Sept. 6, 1938. C. W. CHENEY 2,129,117

BOLT AND HASP FASTENING FOR ATTACHÉ AND SUITCASES AND THE LIKE

Filed April 12, 1938

Fig. 2.

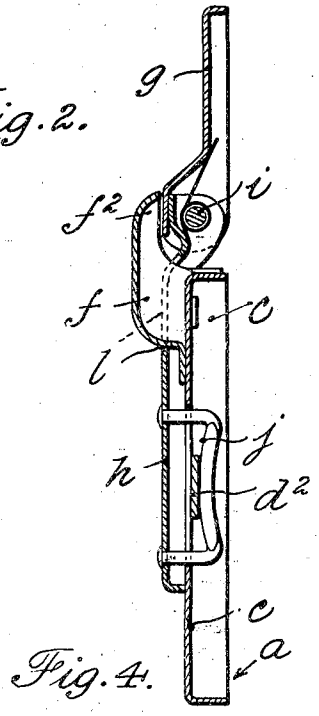


Fig. 1.

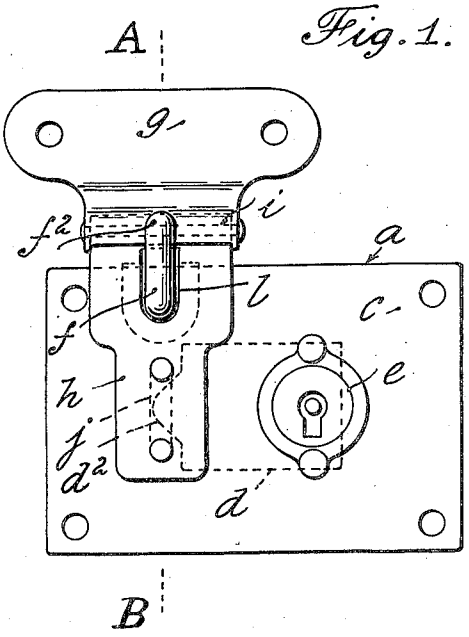


Fig. 4.

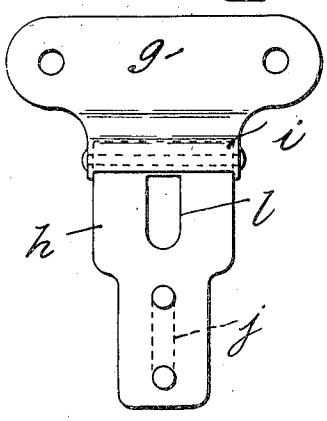


Fig. 3.

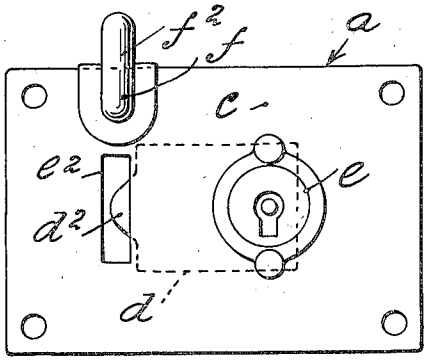


Fig. 6.

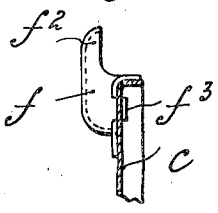
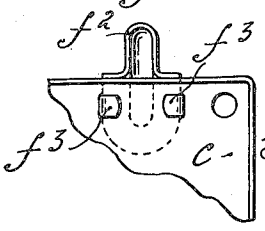


Fig. 5.



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BOLT AND HASP FASTENING FOR ATTACHÉ AND SUITCASES AND THE LIKE

Charles William Cheney, Birmingham, England

Application April 12, 1938, Serial No. 201,472
In Great Britain January 14, 1937

2 Claims. (Cl. 292—281)

The invention relates to bolt and hasp fastenings of the kind used on an attaché or suit case and wherein the hasp member comprises an attachment plate and a hasp-proper hinged together, the latter carrying a loop or a notched peg, and the bolt member comprises a bolt disposed within a casing to work across an opening in the front of the casing to engage said loop or notched peg when the hasp and bolt members are put into engagement, said bolt being normally spring operated into engaging position.

In this kind of fastening the loop or notched peg on the hasp-proper enters the opening to exert a pressure on the nose of the bolt to retract said bolt against its spring and thereby provide a snap engagement.

