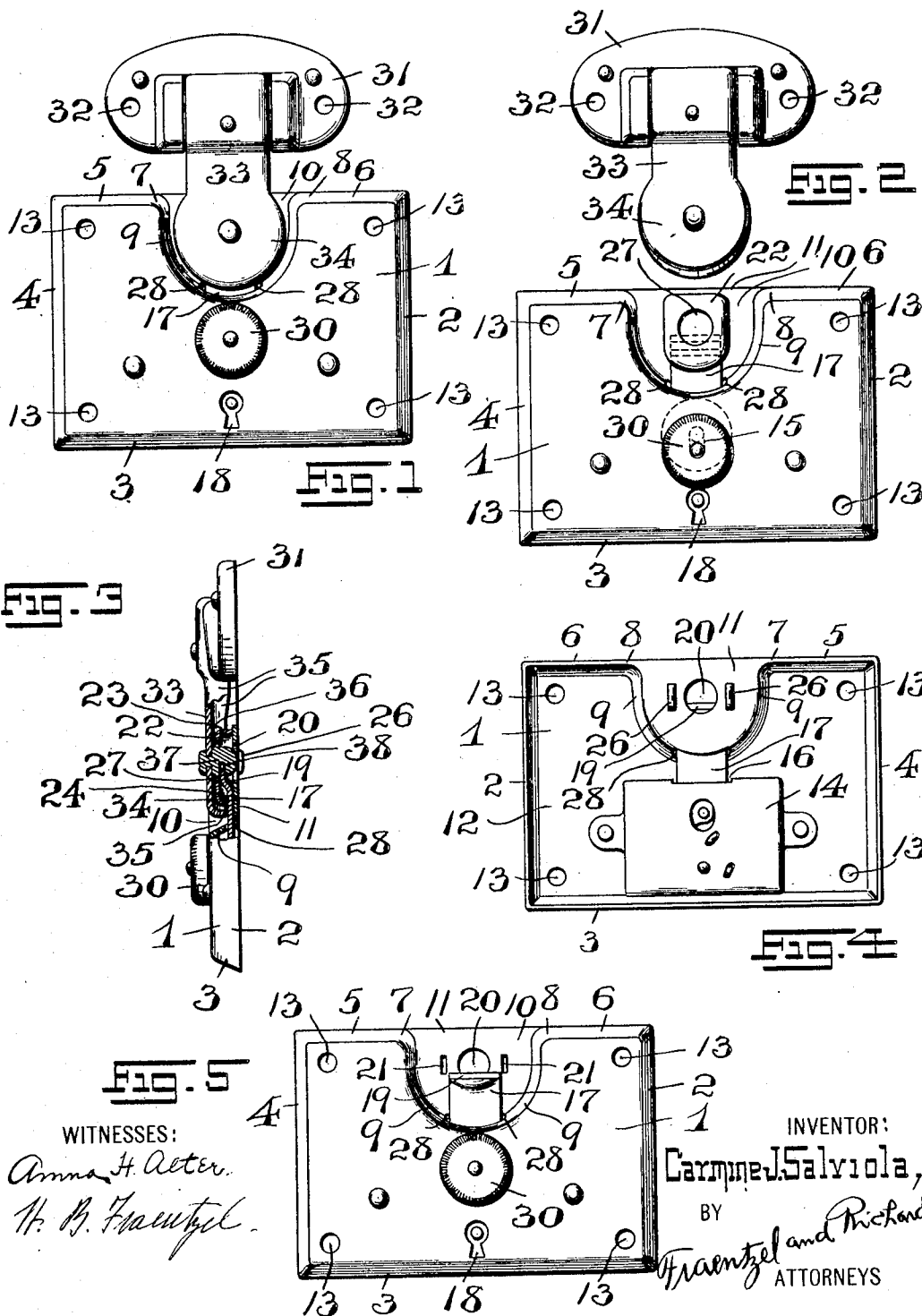
No. 887,430.

PATENTED MAY 12, 1908.

C. J. SALVIOLA.
TRUNK LOCK.

APPLICATION FILED MAR. 2, 1908.

