

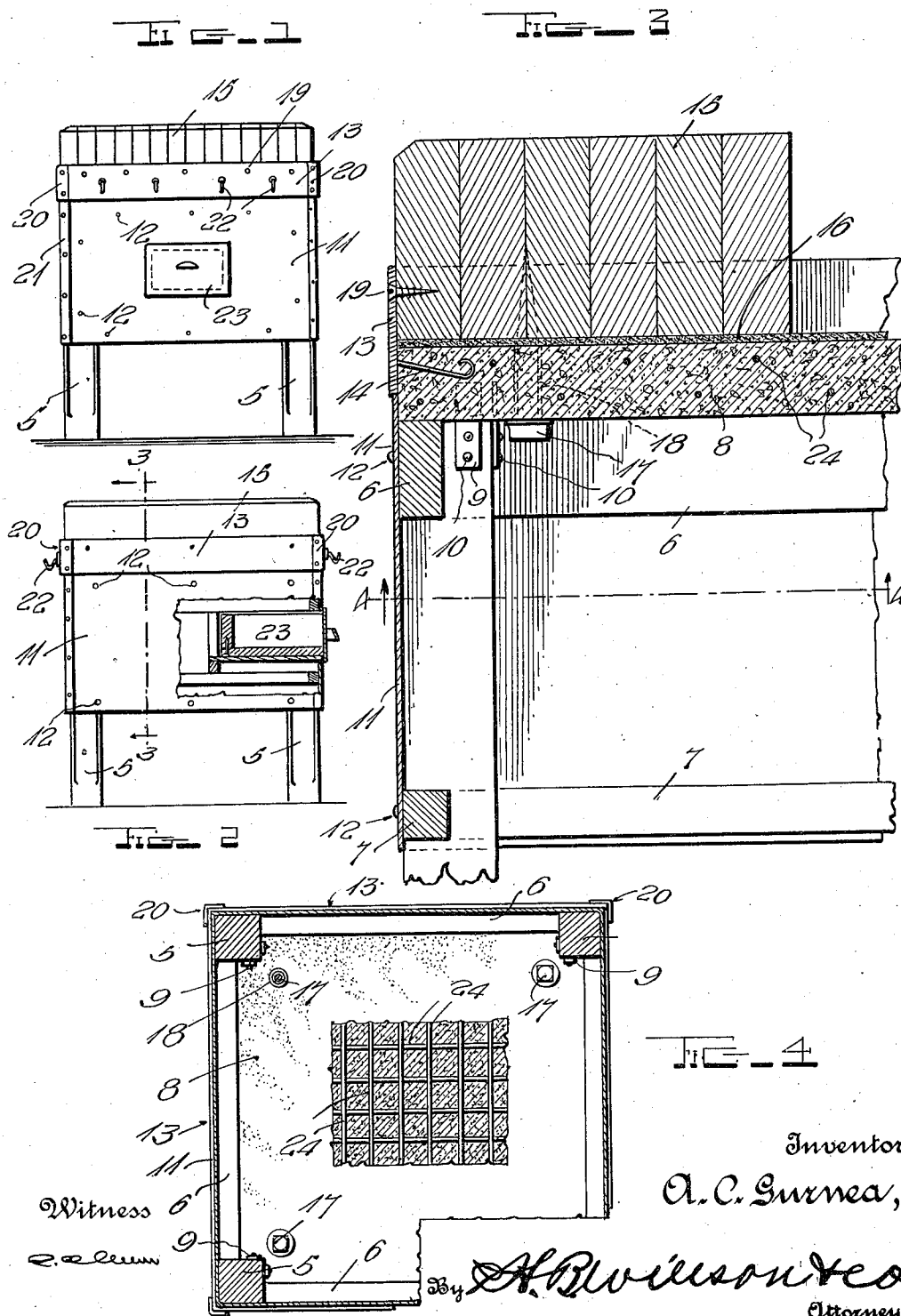
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BUTCHER'S BLOCK

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UNITED STATES PATENT OFFICE

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BUTCHER'S BLOCK

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The invention aims to provide a new and improved construction for butcher's blocks in which a monolithic cement slab adds weight to the structure and serves to support a block of wood, said slab and a plurality of anchors embedded therein also serving to rigidly tie the upper end of a supporting frame together and to rigidly attach a plurality of vertical plates which engage the edges of the slab and the block.

A further aim is to provide a structure which possesses some yieldability under impact, regardless of the fact that it embodies the rigid monolithic slab.

A still further aim is to provide a rather simple and inexpensive construction, yet one which will be efficient and in every way desirable.

With the foregoing in view, the invention resides in the novel subject matter hereinafter described and claimed, description being accomplished by reference to the accompanying drawing.

Fig. 1 is a front elevation.

Fig. 2 is a side elevation partly broken away and in section.

Fig. 3 is an enlarged vertical sectional view on line 3—3 of Fig. 2.

