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[54] **PAVEMENT BLOCK**
5 Claims, 5 Drawing Figs.

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 52/125, 52/173, 52/592

[51] Int. Cl. **E01c 5/08,**
 E04c 2/06, F04f 15/08

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 124, 173, 592, 125(up to date); 94/11, 12

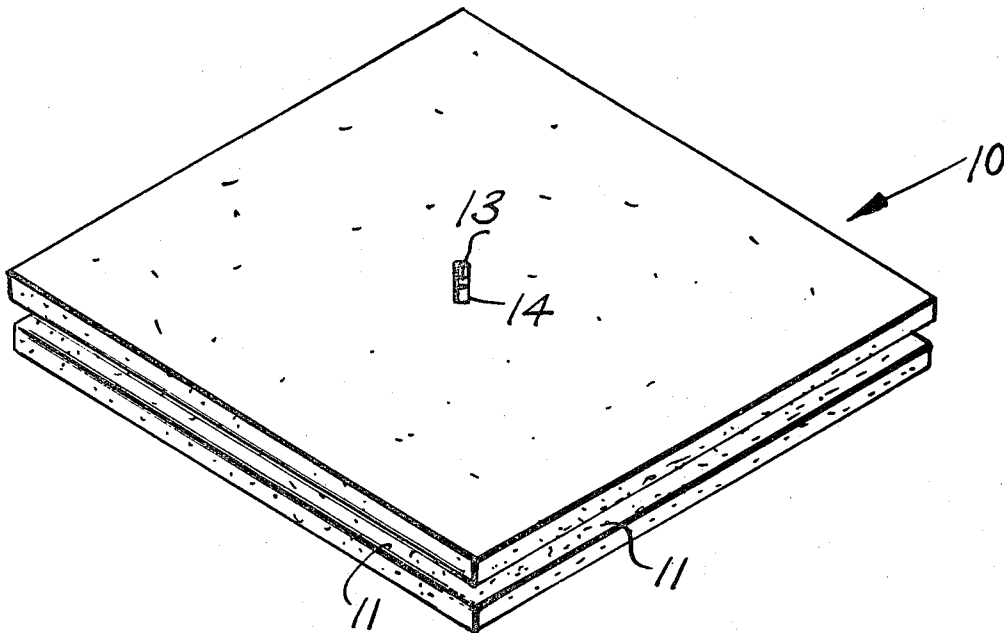
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ABSTRACT: A block for pavement one adjacent to the other to form a farmyard. These blocks are constructed of reenforced concrete having half lap edges to join with other similar blocks. The block is constructed so as to have a center lifting arrangement consisting of a narrow cavity around a stainless steel rod to be attached to a hook that will lift and move the block.



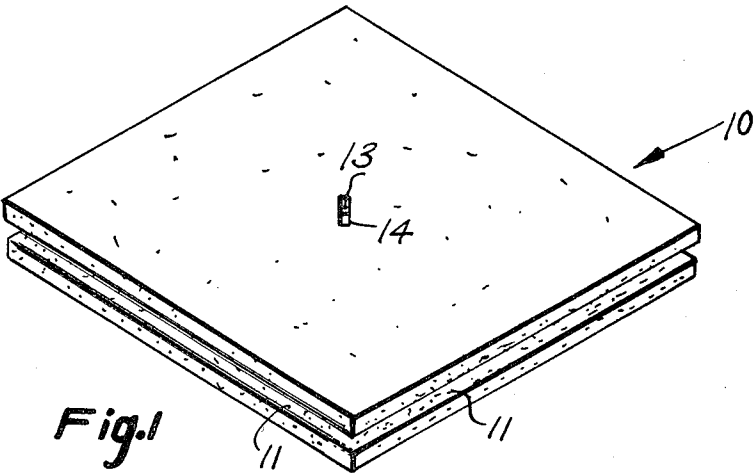


Fig. 1

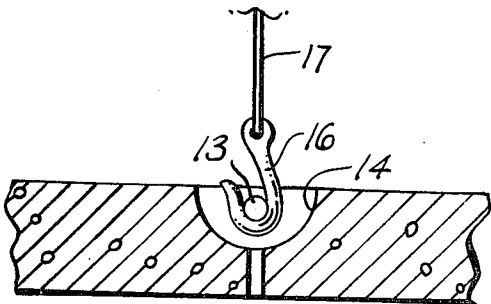


Fig. 2



Fig. 3

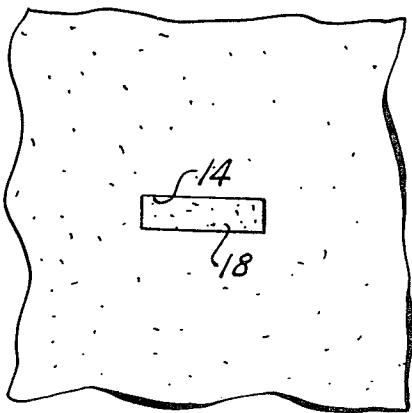


Fig. 4

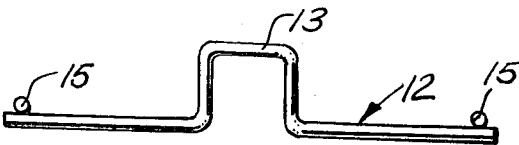


Fig. 5

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PAVEMENT BLOCK

SPECIFICATION

This invention relates to prefabricated constructions and more particularly to concrete blocks.