2 SHEETS—SHEET 1.



WITNESSES:

Anna H. Aeter.
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INVENTOR:

Carmine J. Salviola,
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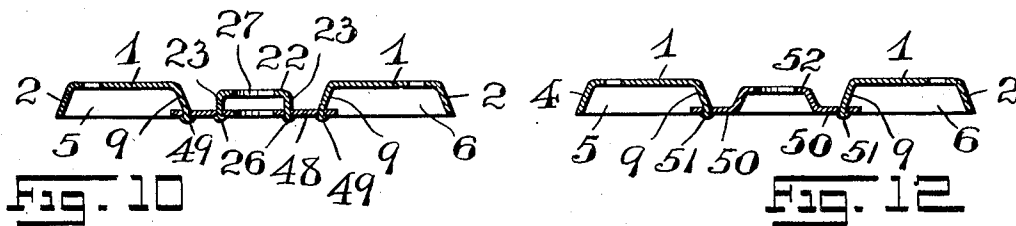
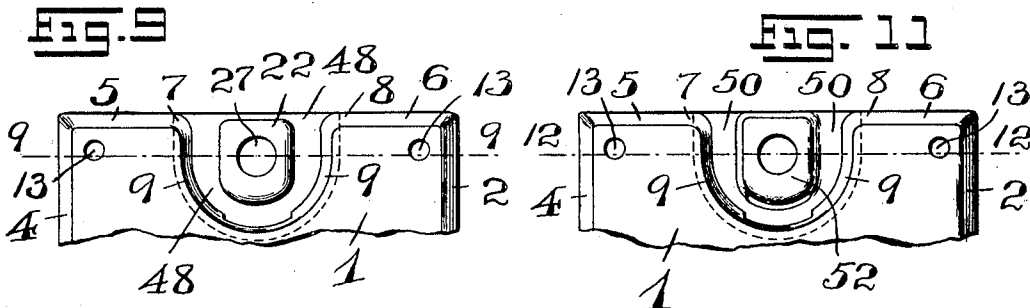
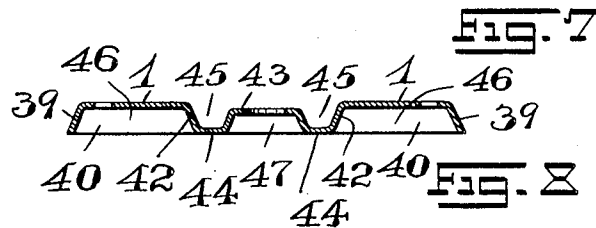
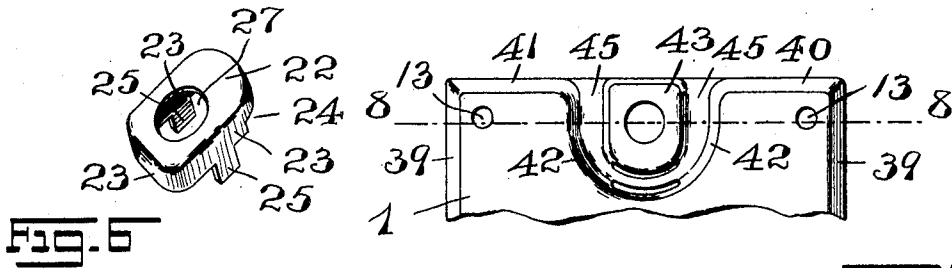
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UNITED STATES PATENT OFFICE.

CARMINE J. SALVIOLA, OF NEW YORK, N. Y., ASSIGNOR TO R. NEUMANN HARDWARE CO., A CORPORATION OF NEW JERSEY.

TRUNK-LOCK.

No. 887,430.

Specification of Letters Patent.

Patented May 12, 1908.

Application filed March 2, 1908. Serial No. 418,653.

To all whom it may concern:

Be it known that I, CARMINE J. SALVIOLA, citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Trunk-Locks; and I do hereby 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 characters of reference marked thereon, which form a part of this specification.

This invention relates, generally, to improvements in that class of locks which are used upon trunks, coat-cases, bags and the like; and, the present invention has reference, more particularly, to a novel construction of lock-case, and hasp therefor, for use especially with the frame-sections of dress-suit or coat-cases, and bags; and, which may also be employed upon the body and lid of a trunk.

My present invention therefore has for its principal object to provide a novel, simple and cheaply constructed lock-case and hasp therefor, which shall also be very neat in its appearance, and in which the face of the lock-case is made with a hasp-receiving depression, into which the holding portion of the spring-hasps is pressed in retaining engagement with the holding portion of the bolt of the lock-mechanism, the face of the hasp being flush with the outer face of the lock-case, so that there will be no unnecessarily raised parts or obstructions upon the outer surface or face of the lock-case, when the several devices have been brought into their locked relation.

