

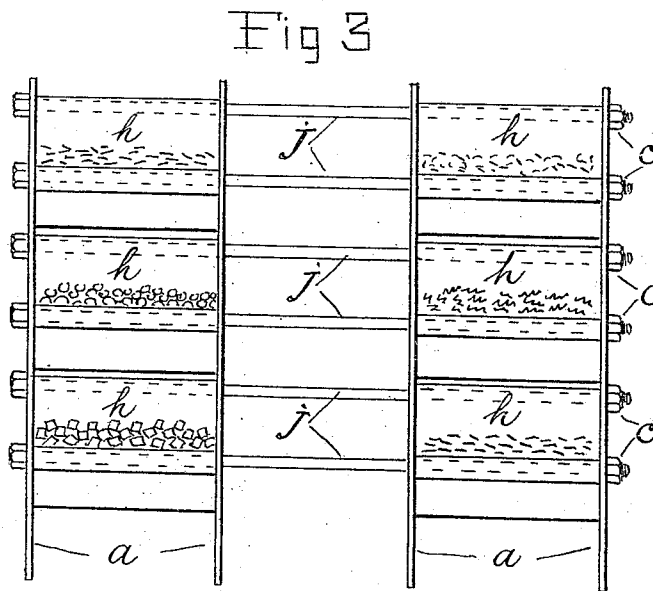
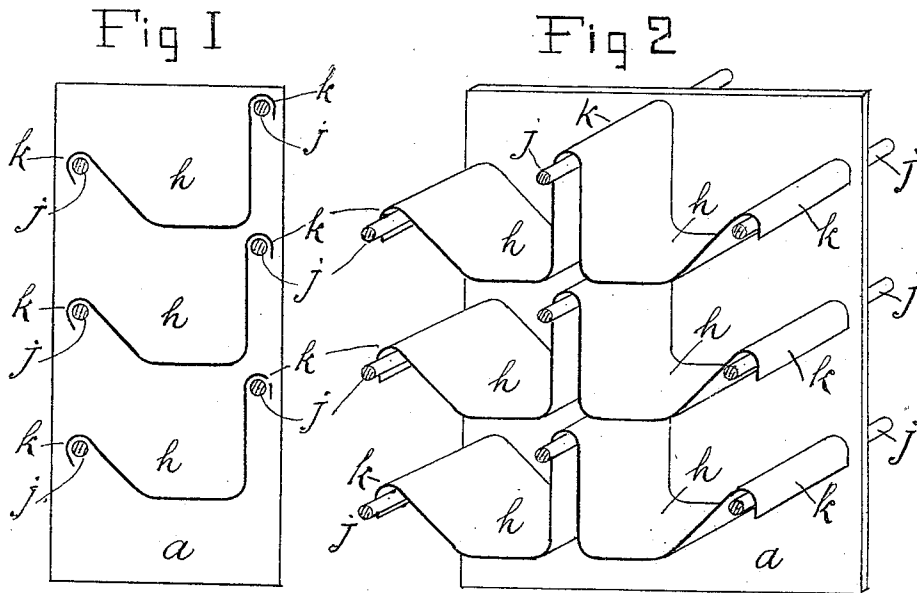
No. 873,664.

PATENTED DEC. 10, 1907.

P. T. J. ESTLER.

STORE BIN.

APPLICATION FILED APR. 15, 1907.



Witnesses { *M. Holroyd Smith*
S. R. Lloyd

Inventor. *P. T. J. Estler*

UNITED STATES PATENT OFFICE.

PAUL T. J. ESTLER, OF LONDON, ENGLAND.

STORE-BIN.

No. 873,664.

Specification of Letters Patent.

Patented Dec. 10, 1907.

Application filed April 15, 1907. Serial No. 368,373.

To all whom it may concern:

Be it known that I, PAUL TRAUGOTT JULIUS ESTLER, a subject of the King of Great Britain and Ireland, whose postal address is 5 25 Lawrence Pountney Lane, Cannon Street, London, E. C., England, engineer, have invented certain new and useful Improvements in Store-Bins, of which the following is a specification.

10 The object of this invention is to increase the holding capacity of well-shelves or store bins, used for the storage of bolts, nuts, small castings, component parts, metals, grain and other materials; and to permit easy inspection of the contents, and to facilitate the insertion and removal of the articles. The bins 15 being so constructed that they can be easily dismounted and the component parts packed in a small space for shipment and be readily reassembled when reaching their destination. 20

In order that this invention may be more easily understood reference is made to the accompanying drawings in which like figures represent like parts.

25 Figure 1, is a cross section of a simple nest of bins. Fig. 2 is a cross section of a double nest of bins, in perspective. Fig. 3, is a front elevation of Fig. 1 partially fitted.

The arrangement consists of a series of vertical partitions *a*, strung together on horizontal rods *j*, the wells or bins *b*, between each vertical partition *a*, being of sheet metal bent to form a vertical back, a flat floor extending approximately half way across, and a front 30 portion sloping upwards and forwards to a height approximately half that of the vertical back (or of any other desired proportions as circumstances may require). The top edge of the back and the top edge of the 35

front being bent over forming a lip or hook *k*, 40 that rests upon the horizontal rods *j*, connecting the vertical partitions *a*.

Any convenient number of vertical partitions can be strung together, and any convenient number of wells can be superposed; 45 when the wells are hooked upon their respective rods, the whole nest can be firmly secured together by tightening the nuts *c*, at the ends of the horizontal rods. It will be obvious that by slackening the nuts *c*, the 50 wells can be lifted off the rods and placed one within the other, and when the rods are withdrawn the whole can be packed into a small space for shipment, and as all parts are interchangeable they can be easily re- 55 mounted. This is partially illustrated in Fig. 3 which shows the wells in position in the two outer divisions and the wells removed from the center division.

Having now described my invention, what 60 I claim as new and desire to secure by Letters Patent is

Store bins consisting of vertical partitions strung together on horizontal rods supporting wells or troughs of sheet metal bent to 65 form vertical backs, floors partially flat, and fronts sloping upwards and forwards, the upper edges of the backs and fronts being bent into lips or hooks that engage with the horizontal rods connecting the vertical partitions, the whole being secured together by 70 tightening the nuts at the ends of the horizontal rods.

Dated this the 5th day of April 1907.

P. T. J. ESTLER.

Witnesses:

M. HOLROYD SMITH,
S. R. LLOYD.