

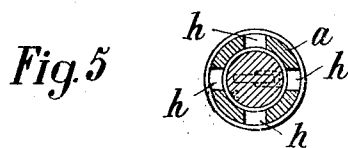
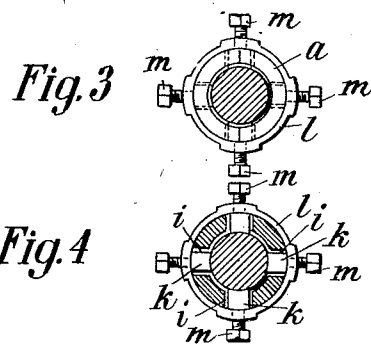
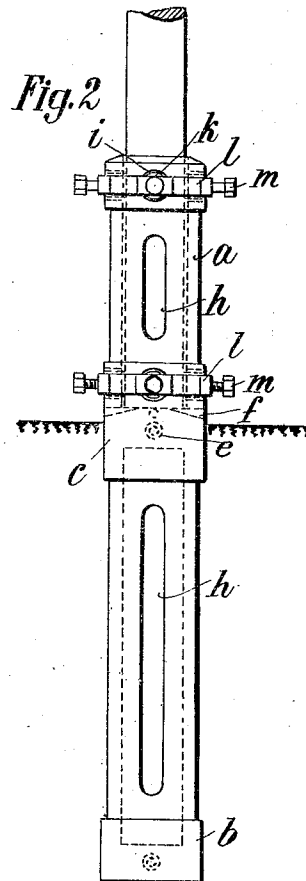
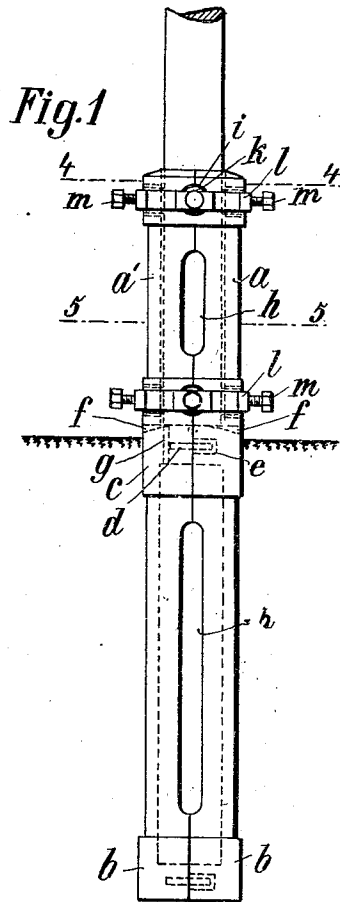
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PARTITIONED PEDESTAL OF ARMORED CONCRETE FOR MASTS

Filed April 13, 1926



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PARTITIONED PEDESTAL OF ARMORED CONCRETE FOR MASTS.

Application filed April 13, 1926, Serial No. 101,728, and in Germany April 25, 1925.

The object of the invention is a partitioned pedestal of armored concrete for masts, which may be laid simply around the mast. The improvement essentially consists in that the pedestal for the mast is provided with openings, adapted to receive radially movable blocks, the inner ends of which engage with the mast, while the outer ends of the blocks are subjected to the action of pressing screws or wedges arranged in a collar surrounding the pedestal of the mast. These blocks are preferably positioned at the upper end of the pedestal and substantially at the height of the ground, so that the mast may be rigidly framed at two places. Such an arrangement has the effect, that the wall of the pedestal acts as an arched vault.

The invention will be claimed at the end hereof, but will be first described in connection with the embodiment of it chosen from among other embodiments for illustration in the accompanying drawing, in which—

Fig. 1 is a front elevation.

Fig. 2 a side elevation.

Fig. 3 is a plan view, while

Figs. 4 and 5 are sections to the lines 4—4 and 5—5 of Fig. 1.

The pedestal of the mast made of armored concrete consists of two semi-circular parts *a* and *a'*, and is closed at its lower end by a bottom piece *b*, being also partitioned. Between the upper end of the pedestal and the bottom piece *b* an intermediary bottom piece *c* which is in a similar manner partitioned, is arranged above the lower end at a distance of about two-thirds of the length of the pedestal. Each part of the bottom-piece *b* and of the intermediary bottom piece *c* is provided with a centering pin *d*, engaging a centering hole *e* of the other part. The intermediary bottom *c* is provided with several inclined waste-passages *f*, extending from the middle to the circumference and serving for conducting away the rain-water

and furthermore with a vertical channel *g*, adapted to receive a connecting wire embedded in the earth. Both parts *a*, *a'* of the pedestal are provided with long apertures *h* for the purpose of diminishing the weight of the pedestal and of filling the lower part of the pedestal with earth.

Above the intermediary bottom piece *c* and below the upper edge of the pedestal the two parts of the latter are provided with radially arranged openings *i* of suitable cross-section, which are adapted to receive blocks *k* of wood or metal, the inner ends of which engage with the outer surface of the mast, while the outer ends are acted upon by screws *m*, which are arranged in a collar *l* surrounding the pedestal of the mast and which when being tightened press the blocks *k*, movable in the openings *i*, toward the mast. The latter therefore is rigidly held at two places.

Instead of screws *m* wedges may be employed for pressing the blocks towards the mast.

The use of the blocks *k* movable in the openings *i* has the advantage, that the mast and the pedestal may be connected to a rigid whole, without the mast coming into contact with the inner surface of the wall of the pedestal and that all occurring forces are transmitted to the outer surface of the wall of the pedestal.

What I claim is:—

A partitioned pedestal of armored concrete for masts, comprising two semi-circular parts, provided at their upper end and at a part adjacent to the ground with radially extending openings, blocks movable in said openings adapted to engage the outer surface of the mast, screws acting upon the outer end of said blocks and a collar surrounding the pedestal and carrying said screws.

In testimony whereof I have signed my name to this specification.

ANTON SCHÄTZ.