Other objects of this invention not at this time more particularly mentioned will be clearly understood from the following description of my invention.

With the various objects of my present invention in view, the invention consists, primarily, in the novel lock-case and hasp therefor of the general character hereinafter more fully set forth; and, the invention consists, furthermore, in the novel arrangements and combinations of the devices and parts, as well as in the several details of the construction of the same, all of which will be more fully described in the following specification, and then finally embodied in the clauses of

the claims which are appended to and which form an essential part of this specification.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a face view of the lock-case and hasp representing one embodiment of the present invention, said view showing the hasp in its locked engagement in the depression with which the face of the lock-case is provided; and Fig. 2 is a similar view of the lock-case and hasp, the devices being shown in their detached or separated relation. Fig. 3 is a part edge view and part vertical sectional representation of the lock-case and hasp in their locked relation; Fig. 4 is a rear view of the lock-case; Fig. 5 is a face view of the lock-case, with a certain box, over which the hasp is adapted to be closed, omitted from said view; and Fig. 6 is a perspective view of said box. Fig. 7 is a face view of the upper portion of a lock-case of a modified construction, but still embodying the principles of this invention; and Fig. 8 is a horizontal section of the same, said section being taken on line 8—8 in said Fig. 7. Fig. 9 is a face view of the upper portion of another modified form of lock-case; Fig. 10 is a horizontal section of the same, said section being taken on line 10—10 in said Fig. 9; Fig. 11 is a face view of the upper portion of still another modified form of lock-case; and Fig. 12 is a horizontal section of the same, said section being taken on line 12—12 in said Fig. 11.

Similar characters of reference are employed in all of the above described views, to indicate corresponding parts.

Referring now to the said drawings, the reference-character 1 indicates a suitable case or body which is preferably made from sheet-metal, and may be of any suitable and ornamental marginal configuration. The said case or body is provided upon its marginal edge-portions with rearwardly extending flanges, 2, 3, and 4, at the bottom and side-edges, respectively, and along its upper marginal edge, the said case or body 1 is provided with the two rearwardly extending flanges 5 and 6. Connecting the inner end-portions 7 and 8 of said flanges 5 and 6 is another rearwardly projecting flange 9, preferably of a circular or arc-shaped configuration, and extending across the lower portion of the receiving depression 10 thus formed is a web or plate-like member or element 11, said parts

being preferably made integral with each other, by being stamped out of sheet-metal, as will be clearly understood from an inspection of Figs. 1 to 5 inclusive. In this manner, a lock-case or body is provided having in its face a suitable receiving depression 10, while in the back it is formed with a chamber 12. The said case or body 1 is also provided with suitably disposed holes or perforations 13 for the reception of suitable rivets or nails by means of which the lock-case can be secured upon the frame-section of a coat-case or bag, or upon the body of a trunk, or the like, as will be clearly evident. The said case or body is also provided with an elongated opening or slot, as 15, as indicated in dotted outline in Fig. 2 of the drawings, and suitably disposed within the chamber 12 of said case or body 1 is a shell or casing 14 which contains a suitably constructed and preferably key-operated bolt-actuating mechanism, said shell or casing 14 being made with an opening 16 through which extends a bolt 17 which is normally forced into the positions indicated in Figs. 2, 3, 4 and 5 of the drawings by the spring-controlled bolt-actuating mechanism within said shell or casing 14, and can be secured against movement, if desired, by locking the mechanism within the shell or casing, by means of a suitable key, which can be inserted through a suitable key-hole, as 18, in the said case or body 1.