It is therefore the main purpose of this invention to provide a block that may be used in plurality to form a prefab yard.

Another object of this invention is to provide a block which will be constructed of reenforced concrete having half lap edges in order to join it with other similar units.

A further object of this invention is to provide a block which will have a narrow cavity in the center around a stainless steel rod that is to be attached to a hook in order to move the unit, and this rod is connected to cross-reinforcing rods to provide maximum strength for the unit.

Other objects of the present invention are to provide a pavement block which is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will become readily apparent upon a study of the following specification together with the accompanying drawing wherein:

FIG. 1 is a perspective view of the present invention;

FIG. 2 is a fragmentary side view of FIG. 1 shown in elevation with a lifting hook in place;

FIG. 3 is a side view of a plug for the opening in the invention;

FIG. 4 is a fragmentary top plan view of FIG. 1 showing the plug in place; and

FIG. 5 is a horizontal view of the rod shown removed from FIG. 1 with the side reinforcement rod in place.

According to this invention, a reenforced concrete block 10 is provided with half-lap edges 11 which are adaptable to similar edges of a plurality of blocks 10. A rod 12 imbedded within block 10 is provided with a U-shaped portion 13 which extends laterally across opening 14 in block 10. A pair of parallel spaced apart reinforcing rods 15 are also imbedded within block 10 to provide maximum strength for block 10 and to increase the holding strength of rod 12 when it is lifted by means of hook 16 attached to cable 17 of a hoist (not shown). Hook 16 attached to cable 17 is engaged within the U-shaped portion 13 of rod 12 and allows block 10 to be lifted and placed at any particular location.

When block 10 is placed in position on the ground by means of the hook 16 attached to cable 17 of the hoist or other lifting device, hook 16 is then removed from the U-shaped portion 13 of rod 12 and the plug 18 is placed into the opening 14. Plug 18 is provided with an opening 19 in which the U-shaped portion 13 of rod 12 is received and thus with plug 18 in position flush with the top of block 10, the surface of block 10 is

smooth.

It will be noted that the use of concrete blocks 10 require no curing time because the blocks 10 are cured before they are used and no expensive ground preparations are necessary. only slight leveling and hole filling. The blocks 10 are also nonslip finished with wood float and frost will not damage blocks 10. Blocks 10 can be raised and lowered from frozen ground without cracking and will settle back into the original position due to the half-lap joints or edges 11. It shall further be noted that due to the structure of blocks 10 they may be adapted to some ground irregularities due to the half-lap edges 11, and the blocks 10 being prefabricated and cured may cover a surface in a minimum amount of time as compared with laying concrete in the common manner.

While various changes may be made in the detailed construction, it is understood that such changes will be within the spirit and scope of the present invention.

I claim:

1. A concrete paving block, comprising a slab having a generally flat upper surface with a recess therein, the bottom of the recess being substantially continuously curved between the ends thereof, a lifting member embedded within the block and including a pair of end portions disposed generally parallel to said upper surface and a central portion extending across said recess and located between said upper surface and the bottom of the recess in position to be engaged by a lifting mechanism, a reinforcing member embedded within the block and disposed in engagement with each end portions, each reinforcing member being located between said end portion and said upper surface and extending at an angle to said end portion, and a removable plug located in said recess and having an upper uninterrupted flat surface disposed substantially flush with the upper surface of the block and having a substantially continuously curved lower surface between the ends thereof, said curved lower surface being interrupted by a transverse groove receiving the central portion of the lifting member and having a curvature complementary to the curved bottom of the recess whereby the plug can be pivoted within the recess to facilitate removal of the plug from the recess.

2. The block of claim 1, wherein the peripheral edges of said block are provided with half lapped edges to facilitate joining of similar blocks to form a paving surface.

3. The block of claim 1, wherein said reinforcing members are rods located adjacent the extremities of said end portions.

4. The block of claim 1, wherein said central portion has a generally inverted U-shaped and said end portions are disposed in alignment.

5. The block of claim 1, wherein said block has a generally rectangular configuration and said recess is located at the center of said surface.

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