

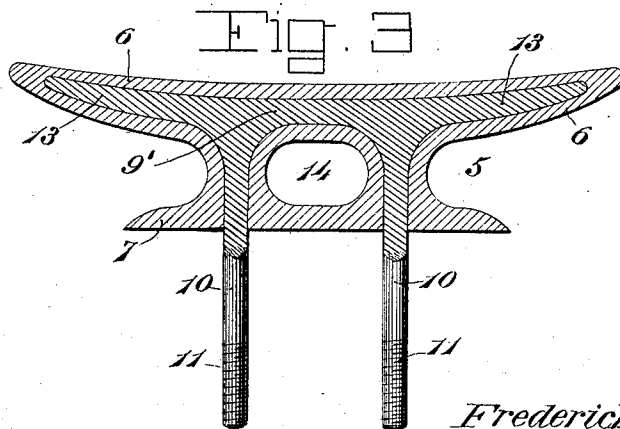
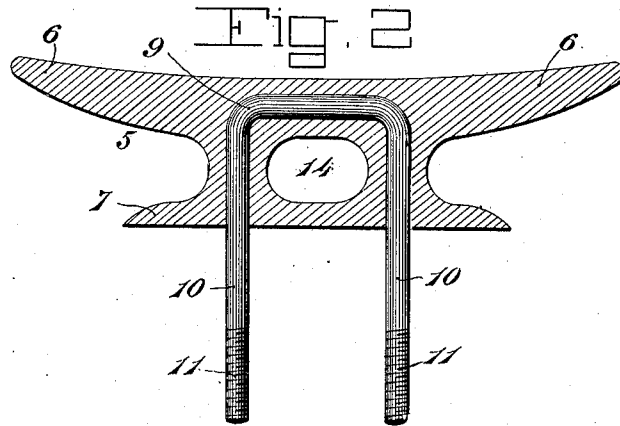
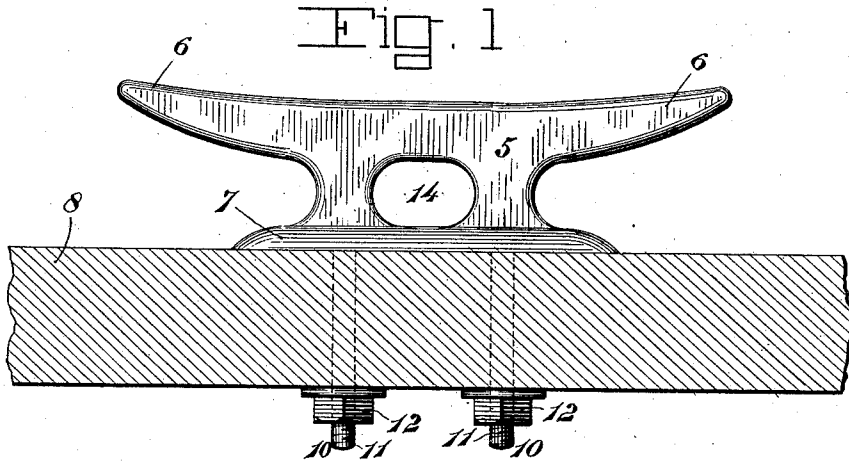
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CLEAT.

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1,034,222.

Patented July 30, 1912.



Witnesses

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1,034,222.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FREDERICK R. DYCH, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Cleats, of which the following is a specification.

The invention relates to cleats, and more particularly to the class of ship or boat cleats.

The primary object of the invention is the provision of a cleat of this character in which the body of the said cleat will be provided with attaching means therefor, embedded therein, thereby materially reinforcing the cleat, and obviating the necessity of boring openings in the cleat for receiving ordinary bolt members for the attachment thereof in the usual well-known way to a boat or ship.

Another object of the invention is the provision of a cleat in which the attaching means therefor is concealed, thus obviating the necessity of the use of ordinary bolt members which would interfere with and hinder the cleaning of the cleat by the necessary exposure of the bolt heads or nuts carried thereby.

A further object of the invention is the provision of a cleat in which the attaching medium thereof will materially reinforce the cleat and obviate the necessity of boring holes therein for the reception of ordinary bolt members which result in the weakening of the cleat.

A still further object of the invention is the provision of a cleat which is simple in construction, thoroughly reliable, strong, durable, and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claims hereunto appended.

In the drawings: Figure 1 is a side elevation of a cleat constructed in accordance with the invention, the same being shown connected with the deck of a boat or ship, said deck being in section. Fig. 2 is a vertical longitudinal sectional view through the cleat. Fig. 3 is a vertical longitudinal sectional view of a slight modification.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings by numerals, the cleat comprises a body 5, preferably constructed from brass, although the same may be constructed from any other suitable material, and is provided with opposite extending horns 6 projecting outwardly from opposite ends of the said body, the latter being formed with a flared base 7 adapted to rest upon the upper surface of a deck 8 of a ship or boat.

Embedded within the body 5 of the cleat is an attaching medium, comprising an inverted U-shaped staple 9, the legs 10 of which are projected through the flared base 7 and are provided with screw threads 11, on which are adjustably mounted the ordinary turning nuts 12. These legs 10 of the inverted U-shaped staple 9 are passed through the deck 8, whereupon the nuts 12 are tightened against the under face of the said deck 8 for the secure fastening of the cleat to the deck of a boat or ship.

In Fig. 3, there is shown a slight modification of the invention, in which the inverted U-shaped staple 9 embedded in the body of the cleat is provided at its inner end with outwardly extending arms 13, the latter being coextensive with and embedded in the horns 6 of the cleat, thus materially strengthening the said horns and likewise the body 5 of the cleat. Medially of the body 5 of the cleat shown both in Figs. 1, 2 and 3 of the drawings, there is provided a central opening 14 which materially lightens the weight of the cleat, but does not in any way weaken the same.

The inverted U-shaped staples 9 and 9' are preferably constructed from wrought iron, thus materially decreasing the cost of manufacture of the cleat with the attaching medium. It is also apparent that the cleat will have a neat appearance and may be easily polished, as the said cleat presents a smooth unmarred and unobstructed surface by reason of the fact that there are no bolt heads or nuts protruding beyond the surface of the same that would interfere with and hinder the cleaning or polishing of the cleat when the occasion requires. Also, it is apparent that the cleat is materially reinforced by the embedding of the attaching medium therein, thus making the same strong and durable.

What is claimed is:

1. A cleat, comprising a base, a body above the said base and having spaced verti-

cal connections, therewith, the said body being formed with oppositely extending horn terminals, and a double limbed fastener embedded within the body and having its limbs
5 passed through the connections and exteriorly of the base in parallel relation to each other.

2. A cleat, comprising a base, a body
10 above the said base and having spaced vertical connections therewith, the said body being formed with oppositely extending horn terminals, a double limbed fastener em-

bedded within the body and having its limbs passed through the connections and exteriorly of the base in parallel relation to
15 each other, and oppositely extending branches formed on the fastener and projecting within the horn terminals.

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

FREDERICK R. DYCH.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."