At its free end-portion the bolt 17 is made with an outwardly pressed holding or retaining portion or element 19, substantially as shown, and for the purposes to be presently more fully described, said end-portion of the bolt 17 terminating, under normal conditions, above an opening or hole 20 with which the web or plate-like element 11 is preferably provided. The said web or plate-like element 11 is also provided with suitably disposed openings or holes 21, and arranged within said receiving depression 10, resting directly upon the web 11, is a box 22, substantially of the configuration shown in Figs. 2, 3 and 6 of the drawings. This box is provided with a surrounding flange 23, said flange being partly cut away, as at 24, see Figs. 3 and 6, and extending from said flange are retaining lugs or holding tongues 25 which are passed through the holes or openings 21 in the web 11 and are then clenched over upon the back of said web, as at 26, in Fig. 4, so as to positively secure said box in said receiving depression 10, in the manner clearly illustrated in Fig. 2 of the drawings. In its upper face, the said box 22 is made with a hole or opening 27, beneath which the retaining portion or element 19 of the bolt 17 is disposed, under normal conditions, the said bolt being slidably arranged in the cut-away part 24 of the flange 23 of the box 21, and said bolt ex-

tending through an opening 28 in the flange 9 of the case or body 1, the said bolt extending into the lock-casing or shell 15, and being operatively connected with the mechanism in said shell 15. Suitably secured to said bolt, and extending into and through the elongated slot or opening 14, is a pin or rivet having connected therewith, in any suitable manner, a knob or finger-piece 30, which closes said hole or slot 14 and is slidably arranged upon the outer face of the main case or body 1 for the purposes of producing a sliding movement of the bolt 17 and withdrawing its retaining portion or element 19 from beneath the hole or opening 27 in said box 22.

The reference-character 31 indicates the usual hasp-plate which is provided with suitably disposed holes or perforations 32 for the reception of rivets or nails, by means of which the plate is secured to the other frame-section of the coat-case or bag, or to the usual valance of the lid of a trunk, or the like. Pivotaly connected with said hasp-plate is a spring-actuated hasp 33, having upon its lower portion an enlarged part 34 of such a configuration that it can be arranged in the receiving depression substantially in the manner shown, and for the purposes to be presently more fully described. The said hasp is provided upon its back with a rearwardly extending flange 35, forming with said hasp a chambered part 36, and connected with the enlarged part of the hasp and extending rearwardly from said hasp and into and from said chamber 36 is a locking or holding post or stud 37, said post or stud being provided with a receiving recess or slot 38 into which the retaining portion or element 19 of the bolt 17 is sprung when the chambered hasp-enlargement is arranged over the box 22 and the post or stud 37 is forced through the hole or opening 27 of said box, so as to bring the parts into their holding or locked engagement, as will be clearly evident from an inspection of the several figures of the drawings, and as clearly illustrated in Fig. 3 of the drawings.

From the foregoing description of my present invention, it will be clearly evident, that a simply constructed and a neat and ornamental lock-case and hasp therefor has been provided, and one in which the parts of the hasp which are to be connected with the lock-case do not project above the outer face of the lock-case, so that all objectionable and unsightly projections are thereby clearly avoided. Furthermore, the box 22 being arranged upon the web 11 and projecting above said web into the receiving depression 10, forms a suitable guide, as the chambered portion of the hasp is arranged over and about said box, substantially as illustrated in the drawings, so that the hasp

when closed down will perfectly register with the depressed or recessed portion of the main lock-case or body 1, and substantially flush upper surface-portions between the connected parts will thereby be provided, as will be clearly evident.

Instead of making the main case or body and the box in two pieces, the same may be integrally made as indicated in Figs. 7 and 8 of the drawings. In that case, the body 1 which is preferably made from sheet-metal is provided with the rearwardly projecting marginal flanges 39 and 40 and 41. Said flanges 40 and 41 are connected by a curved and rearwardly extending flange 42, a box-like portion or member 43 being integrally connected with said flange 42, by means of a web-like part 44, all of said parts being pressed out of one piece of sheet-metal, forming the hasp-end receiving portion 45, and the chambered parts 46 and 47, as shown. In all other respects the lock-case is the same as that described hereinabove.

In some instances, the body or case 1, as is shown in Figs. 9 and 10, may have suitably secured upon the marginal edge of the flange 9, a separate plate 48, said flange 9 being provided with securing lugs or tongues 49 which are passed through holes or openings in said plate 48 and are clenched over upon the back of the said plate, substantially as shown. A box 22, similar in construction to the box described in connection with the various parts represented in Figs. 1 to 6 inclusive, is secured upon said plate 48, as illustrated. In Figs. 11 and 12, I have shown a plate 50 which is secured to the flange 9 of the main case or body 1 by means of holding or retaining lugs 51, the said plate 50 having a box 52 pressed in an outward direction from its face, as clearly shown. In all other respects, the construction of the remaining parts of the lock-case are the same as those already described in the foregoing description of my present invention.

