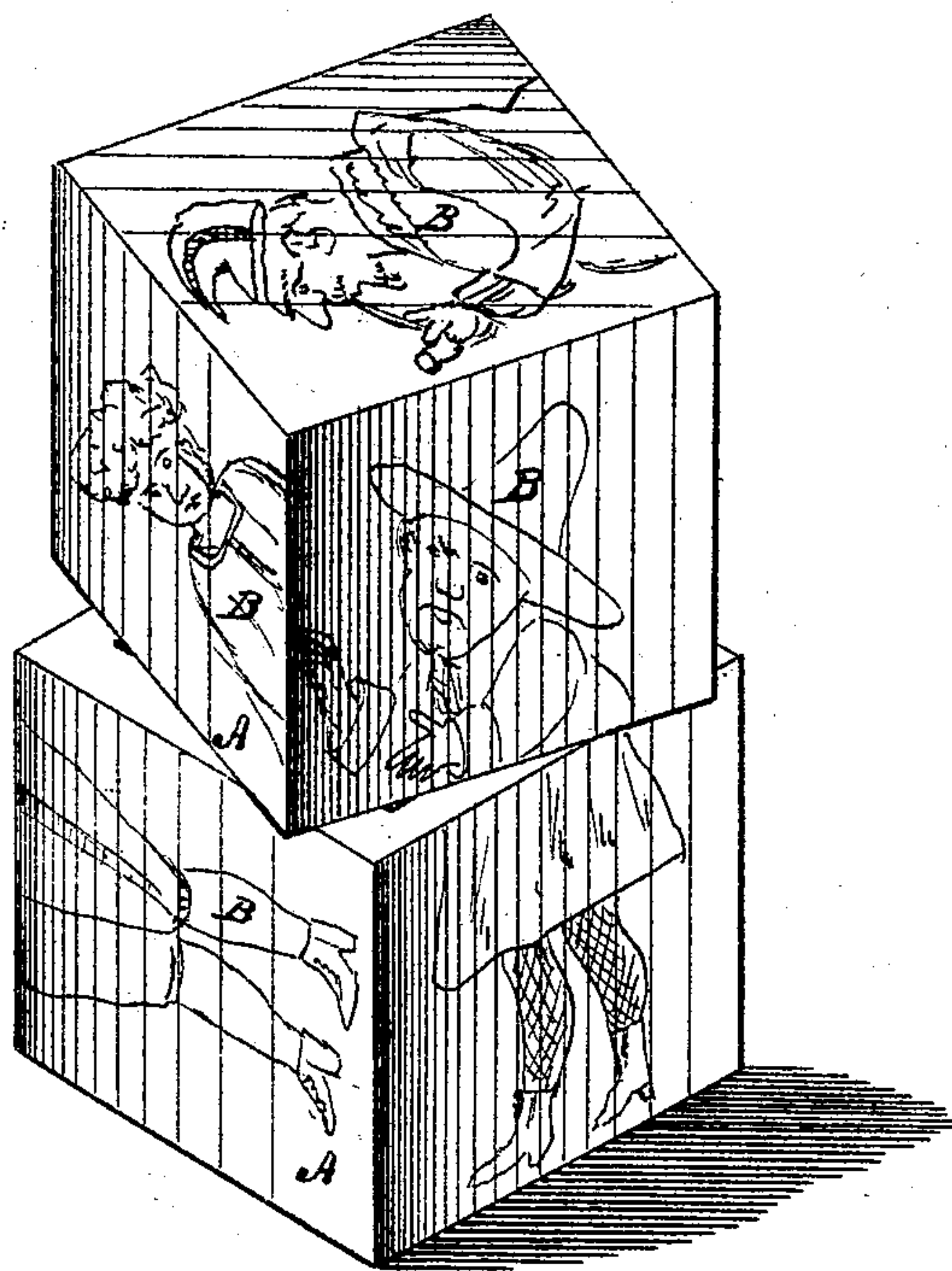


C. M. CRANDALL.
Toy-Building Blocks.

No. 146,875.

Patented Jan. 27, 1874.



Witnesses.

M. Lovell
Edw. Mattingly.

Inventor:

Charles M. Crandall.
per E. M. Mattingly.
Atty

UNITED STATES PATENT OFFICE.

CHARLES M. CRANDALL, OF MONTROSE, PENNSYLVANIA.

IMPROVEMENT IN TOY BUILDING-BLOCKS.

Specification forming part of Letters Patent No. **146,875**, dated January 27, 1874; application filed November 10, 1873.

To all whom it may concern:

Be it known that I, CHARLES M. CRANDALL, of Montrose, in the county of Susquehanna and State of Pennsylvania, have invented a new and useful Improvement in Toy Blocks; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

This invention is in the nature of an improvement in children's toy blocks; and the invention consists in toy blocks constructed in the manner hereinafter described, as a new article of manufacture.

In the accompanying sheet of drawings, Figure 1 is a perspective view of said blocks.

My blocks A may be constructed of any suitable material, and may be cubical, or of any desired form and size. The block proper having been fashioned by suitable machinery to the desired form, its surface is covered with paper, upon which has been printed or otherwise produced a picture or letter, B, or both. This ornamented paper may be made to adhere to the block A by glue or by any other cement or adhesive substance. Then, having prepared and at hand a quantity of pure paraffine in a melted state, I dip into the paraffine or otherwise apply a thin coating of it to the surface of the blocks. As soon as the paraffine begins to congeal, or at any time thereafter, by any suitable instrument, I scrape off or re-

move the surplus paraffine from the surface of the blocks, and then rub the said surface with a polisher.

My blocks, constructed as above, have a durable and beautifully-polished surface, that is impervious to moisture, and any colors that may have been printed or otherwise placed upon the paper surface are fixed and rendered permanent, their brilliancy being greatly increased. Besides, the paper is rendered transparent, so that its texture is not seen, the surface of the block appearing as though the ornamentation had been placed directly upon the surface of the wood, the paper not being visible. Also, the surface is made harmless to the taste, and has no unpleasant odor.

For children's toys, which, when in use, a child is often disposed to put in its mouth, or otherwise expose to the action of moisture, the process is very valuable.

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

As a new article of manufacture, toy blocks, covered with paper, having alphabetic or other figures marked thereon, rendered water-proof by means of paraffine, and polished substantially as herein set forth.

CHARLES M. CRANDALL.

Witnesses:

JOHN H. BACKUS,
B. L. BALDWIN.