Fig. 4 is a horizontal sectional view on line 4—4 of Fig. 3.

The form of construction herein disclosed may be considered as preferred and while such construction will be specifically explained, it is to be understood that within the scope of the invention as claimed, minor variations may be made.

A supporting frame is provided by a plurality of legs 5 and horizontal upper and lower bars 6—7 extending between and suitably secured to said legs. A monolithic cement slab 8 rests upon the bars 6 and legs 5 and at its edges is flush with the outer sides of said bars and legs. Anchors 9 are embedded in the slab 8 and project downwardly therefrom for contact with portions of the legs 5 which project inwardly beyond the bars 6, these projecting anchor portions being fastened to said legs by screws or the like 10. Metal side plates 11 are suitably secured to the legs 5 and to the bars 6 and 7,

screws 12 being shown for this purpose. The upper edges of these plates project somewhat above the bars 6 and lie against the edges of the slabs 8 to assist in holding the latter in fixed relation with the frame. Horizontally elongated metal plates 13 are welded or otherwise joined to a suitable number of anchors 14 which are embedded in the slab 8. These plates 13 lie against the edges of the slab and rest upon the upper edges of the plates 11, and said plates 13 project above said slab to lie against the edges of a block 15 of laminated wood or other appropriate material. This block 15 rests upon a layer of felt or other cushioning material 16 which extends over the entire area of the top of the slab 8, said layer 16 being yieldable under impact and serving to absorb a great deal of the sound which would otherwise be produced, and also acting to relieve the floor from direct impact which would otherwise be imparted to it, for instance when chopping upon the block 15. Vertical lag screws 17 pass through metal sleeves 18 which are embedded in the slab 8, said screws being threaded into the lower side of the block 15, and additional screws 19 pass through the upper portions of the plates 13 and are threaded into said block. Angle metal corner pieces 20 are secured to the ends of the plates 13 and similar corner members 21 are secured to the vertical edges of the side plates 11, giving a good appearance and adding rigidity to the structure.

In connection with the features above described, any desired accessories may be used, for instance, supporting hooks 22 for cleaver, saw, etc., and a drawer 23 for knives and other small tools. Then too, any known mechanical expedients may be employed in addition to the details already described. For instance crossed reinforcing rods 24 may be embedded in the slab 8.

Obviously, whenever the laminated wooden block 15 has been excessively worn down by long use, it may be removed and a new block substituted.

I claim:—

1. A butcher's block comprising a supporting frame, a monolithic cement slab resting

- on said frame, slab anchors embedded in said slab and having downwardly projecting portions secured to said frame, flat horizontally elongated plates contacting with the edges of said slab and projecting upwardly from the latter, plate anchors secured to said plates and embedded in said slab, and a block supported by said slab, the edges of said block being disposed against the inner sides of said plates.
2. A butcher's block comprising a supporting frame, a monolithic cement slab resting on said frame, slab anchors embedded in said slab and having downwardly projecting portions secured to said frame, flat horizontally elongated plates contacting with the edges of said slab and projecting upwardly from the latter, plate anchors secured to said plates and embedded in said slab, a layer of cushioning material on said slab, and a block resting directly upon said layer of cushioning material, said block having its edges disposed against the inner sides of said plates.
3. A butcher's block comprising a supporting frame, a monolithic cement slab resting on said frame, slab anchors embedded in said slab and having downwardly projecting portions secured to said frame, flat horizontally elongated plates contacting with the edges of said slab and projecting upwardly from the latter, plate anchors secured to said plates and embedded in said slab, a layer of cushioning material on said slab, a block resting directly upon said layer of cushioning material, said block having its edges disposed against the inner sides of said plates, screws passing through the upper portion of said plates and into said block, and lag screws passing through said slab into said block.
4. A butcher's block comprising four legs and horizontal upper and lower bars extending between and secured to said legs, the upper bars being flush with the upper extremities of said legs, flush with the outer sides of said legs, and outwardly spaced from the inner sides of said legs leaving inner corner portions of the latter exposed, a cement monolithic slab resting upon said upper bars and said upper extremities of said legs and having its outer edges flush with the outer sides of said upper bars and legs, slab anchors embedded in said slab and having downwardly projecting portions secured to said exposed corner portions of the legs, side plates secured against the outer sides of said legs and said horizontal bars and projecting upwardly beyond the uppermost of the latter in contact with the edges of said slab, additional horizontally elongated plates resting upon the upper edges of said side plates and lying against the edges of said slab, plate anchors secured to said horizontally elongated plates and embedded in the slab, a layer of cushioning material extending over the entire upper side of said slab, said horizontally elongated plates having their upper portions projected upwardly beyond said layer of cushioning material, a wooden block resting upon said layer of cushioning material and having its edges disposed against said upwardly projecting portions of said horizontally elongated plates, screws securing these plate portions to said block, and lag screws passing through the slab and into said block.
- In testimony whereof I have hereunto affixed my signature.
- ANDREW C. GURNEA.

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