Bodies and lids of attaché and suit cases, and the like, to which fastenings of the kind referred to are applied are generally made of cardboard, strawboard or like flimsy material having little resistance to deformation, in consequence of which the snap engagement of the hasp member with the bolt member is rendered difficult by the engaging pressure being largely absorbed by deformation of the material of the lid or body, or both.

The invention provides a fastening aforesaid having a longitudinal slot in the hasp-proper adjacent its point of hinging to its attachment plate and a horn or projection rigid upon the exterior of the casing of the bolt-member to engage this slot, and distinctive by said horn or projection having an overhanging portion adapted to lie over the front of the hinge portion of the hasp member while said hasp member is being put into snap engagement with the bolt member, and also after said engagement has taken place, this overhanging portion preventing forward movement of the attachment plate and rearward movement of the casing, and therefore consequent deformation of the material of the body and lid, so that hand pressure putting the members into engagement is relative to the two members only.

It is preferable to arrange the invention so that the slot in the hasp is longitudinally in line with the loop or notched portion, and the overhanging horn or projection of the casing longitudinally in line with the opening in said casing to receive said loop or peg, so that engagement between the slot and the horn locates the engaging portion of the hasp member in relation to the bolt member.

The invention is represented in its desirable form by the accompanying drawing.

Fig. 1 is a front view of the fastening in engagement.

Fig. 2 is a section of Fig. 1 on the line A—B on a larger scale.

Fig. 3 is a front view of the bolt member, Fig. 1, separately.

Fig. 4 is a front view of the hasp member, Fig. 1, separately.

Figs. 5 and 6 are detail views of the overhanging horn or projection forming a rigid part of the bolt casing.

The bolt member *a* has within its casing *c* a slidable bolt *d* withdrawn by hand by the knob *e* and automatically moved into the engaging position by the usual spring (not shown) so that its nose end *d2* lies partly across an opening *e2* in said casing.

Rigidly fixed upon the casing *c* is a horn or projection *f*, distinctive by having an overhanging portion *f2* as clearly shown by Figs. 3, 5 and 6, this horn or projection and overhanging portion being provided on the casing by a separately formed piece attached to the casing by clinching lugs *f3*, *f3*.

The hasp member comprises an attachment plate *g* and a hasp-proper *h*, spring hinged together in a well-known manner at *i*, the hasp-proper carrying on its inner face a loop *j* to be engaged by the nose end *d2* of the bolt *d*. This hasp-proper is formed adjacent its hinging to its attachment plate *g* with a slot *l* to be engaged by the horn or projection *f* so that the overhanging portion *f2* of the latter is adapted to lie over the front of the hinge-portion of the hasp member while this member is being put into engagement with the bolt member *a*, and also after said engagement, said complete engagement being clearly shown in Figs. 1 and 2. The two fastening members are thereby held to each other in all directions while the loop *j* is snap engaged with the bolt *d* and without deformation of the material of the case and without undue stresses upon the snap engaging parts, the two members of the fastening being coupled by the horn or projection while the snap engagement takes place.

Assuming the fastening is applied to the body and lid of an attaché case, in closing the hasp the horn or projection *f* with its overhanging portion *f2* is first threaded through the slot *l*. As these parts are in line with the loop *j* and the opening *e2*, such engagement accurately locates the hasp member in relation to the bolt member. As the threading proceeds the over-

hanging portion *f2* moves over and bears against the front of the hinge portion *i* of the attachment plate *g* to prevent the latter moving forward while the loop *j* of the hasp-proper is forced fully home to cause the bolt *d* to snap engage said loop.

Having now described my invention, what I claim and desire to secure by Letters Patent is:

1. Bolt and hasp fastenings combining a bolt casing, a rigid projection upon the exterior of said casing and having an overhanging portion, an attachment plate, a hasp-proper hinged to the attachment plate and provided with a slot adjacent the hinge and with a loop to enter the casing, the slot to receive the projection and the overhanging portion of said projection, the latter being adapted to lie against the front of the hinge of the hasp-proper.

2. Bolt and hasp fastenings of the kind described combining a casing containing a bolt, an opening in the casing to expose the nose of the bolt, a rigid projection having an overhanging portion, said projection being a separately formed part rigidly applied to the casing, and a hinged hasp member provided with a slot to receive the projection so that its overhanging portion forms an abutment in front of the hinge of the hasp member which also has a loop to co-operate with the nose of the bolt.

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