Of course I am aware that various other changes may be made in the general arrangements and combinations of the devices and parts, as well as in the details of the construction of the same, without departing from the scope of the invention as defined in the appended claims. Hence, I do not limit my invention to the exact arrangements and combinations of the devices and parts as described in the foregoing specification, nor do I confine myself to the exact details of the construction of the said parts as illustrated in the accompanying drawings.

I claim:—

1. In a fastening device of the character specified, the combination of a lock-case formed with a receiving depression in its face, of a shell within the chamber of said lock-case, said shell being provided with a bolt-operating mechanism, a sliding bolt extend-

ing from said shell into said receiving depression, a hasp provided with a portion adapted to be arranged in said receiving depression, so that the outer faces of the lock-case and hasp are substantially flush, and a post on said hasp adapted to be brought in holding engagement with a portion of said bolt.

2. In a fastening device of the character specified, the combination of a lock-case formed with a receiving depression in its face, of a box in said depression, and a hasp provided with a chambered portion adapted to be arranged in said receiving depression and over said box, so that the outer faces of the lock-case and hasp are substantially flush.

3. In a fastening device of the character specified, the combination of a chambered lock-case formed with a receiving depression in its face, of a chambered box in said depression, said box being provided with a retaining-post receiving hole, a shell within the chamber of said lock-case, said shell being provided with a bolt-operating mechanism, a sliding bolt extending from said shell into said receiving depression and into said chambered box, and a hasp provided with a chambered portion adapted to be arranged in said receiving depression and over said box, so that the outer faces of the lock-case and hasp are substantially flush, said hasp being provided with a post adapted to enter the hole in said box so as to engage with said bolt.

4. In a fastening device of the character specified, a lock-case comprising a main body, surrounded upon the back with a marginal flange, forming a chamber upon the back of said body, said body being provided with a receiving depression also surrounded by a marginal flange, a web extending across said receiving depression from the flange which surrounds said depression, and a hasp provided with a portion adapted to be arranged in said receiving depression, so that the outer faces of the lock-case and hasp are substantially flush.

5. In a fastening device of the character specified, a lock-case comprising a main body, surrounded upon the back with a marginal flange, forming a chamber upon the back of said body, said body being provided with a receiving depression also surrounded by a marginal flange, a web extending across said receiving depression from the flange which surrounds said depression, and said flange being formed with a bolt-receiving opening, a shell within said chamber, said shell being provided with a bolt-operating mechanism, a sliding bolt extending from said shell through said opening in the flange which surrounds said receiving depression and having a portion slidably arranged in said receiving depression and upon said web, a hasp provided with a portion adapted to be arranged in said receiving depression, so that the outer faces of the lock-case and hasp are

substantially flush, and a post on said hasp adapted to be brought in holding engagement with a portion of said bolt.

6. In a fastening device of the character specified, a lock-case comprising a main body surrounded upon the back with a marginal flange forming a chamber upon the back of said body, said body being provided with a receiving depression also surrounded by a marginal flange, a web extending across said receiving depression from the flange which surrounds said depression, a box upon said web, said box extending into said receiving depression, and a hasp provided with a chambered portion adapted to be arranged in said receiving depression, so that the outer faces of the lock-case and hasp are substantially flush.

7. In a fastening device of the character specified, a lock-case comprising a main body surrounded upon the back with a marginal flange forming a chamber upon the back of said body, said body being provided with a receiving depression also surrounded by a marginal flange, a web extending across said receiving depression from the flange which surrounds said depression, and said flange

being formed with a bolt-receiving opening, a box upon said web, said box extending into said receiving depression, said box being provided with a retaining-post receiving hole, and being formed with a cut-away portion in one of its sides, a shell within said chamber, said shell being provided with a bolt-operating mechanism, a sliding bolt extending from said shell through the opening in the flange which surrounds said receiving depression and also through the cut-away portion in the box so as to have a portion slidably arranged within said box and upon said web, a hasp provided with a portion adapted to be arranged in said receiving depression and over said box, so that the outer faces of the lock-case and hasp are substantially flush, and a post on said hasp adapted to enter the hole in said box so as to engage with said bolt.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 28th day of February, 1908.

CARMINE J. SALVIOLA.

Witnesses:

FREDK. C. FRAENTZEL,
ANNA H. ALTER.