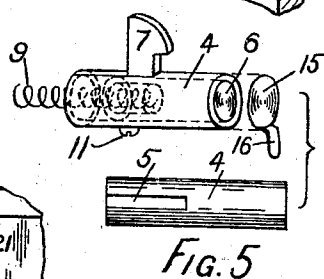
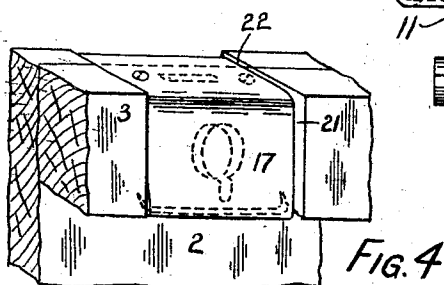
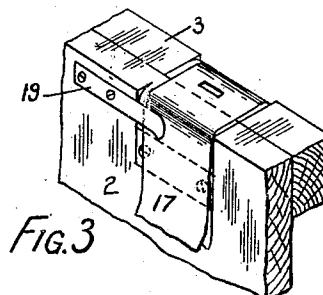
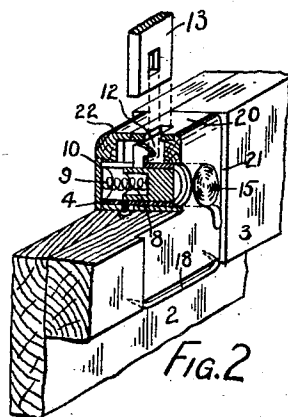
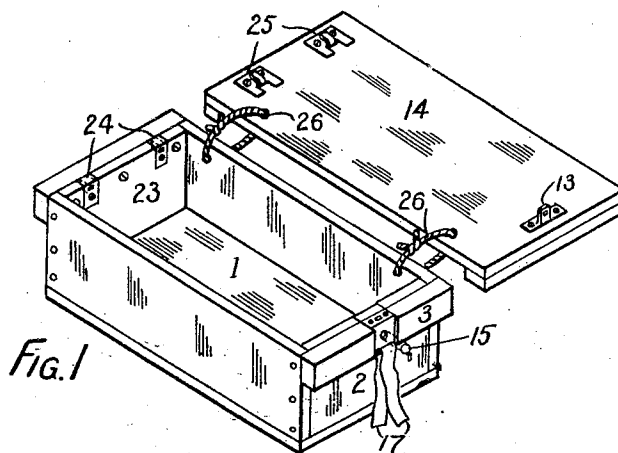


Sept. 2, 1924.

1,507,110

R. H. DUNCAN
SECURITY BOX OR CASE
Filed Aug. 10, 1922



Inventor
R. H. Duncan,
By *Marion Clark* Atty's

UNITED STATES PATENT OFFICE.

ROBERT HENDERSON DUNCAN, OF EPPING, NEW SOUTH WALES, AUSTRALIA.

SECURITY BOX OR CASE.

Application filed August 10, 1922. Serial No. 580,963.

To all whom it may concern:

Be it known that I, ROBERT HENDERSON DUNCAN, a subject of the King of Great Britain and Ireland, residing at Kent Street, Epping, New South Wales, Australia, have invented new and useful Improved Security Boxes or Cases, of which the following is a specification.

This invention relates to improvements in the security box or case which is the subject of Letters Patent of the United States of America granted to me No. 1,394,981 dated 25th October 1921. Said improvements have relevance particularly to the lock and sealing means for the said box or case.

Referring to the accompanying drawings, Fig. 1 is a perspective view of the box with lid thereof open; Fig. 2 a detail sectional view illustrating the lock and sealing means; Fig. 3 a detail sectional view showing means on the interior of the box for retaining a sealing strip in position; Fig. 4 a detail sectional view showing a front view of the sealing strip; and Fig. 5 detail view of the lock and a sealing plate.

The body 1 and lid 14 of the box may be constructed as shown in the drawings relating to my prior patent before mentioned. In Fig. 1 of the accompanying drawing the wire binding and the securing staples for the parts of the box described and shown in connection with my said prior patent are not shown. At the head of the lock end 2 of the box 1 a transverse bar 3 is secured; this bar is holed to receive the tube 4 which is slotted at 5 and is adapted to have slidably mounted therein the bolt 6 carrying the hasp 7. Said bolt is provided with a recess 8 within which is fitted the coil spring 9, one end of which abuts the bottom of the recess 8 and the other end abuts the metal plate 10 which is secured by screws to the interior of the lock end 2 of the box 1.

To prevent the tube 4 projecting beyond a limited extent into the opening in the bar 3 said tube may be fitted with a screw 11 or other suitable means, and a depression may be provided in the bar within which the head of said screw may seat. The shank of the hasp 7 is free to slide in the slot 5 of the tube 4 and the bar 3 is furnished with a recess 12 to permit the hasp to slide in the said tube as well as to allow the holed staple 13 attached to the lid 14 of the box to engage with the hasp 7 when the lid 14 is closed on the box 1. A slotted guide plate 20 for the

staple 13 may be secured by screws to the head of the bar 3.

