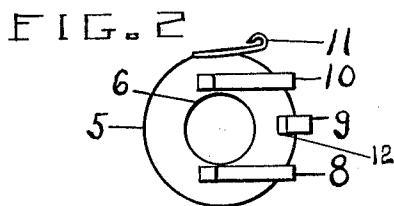
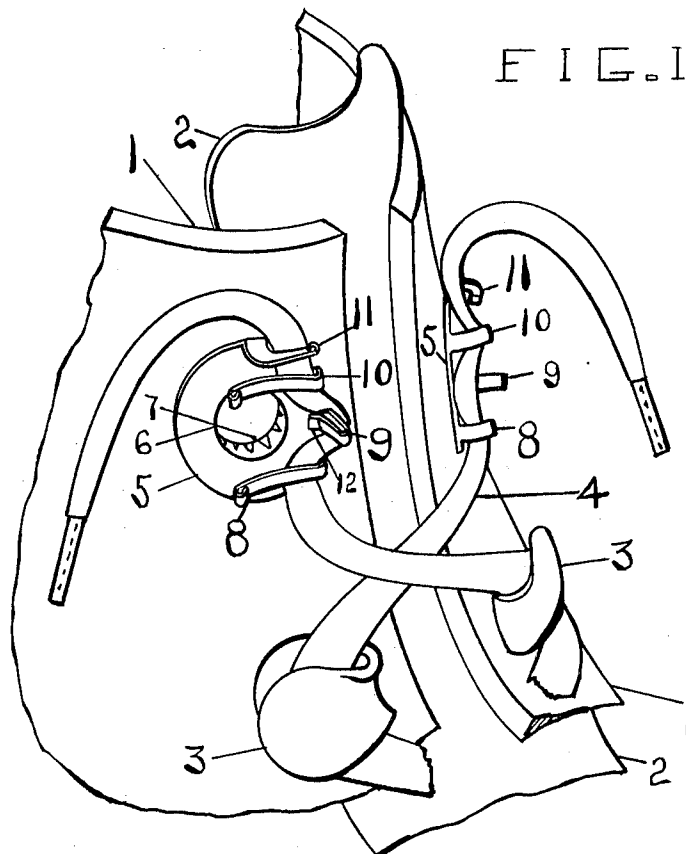


W. H. GANSS.
FASTENING DEVICE.
APPLICATION FILED JULY 8, 1909.

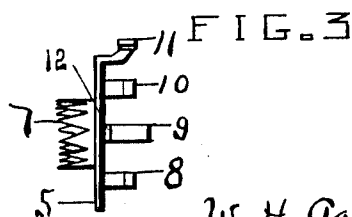
1,022,132.

Patented Apr. 2, 1912.



WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM H. GANSS, OF TOLEDO, OHIO.

FASTENING DEVICE.

1,022,132.

Specification of Letters Patent.

Patented Apr. 2, 1912.

Application filed July 8, 1909. Serial No. 506,497.

To all whom it may concern:

Be it known that I, WILLIAM H. GANSS, a citizen of the United States, residing at Toledo, Lucas county, Ohio, have invented new and useful Fastening Devices, of which the following is a specification.

This invention relates to a fastening device or holding clip.

This invention has utility when embodied in structures to hold strands, as in lacings for shoes.

Referring to the drawings: Figure 1 is a perspective view of a portion of a shoe showing an embodiment of the device adapted to hold the lacings; Fig. 2 is a plan view of the device; and Fig. 3 is a side elevation of the device, looking from the left of Fig. 2.

The shoe 1 is shown as provided with the tongue insert 2 to shield the opening down the shoe front. The opposite sides of the opening has lacing engaging means or hooks 3 for the lacing or flexible line 4 drawn therethrough to bring the sides of the shoe into fitting position. When the lacing is so pulled up, it may be effectively held by the clip or disk 5, shown as provided with central opening 6 having prongs 7 to be clenched through opening in the shoe and thereby form an eyelet mounting for the fastener 5.

The circular fastener embodies the staggered series of peripheral projections, 8, 9, 10, 11, all integral with the eyelet, and formed from a sheet metal blank. The shoe 1 serves as a mounting for the fastener. The similarly disposed hooks 8, 10, with the intermediate abutment 9 are bent toward the eyelet portion of the member 5 from one side thereof, while the fourth projection or third and oppositely disposed hook 11 is lateral to hook 10 and bent theretoward. The abutment 9 is doubled on itself to not only stiffen but to additionally brace this holding portion by having its terminus 12 rest on the member 5. Hooks 8, 10, 11, like the abutment 9, are all rigid, and have sufficient overhang to retain the cord, strand, or lacing. The abutment 9, while not having the overhang of the hooks, is inclined away from the member 5 slightly, in order that the object held will be resisted against slipping off and that strain will be effective to hold it more firmly locked.

The device is a simple compact structure,

which may be cheaply manufactured, readily applied to footwear and other articles, and so applied is neat, efficient and easily used. The clips are made right and left hand, as shown in Fig. 1.

In operation, the lacings, first pulled taut, are brought under hooks 8, about abutments 9, thence under hook 10. This tortuous path under the two hooks and about the abutment 9 serves to lock the lacing against slipping. The overhang portions of the hooks 8, 10, keep the lacing close to member 5, while the incline of the abutment causes strains on the lacing to lock the lacing more firmly in position. The strain on the lacing leading to hook 8, precludes working of this portion of the lacing out from this hook 8 and thus to free the fastening, while the lacing having free end which passes out from hook 10, is held from accidental displacement by the retaining hook 11. The disposal of the projections is such that with little skill or attention the lacing may be quickly fastened. To release, the operation is merely reversed, and is performed with equal ease. The lacing is successively removed from hooks 11, 10, abutment 9, and hook 8, when the shoe front may be opened by further slackening of the lacings.

What is claimed and it is desired to secure by Letters Patent is:

A hold fast device comprising an eyelet adapted to be attached to a suitable support, a pair of spaced hooks extending parallel with each other and overlying the face of the eyelet, and an abutment located between said hooks and disposed in staggered relation thereto, said hooks and abutment being all formed integral with and carried by said eyelet at the extreme edge thereof, said abutment projecting upwardly from such edge at an angle to the plane thereof and comprising a strip bent over upon itself, the end of such strip resting against the face of the eyelet adjacent the base of the abutment, thereby constituting a brace for the same.

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

WILLIAM H. GANSS.

Witnesses:

C. H. RAUCH,
GEO. E. KIRK.