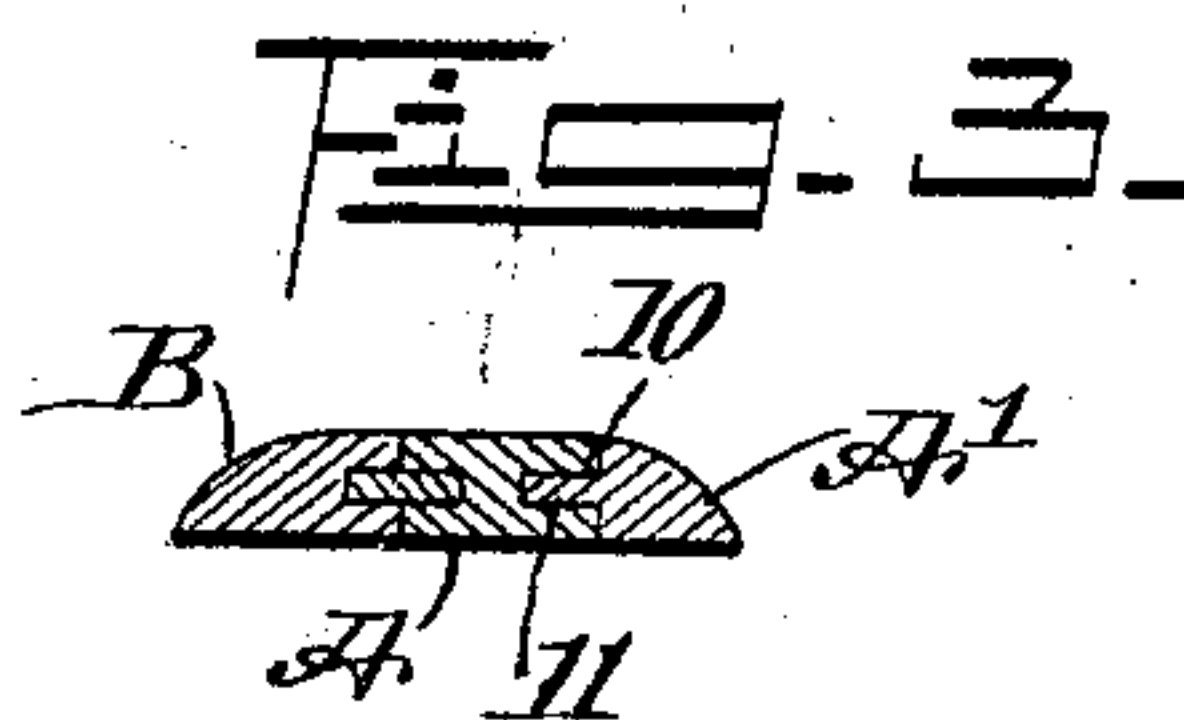
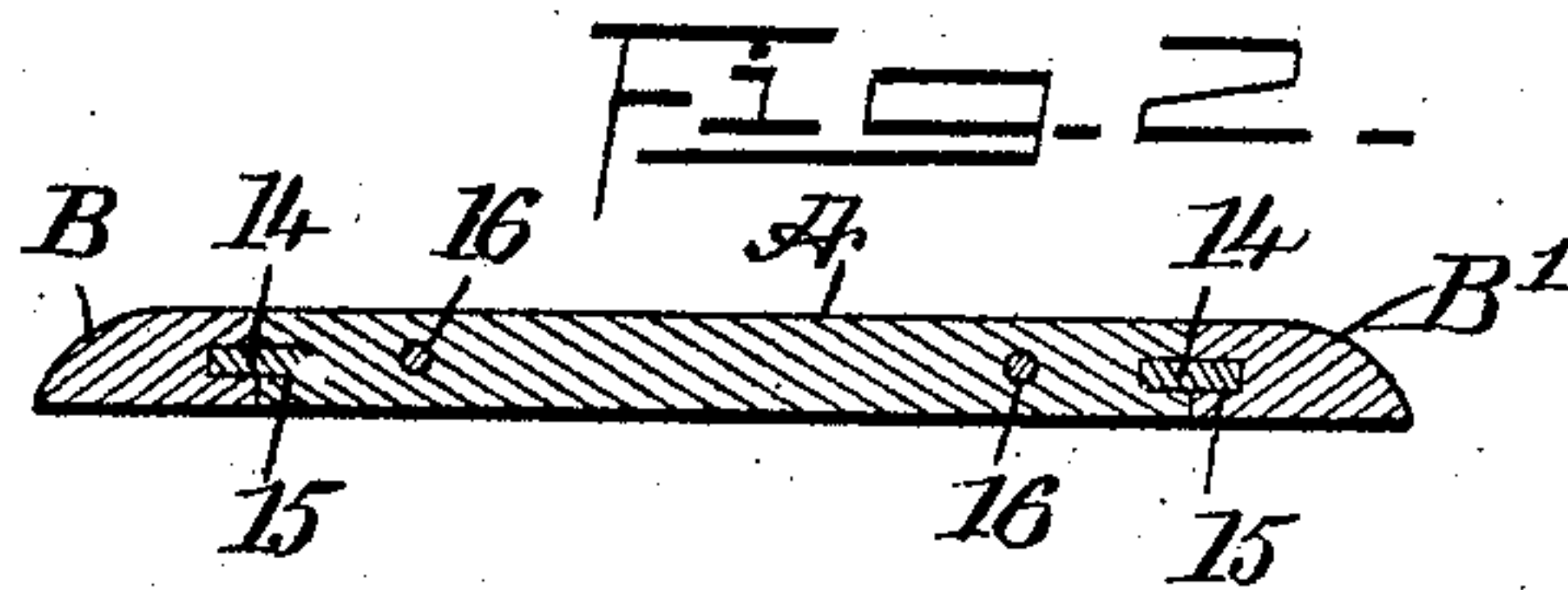
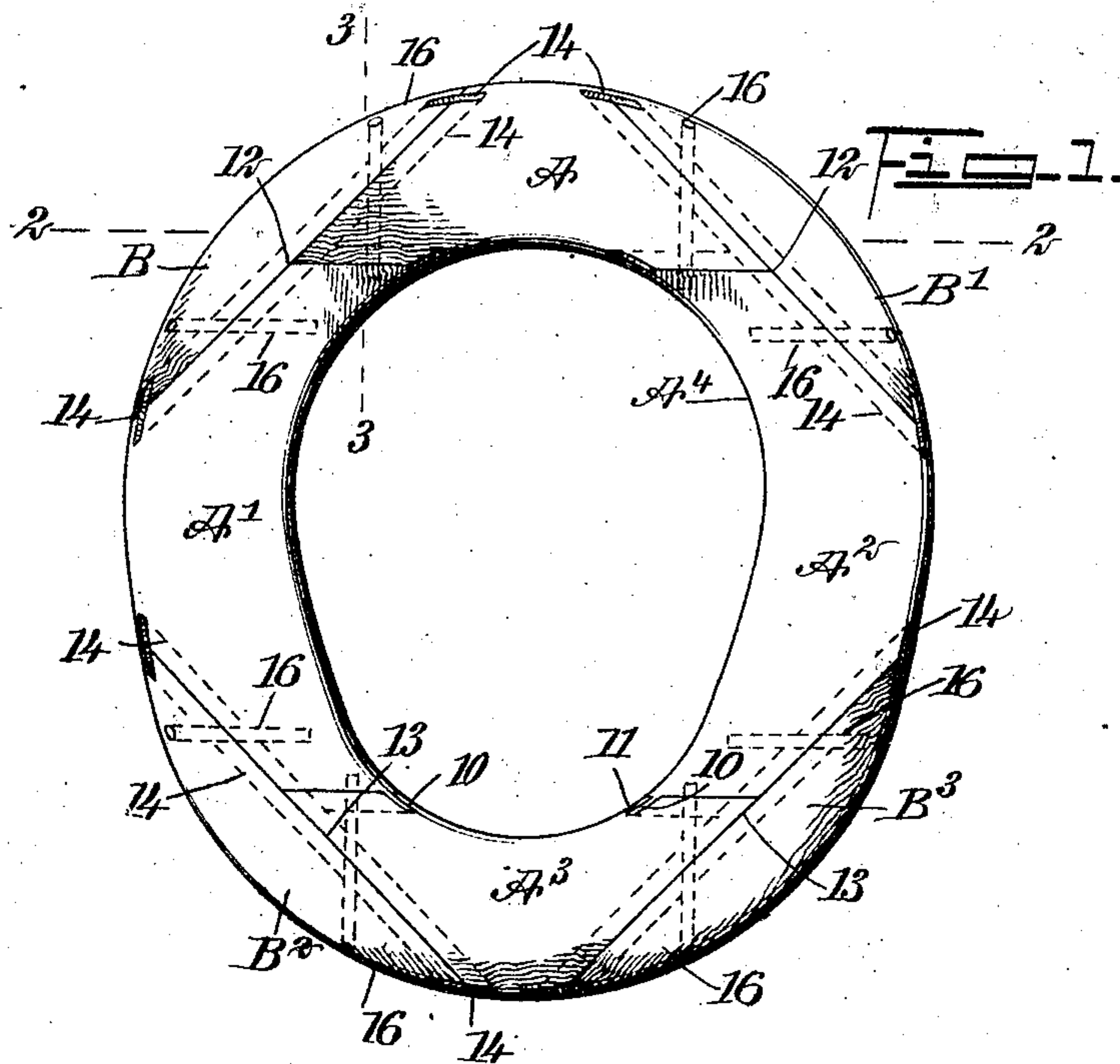


