PATENT SPECIFICATION

591,262

Application Date: Aug. 24, 1944. No. ~~1003~~/47.

[Divided out of No. 591,227].

Complete Specification Accepted: Aug. 12, 1947.

COMPLETE SPECIFICATION

Moulding Concrete and Similar Plastic Materials

We, WILLIAM HENRY JAMES SHOEBOTTOM, a British subject and THE RAPID FLOOR COMPANY LIMITED, a British company, both of the company's address, Albion House, 59—61, New Oxford Street, London, W.C.1, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to machines for moulding concrete and similar plastic materials and is directed towards the provision of an improved machine for moulding concrete articles such as beams and posts of the kind in which the article is moulded in a horizontal mould and the top of the article is shaped by a member, commonly called a "plough" which is moved from one end of the mould to the other.

The present invention may be regarded as an improvement on the machine described in Specification No. 372,153.

In accordance with the present invention the plough is carried on a plate with in-turned edges which pass over the flanges of small guides of channel section which rest on and are secured to the tops of the side members of the mould.

The accompanying drawing, which illustrates the invention, is a cross section of one construction of machine showing the improved guiding means for the plough.

Referring to this drawing, the mould consists of side members 1 of channel steel bars and a bottom timber pallet 2; this rests upon an inverted channel bar 3 supported at intervals on posts 4 with bases 5 resting on an inverted channel bar 6 secured to angle bars 7 resting on the ground. The pallet may be of sheet steel or other material.

The plough 8 is carried by a plate with inturned edges 10 which rides over small guides 11 of channel section resting upon the side channel members 1, the in-turned edges pass over the flanges of the guides 11.

Projecting from this plough is an attachment member 12 for a cable as described in co-pending application No. 16148/44 (Serial No. 591,227).

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A machine of the kind referred to in which the plough is carried on a plate with in-turned edges which pass over the flanges of small guides of channel section which rest on and are secured to the tops of the side members of the mould substantially as described.

2. A machine of the kind referred to having plough-supporting means substantially as described with reference to the accompanying drawing.

Dated the 13th day of January, 1947.

ANDREWS & BYRNE,
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201—6, Bank Chambers,
329, High Holborn,
London, W.C.1.

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~~[Price 1/-]~~

PATENT SPECIFICATION

591,262

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