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CONSTRUCTION SCAFFOLD SAFETY RAILING

Filed Oct. 10, 1966

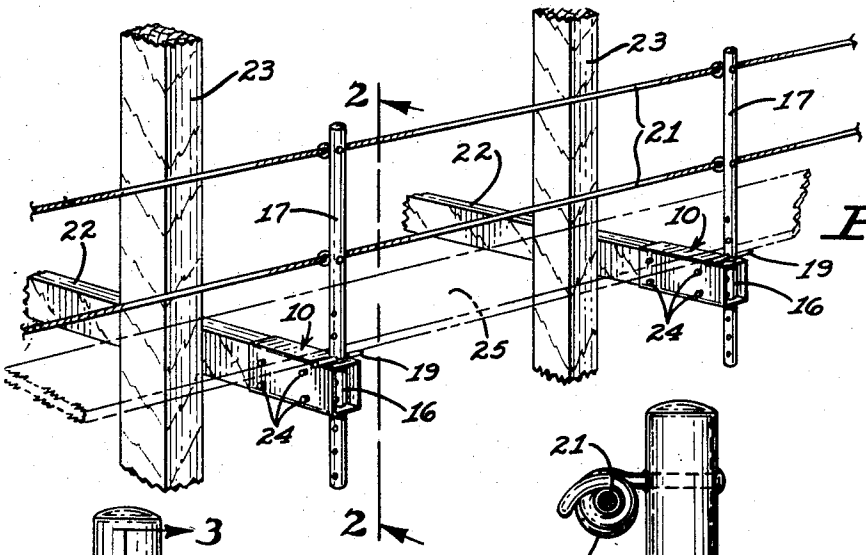


Fig. 1

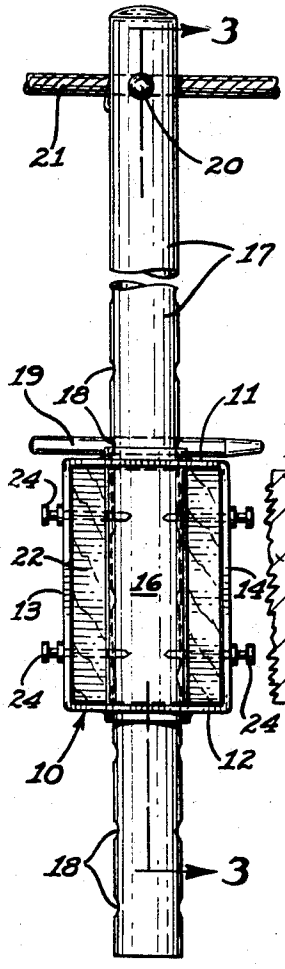


Fig. 2

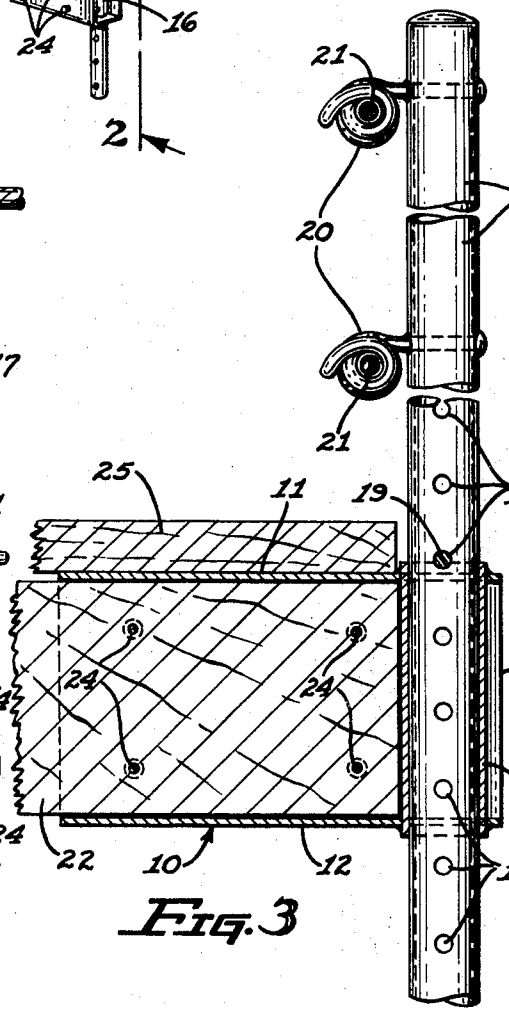


Fig. 3

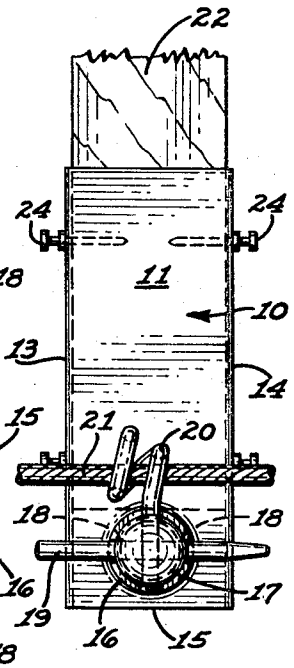


Fig. 4

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CONSTRUCTION SCAFFOLD SAFETY RAILING

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ABSTRACT OF THE DISCLOSURE

A construction scaffold safety railing element in the form of a rectangular sleeve fitting over the outer ends of horizontal joist members having upright railing support post supporting tubes formed within the outer end of the sleeve to provide a safety railing support for the scaffold.

This invention pertains to improvements in building construction scaffolding and is particularly directed to a construction scaffold safety railing.

One of the objects of this invention is to provide a safety railing for construction scaffolding which is easily installed and removed after the job is completed.

Still another object of this invention is to provide a protective safety railing structure for a construction scaffolding which is strong and dependable yet is quick to install and remove with a minimum of skill and tools being required.

It is a further object to provide a railing structure for a scaffolding which is completely demountable and requires a minimum of storage and shipping space for efficient handling and transportation from job to job.

It is also an object to provide a portable railing structure for scaffolding which has a minimum of parts and hardware to put it into effective use.

Further features and advantages of this invention will appear from a detailed description of the drawings in which:

FIG. 1 is a perspective view showing the railing of this invention in use with a scaffolding.

FIG. 2 is an enlarged fragmentary front elevation of a railing post structure indicated by the line 2—2 in FIG. 1.

FIG. 3 is an enlarged fragmentary sectional view on the line 3—3 of FIG. 2.

FIG. 4 is a top plan view of the post structure shown in FIG. 2.

