

(No Model.)

C. D. SMITH.
STABLE FLOOR.

No. 558,574.

Patented Apr. 21, 1896.

Fig. 1,

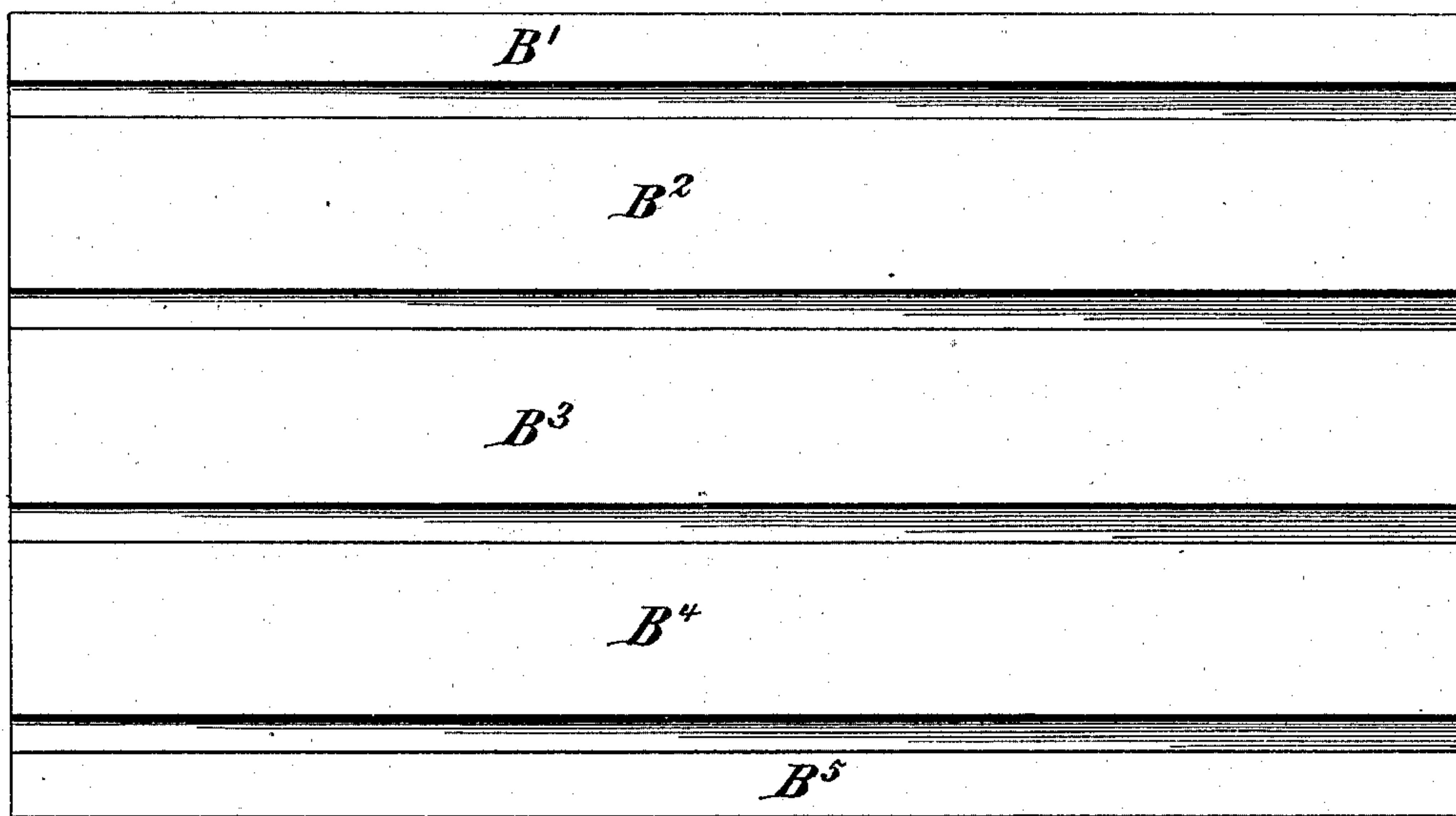
