

Jan. 2, 1923.

1,440,967

H. H. CARPENTER ET AL.  
TILE UNIT.  
FILED Nov. 10, 1920.

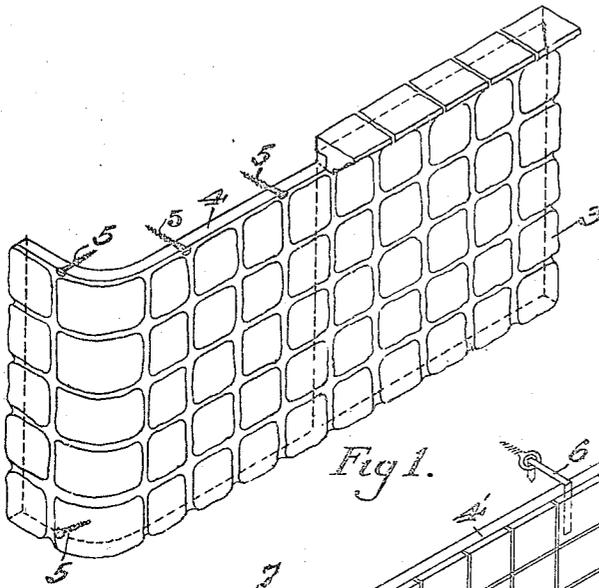


Fig 1.

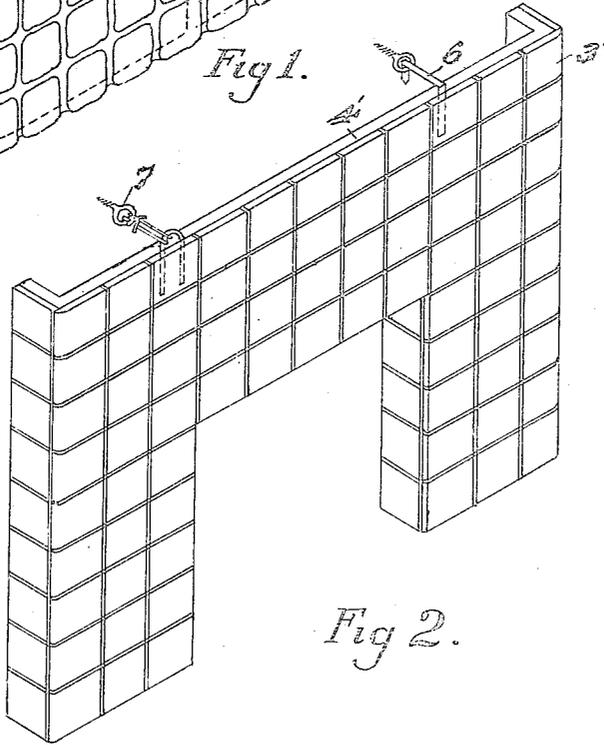


Fig 2.

*Howard H. Carpenter*

INVENTOR.

*Rufus B. Meeler*

INVENTOR.

# UNITED STATES PATENT OFFICE.

HOWARD H. CARPENTER AND RUFUS B. KEELER, OF LOS ANGELES, CALIFORNIA,  
ASSIGNORS TO E. R. CARPENTER, OF LOS ANGELES, CALIFORNIA.

## TILE UNIT.

Application filed November 10, 1920. Serial No. 423,123.

*To all whom it may concern:*

Be it known that we, HOWARD H. CARPENTER and RUFUS B. KEELER, citizens of the United States, residing at 3121 San Fernando Road, in the city of Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in a Tile Unit, of which the following is a specification.

10 This invention relates to the art of setting tile, and has for its object: The erection of tiled surfaces more expeditiously and considerably cheaper. A further object is to make such tile surfaces portable so that after erection at one location they may be readily dismantled and removed to another for reassembly.

20 To accomplish these and other objects which may be brought out in the accompanying specification and drawings we segregate the whole tiled area into units of a size easily handled each of which is composed of a tiled surface held in place and solidly attached to a suitable backing, as for instance a slab of cement material, sheets of metal or other similarly suitable substances.

30 Any convenient means may be employed to fasten the units into place as for instance screws, hooks or other devices.

By such an arrangement large tiled surfaces may be easily and cheaply erected by unskilled workmen in a fraction of the time and at less cost than formerly required. They have the further advantage that they may be readily taken down and reassembled in a new location.

40 In the case of small tiled surfaces one unit may be employed and readily placed in position or removed from any suitable location in which it might be used.

By setting the tile in units in the factory by less skilled workmen than formerly em-

ployed, and mixing the mortar in large quantities by machinery a great reduction is made in the final cost.

In the drawings Fig. 1 represents an assembly of two units shown in perspective and designated by the numerals 1 and 2. Fig. 2 represents a single unit.

50 In Fig. 1, each unit is made up of a multiple of individual tile 3 positioned and held in place by a suitable backing 4 of cementitious material. Suitable fastener means such as screws 5 are provided to secure each unit to the surface to be covered.

60 If it is desired to remove the sectional units to a new location, the screws may be readily removed. On assembly in a new location the unit may be fastened in place in the same way.

In Fig. 2, a single self contained unit is shown composed of a multiple of individual tile 3' held in place by a backing of cementitious material as indicated by 4'.

65 Any suitable means may be used to secure the unit to the surface to which it is to be fastened, as for illustration, a hook and eye indicated by 6, or an eye connected to a staple by a wire indicated generally by 7.

70 In both Figs. 1 and 2, the joints between the individual tile composing the units shown therein may be pointed up with mortar in the usual way either before or after assembly of the individual units in place.

What we claim is:

80 A portable surfacing unit of sheet form comprising a backing wall of cementitious material, and a plurality of tiles embedded and covering the face thereof, said backing wall being provided with attachment means at the rear thereof.

HOWARD H. CARPENTER.  
RUFUS B. KEELER.

Witness:

FRANK W. L. JAMES.