Sealing means are preferably provided for the box when in closed position. These means may consist of a metal or other suitable plate 15 preferably furnished with a tongue 16 adapted to be set in the opening in the bar 3 in front of the tube 4 located in said opening. When the plate 15 is disposed in the said opening the tongue 16 abuts the front face of the lock end 2 of the box 1. Said plate may be substituted by paper or card of suitable thickness, and, if desired, of a preferred color. Sealing wax may also be set over the plate 15 if required, and appropriate stamp or other markings may be made thereon, or these markings may appear on the said plate or on the exposed face of the sealing strip 17 of paper, cloth or other suitable material which is positioned over the plate 15 and has its loose ends extending within and secured to the interior of the lock end 2 of the box 1 when the latter is in closed position.

A loop 18 may be affixed to the front face of the bar 3; such loop has its ends preferably carried to the rear face of such bar where they are overturned to prevent withdrawal of the loop 18 from the said bar. The sealing strip 17 is preferably doubled after one end thereof has been passed under the loop 18, and it is made to extend over the plate 15 (set over the bolt 6 and the tube 4), as well as over the heads of the bar 3 and the lock end 2 of the box 1; the loose ends of the sealing strip 17 extend within the interior of the box 1 and depend from the head of the lock end 2 thereof. On such end a metal leaf spring 19 may be affixed to retain the loose ends of the strip 17 or such ends may be secured to the interior of the box 1 in any other suitable manner. A hole is provided in the strip 17 adapted to register with the opening in the slotted guide plate 20 located at the head of the bar 3 to enable the staple 13 on the lid 14 to pass through such hole into the opening in the plate 20 to engage with the hasp 7. Grooves 21 and 22 are preferably made in the bar 3 and the lock end 2 of the box 1 to receive the sealing strip 17. If required the exposed portion of said strip may also be secured to the bar 3 by tacks or other devices whose heads may be tipped with solder or the like to prohibit ready withdrawal of the tacks.

Angle iron plates may be secured in.

teriorly of the box 1 to prevent the sides, ends, and bottom thereof from being readily separated. The end 23 of the box 1 opposite to the lock end thereof is fitted with plates 24 having holes therein registering with depressions in said end into which fit the hooked catches 25 attached to the interior of the lid 14; the latter is affixed to the box 1 by cords 26 or the like.

When the lid 14 has been closed on the box 1, after the sealing devices described have been attached to the box, it is not possible to open said lid from the box without destroying the sealing strip 17 and removing the plate 15, whereby access may be gained to the bolt 6. Upon thus gaining access to the bolt 6 it is only necessary to depress same against the pressure of the coil spring 9, when the hasp 7 will be removed from engagement with the staple 13 on the lid 14, and the latter may then be lifted, and the hooked catches 25 thereon drawn out of engagement with the holed plates 24 on the end 23 of the box, and the said lid thereby opened from the box 1.

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

1. A security box having attached to one end thereof a transverse bar, said bar and end of said box being holed to receive a slotted tube, a spring pressed bolt carrying a hasp slidable in said tube and movable within a clearance space in said bar, a staple attached to the lid of said box adapted to engage with said hasp when said lid is closed on said box, catches on the said lid adapted to engage catches on the opposite end of said box, and means for sealing said box whereby access to the said bolt is only obtainable by damaging said sealing means to open said lid from said box by removing the staple on said lid from engagement with said hasp.

2. In a security box provided with a spring pressed sliding bolt at one end thereof, the combination of a transverse bar adapted to be secured to such end and to hold therein portion of a slotted tube in which said bolt is slidable, a hasp on said bolt movable within a clearance space in said bar and the slot in said tube and adapted to engage a staple on the lid of said box when the said lid is closed on said box, catches respectively attached to said lid

and the opposite end of said box adapted to engage with each other when the said lid is closed on said box, and a loop on the exterior face of said bar to which one end of a sealing strip may be secured and carried over an imperforate plate facing the outer end of said bolt, said sealing strip being attached at its opposite loose end to the interior of said box and holed to permit the said staple to pass therethrough.

3. In a security box as set forth in claim 2 hereof, the construction in which the end of the box which carries the spring pressed sliding bolt is fitted with a metal leaf spring whereby the loose end of the sealing strip is detachably held on the interior of said box.

4. A metal sealing plate for the outer end of a spring pressed bolt carried in the end of a security box, said plate being provided with a portion adapted to be closed over said end of said bolt and a tongue integral with said portion adapted to seat against an abutment on said box.

5. A securing box having attached to one end thereof a tube provided with a longitudinally extending slot, a recessed bolt arranged in said tube and carrying a hasp slidable in said slot, a chamber arranged in the end of the box into which the hasp extends, a lid for said box provided with a staple adapted to extend into said chamber and to be engaged by said hasp, a spring arranged in said tube and extending into the recess of the bolt for normally forcing the bolt into locking position, and means for sealing the outer end of said tube, whereby access to the said bolt is only obtainable by damaging said sealing means.

6. In a security box having in one of its ends a sliding bolt adapted to engage a staple on the lid of said box when said lid is closed on said box, the combination of a sealing strip closable over an imperforate plate situated over the outer face of said bolt, said sealing strip being secured at one of its ends to the outer face of said end of said box which carries said bolt and being extended over said imperforate plate whereby its other loose end is securable on the interior of said box.

In testimony whereof I have signed my name to this specification.

ROBERT HENDERSON DUNCAN.