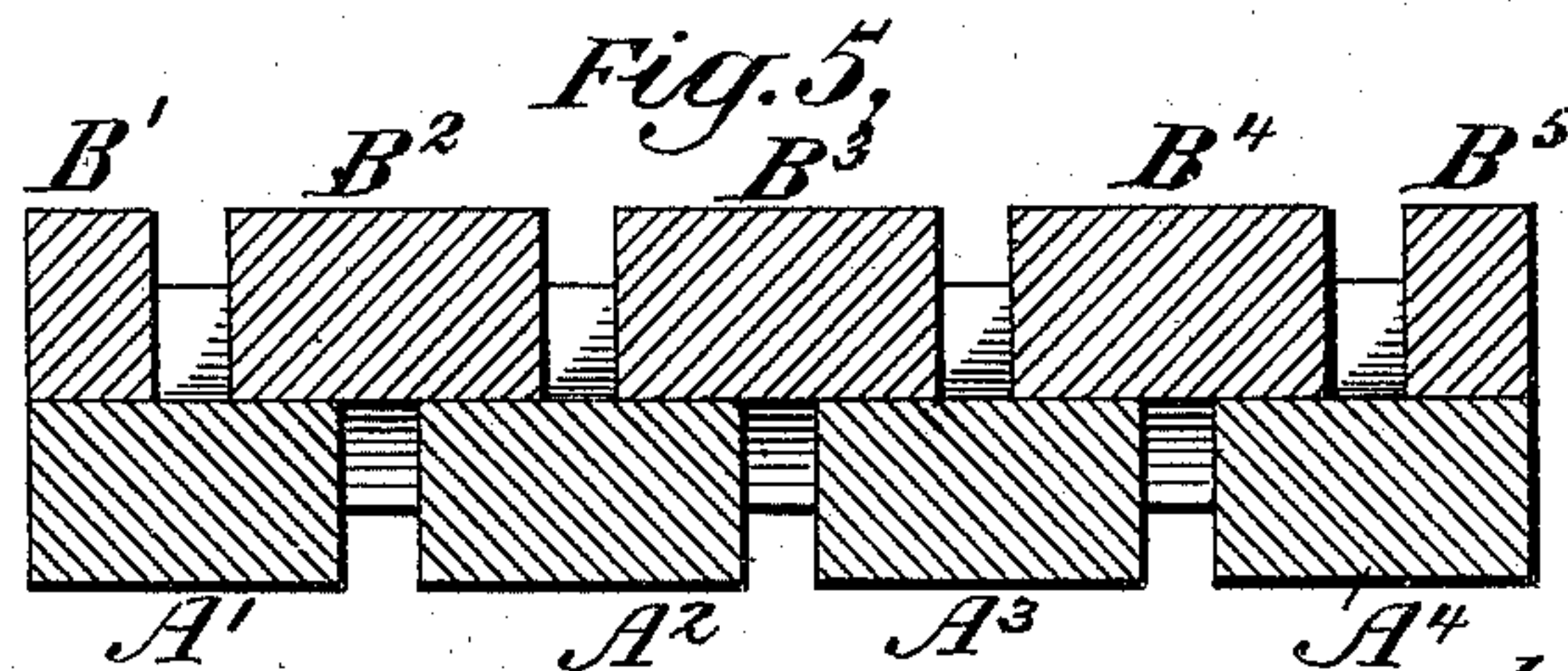
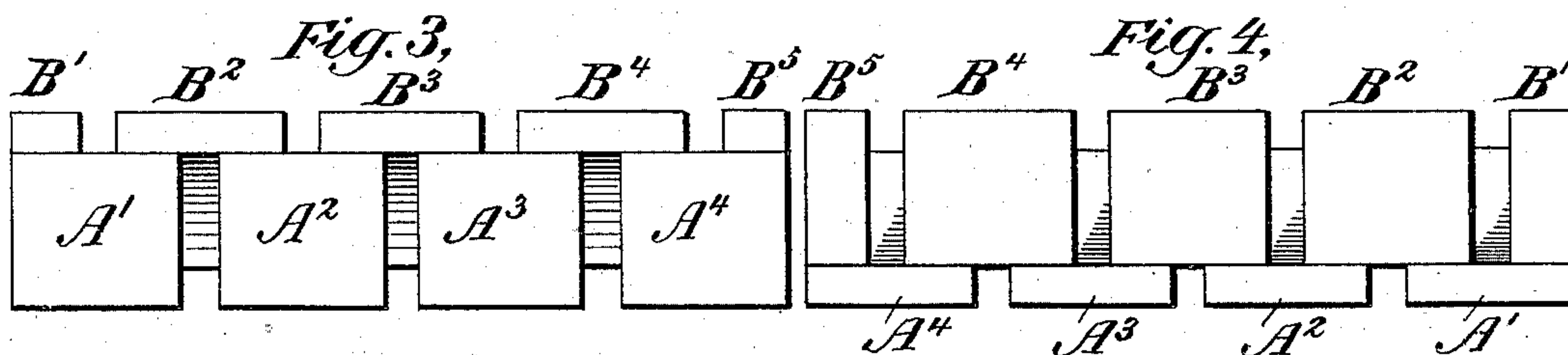
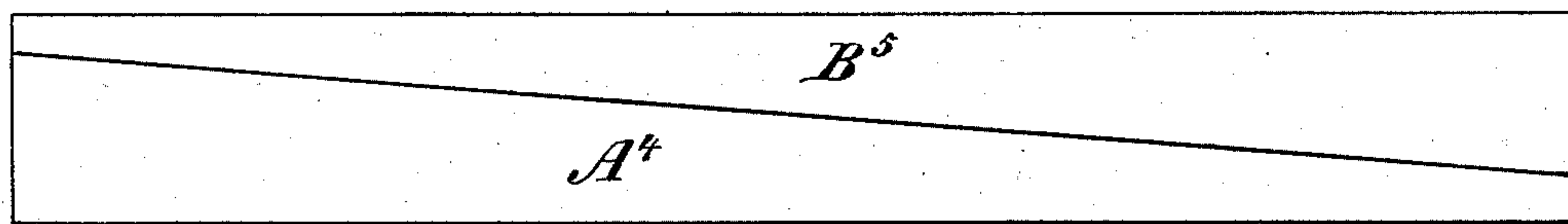


