

S. VOSS.
 DEVICE FOR CONVEYING BRICK.
 APPLICATION FILED DEC. 5, 1910.

1,025,661.

Patented May 7, 1912.

Fig. 1.

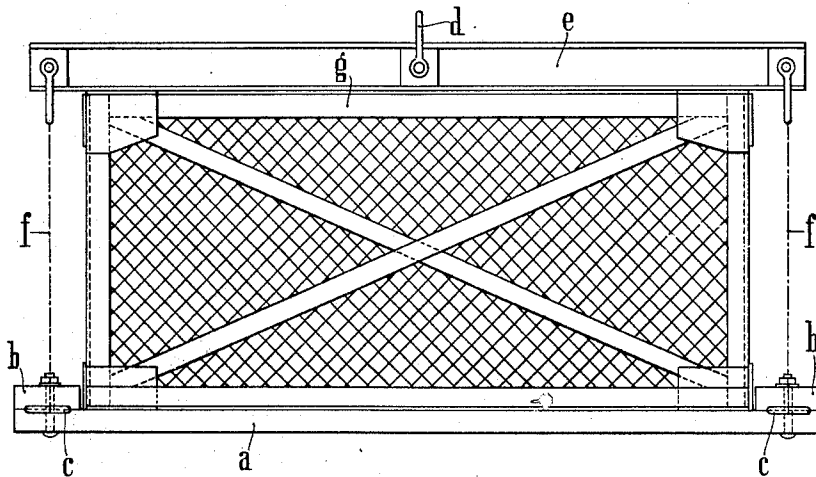


Fig. 2.

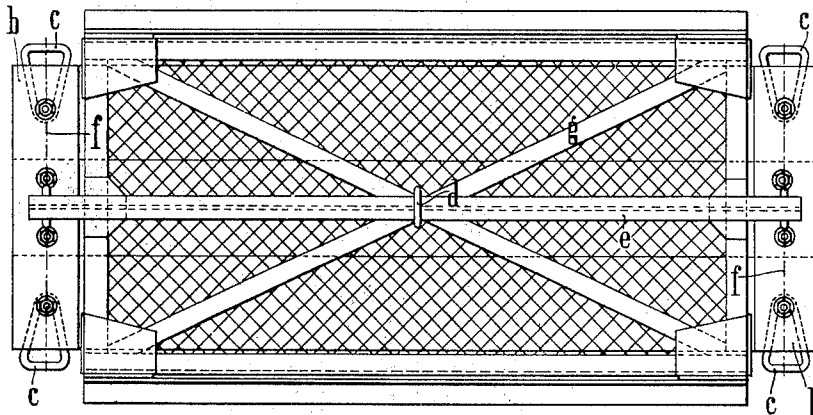
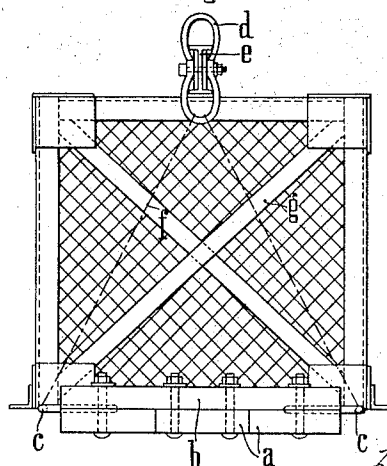


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

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DEVICE FOR CONVEYING BRICK.

1,025,661.

Specification of Letters Patent.

Patented May 7, 1912.

Application filed December 5, 1910. Serial No. 595,649.

To all whom it may concern:

Be it known that I, SAMUEL VOSS, a citizen of the German Empire, residing at Nieder-Schönhausen, near Berlin, in the German Empire, have invented new and useful Improvements in Devices for Conveying Brick, of which the following is a specification.

My invention relates to the conveyance of brick and consists in arranging and securing the bricks as pieces of freight, conveying them by means of various vehicles and hauling devices to the place of use and depositing them there.

Bricks are generally brought out of the kilns by means of small delivery cars running on rails and loaded into railway cars or barges. The bricks are conveyed in these into proximity of the place of employment and then by means of road vehicles to the lot or building-site. They are then placed in stores and lifted by hand or by means of hoists, cranes or other lifting devices onto the scaffold. This mode of conveyance is frequently complicated still more by the bricks being placed in stores near the kiln before being loaded for despatch to a distance and by the same also taking place after the despatch of the bricks to a distance before their conveyance to the building-site. Heretofore, whenever the hauling medium was changed and whenever the bricks were placed in stores each individual brick had to be taken up by hand and deposited.

According to my invention, on the contrary, the bricks are individually taken up and deposited by hand only once during the entire course of their conveyance, namely when they are taken out of the kiln. They are arranged and secured as pieces of freight of such a nature that they are suitable for conveyance to the place of consumption, *i. e.* to within reach of the mason using them. To this end the bricks are piled up on bottoms or floors of any desired material, preferably wood, and of such a size that one bottom with its load of bricks can be lowered without hesitation on any ordinary scaffold

within reach of a mason. When reloading, the pieces of freight thus made are taken up by means of a crane or similar lifting device and deposited at any desired place.

In order that the bricks may not fall off the bottoms when reloading, I employ a special device for carrying the bottoms which consists of a rigid cage rigidly connected with the device serving for attaching the bottoms to the lifting machines.

One illustrative embodiment of my invention is represented by way of example in the accompanying drawing, wherein:—

Figure 1 is a side elevation, Fig. 2 a top plan view and Fig. 3 an end elevation.

Referring to the drawing, the floor or bottom *a* consists of planks held together by cross-pieces *b*. Loops *c*, which project laterally as handles, are inserted between the planks and the cross-pieces and are secured by the same bolts *c'* with which the planks are attached to the cross-pieces. The girder *e*, carried by means of a shackle *d* by the hook of the crane, carries at each end two chains *f* which may be hooked to the loops *c* by means of carlines when the bottom *a* and its load is to be loaded. A cage *g* made of flat iron, angle iron and coarse wire-net is attached to the girder *e*, and before the bottom *a* is suspended from the girder *e* this cage is pushed over the stack of bricks on the bottom *a*.

While the described device remains at the place of loading for reloading, the bottoms remain connected with the bricks until the bricks are used.

I claim:—

1. A device for conveying bricks comprising a bottom having a series of planks, cross-pieces at the ends of the bottom and means for securely holding the cross-pieces and planks together, handles on each side and end of the bottom and inserted between the bottom and cross-pieces, a girder, and suspension means engaging the girder and handles secured to the bottom.

2. A device for conveying bricks comprising a bottom having a series of planks, cross-pieces at the ends of the bottom and

means for securely holding the cross-pieces
and planks together, handles on each side
and end of the bottom and inserted between
the bottom and cross-pieces, a girder, suspen-
5 sion means, and a cage adapted to rest on
said bottom between the said suspension
means and girder.

In witness whereof I have hereunto set my
hand in presence of two witnesses.

SAMUEL VOSS.

Witnesses:

RICHARD KAPPEL,
FELIX NEUBANES.