

No. 772,343.

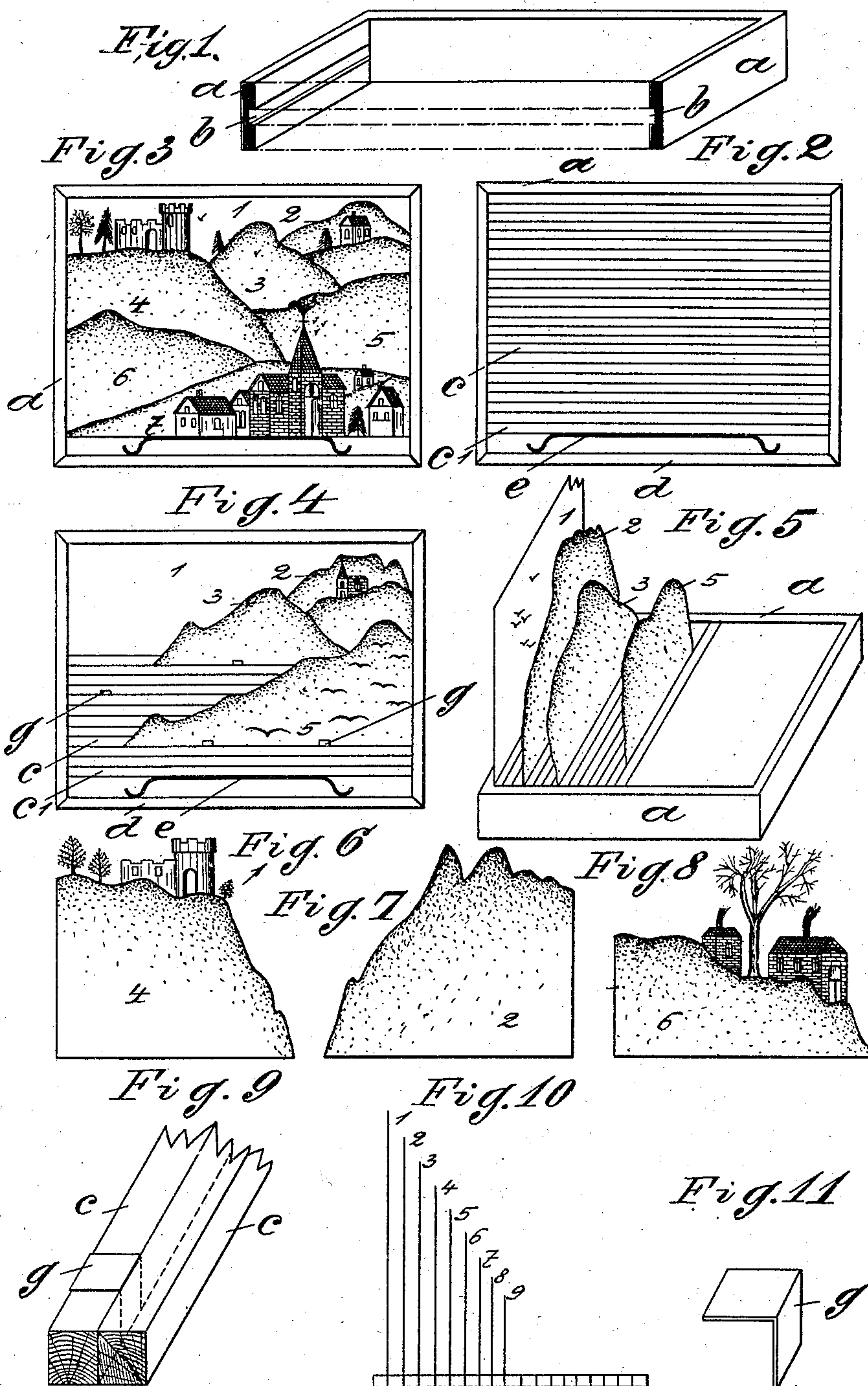
PATENTED OCT. 18, 1904.

M. DIEHL.

TOY.

APPLICATION FILED JAN. 23, 1904.

NO MODEL.



Witnesses:
Fritz Voller
Fred Hoynes

Inventor:
M. Diehl
by *Frank A. H. H. H.*
Attorney

UNITED STATES PATENT OFFICE.

MAX DIEHL, OF HANOVER, GERMANY.

TOY.

SPECIFICATION forming part of Letters Patent No. 772,343, dated October 18, 1904.

Application filed January 23, 1904. Serial No. 190,391. (No model.)

To all whom it may concern:

Be it known that I, MAX DIEHL, a subject of the German Emperor, and a resident of Hanover, Germany, have invented new and useful Improvements in Toys, of which the following is a specification.

This invention relates to a toy for children, which consists of a frame with several small wooden rods between which cut-out pictures of landscapes, figures, and the like are to be fixed.

In the accompanying drawings the frame is shown, in—

Figure 1, in a perspective view, the front wall removed. Fig. 2 is a ground plan of the frame with the rods inserted. Fig. 3 shows a flat picture arranged in said frame. Fig. 4 shows in ground plan a flat picture not yet completed. Fig. 5 shows in a perspective view an upright picture incomplete. Figs. 6, 7, and 8 show the single cardboard pieces used to compose the pictures. Fig. 9 is a perspective view of two rods with the clamp inserted. Fig. 10 is a cross-section of Fig. 5; and Fig. 11 shows, on a larger scale, the metal clamp to be used in connection with this toy.

The frame *a*, which is made of wood or any other suitable material, has a removable front wall and is fitted with horizontal grooves *b b* on the inner surface of the two short side parts. These grooves *b b* serve for the reception of the ends of wooden rods *c c*, which are of rectangular cross-section. The toy further comprises a number of pieces of cardboard which represent parts of a landscape—such as, for example, the sky, mountains, houses, villages, and the like. There can of course be also provided single trees, figures, and the like. There is also supplied with the toy a blade-spring *e* and a suitable number of rectangular clamps *g*, of sheet metal.

The toy is used as follows: First, a suitable number of rods *c* are inserted into the grooves *b* of frame *a*. Then the piece of cardboard *l*, showing the sky, is laid flat on the rods *c*

and secured in its position by means of one or more clamps *g*, one end of which is to be inserted between two rods *c*, so that their horizontal part lies on the picture. Now more rods *c* are inserted, and other pieces of cardboard are placed on the rods and secured in their position in the same manner as hereinbefore described. When the picture is complete, the blade-spring *e* is placed against the front rod *c'* and the front wall of the frame is put in place. The blade-spring is thus pressed against the wooden rods *c*, which are pressed tightly one against the other, whereby the cardboard pieces are securely held in position. To form an upright picture, the clamps are not required. The cardboard pieces 1 2 3, and so on, are placed with their lower edge between two rods *c* and secured in their position by means of the blade-spring *e*, which presses the rods *c* together.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

An improved toy comprising in combination a frame, a removable front wall of said frame, a horizontal groove on the inner surface of each of the short side walls of the frame, rods with their ends movably supported in said grooves, pieces of cardboard showing the sky, mountains, houses, figures and the like, a blade-spring to be inserted between the first wooden rod and the inner surface of the front wall, and rectangular clamps between said rods for keeping the cardboard pieces in their position when a flat picture is to be produced, substantially as described and shown and for the purpose set forth.

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

MAX DIEHL.

Witnesses:

LEONORE RASCH,
H. HALL HALL.