Fig. 2,



Witnesses:-

O. H. Raymond

Walter A. Pauling

Inventor:-

Coe D. Smith,
by his attorney,

Edwin H. Brown

UNITED STATES PATENT OFFICE.

COE D. SMITH, OF SMITHTOWN BRANCH, NEW YORK.

STABLE-FLOOR.

SPECIFICATION forming part of Letters Patent No. 558,574, dated April 21, 1896.

Application filed September 16, 1895. Serial No. 562,598. (No model.)

To all whom it may concern:

Be it known that I, COE D. SMITH, of Smithtown Branch, in the county of Suffolk and State of New York, have invented a certain new and useful Improvement in Stable-Floors, of which the following is a specification.

The object of my improvement is to provide a smooth, efficient and inexpensive reversible floor for stable-stalls.

My improvement consists in a reversible floor composed of two sets of slats or pieces of wood longitudinally inclined on their opposite faces and fastened together, so that the slats or pieces forming each set shall be separate from each other and opposite and overlap the spaces between the slats or pieces forming the other set. In this way a floor composed wholly of slats or pieces of wood with longitudinally-inclined grooves on each of its top and bottom surfaces is produced.

In the accompanying drawings, Figure 1 is a top view of a floor embodying my improvement. Fig. 2 is a side view of the same. Fig. 3 is a view of one end of the same. Fig. 4 is a similar view of the other end. Fig. 5 is a transverse section.

Similar letters of reference designate corresponding parts in all the figures.

A' A² A³ A⁴ designate one set of slats or pieces of wood or analogous material. B' B² B³ B⁴ B⁵ designate the other set of slats or pieces. The pieces A' A² A³ A⁴ and the pieces B' B² B³ B⁴ B⁵ are substantially the same, except that the strips or pieces B' B⁵ are narrower than the slats or pieces B² B³ B⁴, and

the latter alone are of a width corresponding to the slats or pieces A' A⁴. Each of the slats or pieces is longitudinally inclined on one face. The inclined faces of the two sets of slats are placed together, and the two sets of slats or pieces are secured together by nails or otherwise, with the slats or pieces of each set separated from each other and arranged opposite the slats or pieces of the other set.

It will be seen that by this invention I produce a grooved floor of rectangular form, which may be of the same thickness throughout, and which, while made entirely of wood, can be reversed. No matter which side may be uppermost there will be longitudinally-inclined grooves or gutters well adapted for drainage.

What I claim as my invention, and desire to secure by Letters Patent, is—

A reversible floor composed of two sets of separated, tapering slats, or pieces of wood superimposed one on the other, the thicker ends of the slats, or pieces in one set being arranged opposite the thinner ends of the slats, or pieces in the other set, and a slat, or piece in one set being secured opposite the space between two slats, or pieces in the other set, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

COE D. SMITH.

Witnesses:

FRANK E. BRUSH,
EDWARD E. SMITH.