As an example of one embodiment of this invention there is shown a construction scaffold railing comprising a series of support posts each comprising a mounting sleeve **10** consisting of a tubular member having a top **11**, bottom **12**, and integrally formed sides **13** and **14**. Adjacent the forward or front end **15** of the sleeve **10** is

fixed a vertically disposed post supporting tube **16** projecting above and below the top and bottom of the sleeve **10** and arranged to telescopically receive the railing post **17**. A series of vertically spaced diametrically disposed positioning holes **18** are formed in the railing post **17** and arranged to receive a positioning pin **19** which rests on top of the tube **16** to vertically position the railing post in desired position.

A series of vertically spaced pigtail railing cable hooks **20** are fixed on the inner faces of the railing posts **17** and are arranged to releasably secure suitable railing cables **21**. The sleeves **10** are slipped over the outer ends of the horizontal joist members **22** of the vertical studding **23** of the building structure and secured thereon by suitable removable double-headed nails **24**. Suitable plywood sheets or boards **25** forming the walkway are placed over the tops **11** of the sleeves **10** and the joists **22** to complete the scaffolding with the protective railing as described.

While the apparatus herein disclosed and described constitutes a preferred form of the invention, it is also to be understood that the apparatus is capable of mechanical alteration without departing from the spirit of the invention and that such mechanical arrangement and commercial adaptation as fall within the scope of the appendent claims are intended to be included herein.

Having thus fully set forth and described this invention what is claimed and desired to be obtained by U. S. Letters Patent is:

1. A construction scaffold safety railing support element comprising in combination:

(A) a mounting sleeve arranged to slip over the outer joist ends of a building being constructed consisting of

(B) a top,

(C) a bottom,

(D) integrally formed vertical sides,

(E) a vertically disposed post supporting tube fixed in and extending between said top and bottom adjacent an end of said mounting sleeve, and

(F) nailing holes formed in said vertical sides for demountably securing said mounting sleeve on said joist ends.

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