No. 828,125.

PATENTED AUG. 7, 1906.

L. & F. L. KRAMER.  
WATER CLOSET SEAT.  
APPLICATION FILED NOV. 29, 1905.



WITNESSES:

*S. Sanford W. H. and*  
*J. H. H. H. H. H.*

INVENTORS  
*Louis Kramer*  
*Frank L. Kramer*  
BY  
*M. H. H. H. H.*  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

LOUIS KRAMER, OF EVANSVILLE, INDIANA, AND FRANK LOUIS KRAMER,  
OF EAST ORANGE, NEW JERSEY; SAID LOUIS KRAMER ASSIGNOR TO  
NEW YORK DIMENSIONS SUPPLY COMPANY, OF NEW YORK, N. Y.

## WATER-CLOSET SEAT.

No. 828,125.

Specification of Letters Patent.

Patented Aug. 7, 1906.

Application filed November 29, 1905. Serial No. 289,596.

*To all whom it may concern:*

Be it known that we, LOUIS KRAMER, a resident of Evansville, in the county of Vanderburg and State of Indiana, and FRANK LOUIS KRAMER, a resident of East Orange, in the county of Essex and State of New Jersey, citizens of the United States, have invented a new and Improved Water-Closet Seat, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a special construction of water-closet seat wherein the greatest possible amount of strength will be obtained, together with economy in labor and material.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of the improved water-closet seat. Fig. 2 is a section taken practically on the line 2-2 of Fig. 1, and Fig. 3 is a section taken at right angles to that shown in Fig. 2 and practically on the line 3-3 of Fig. 1.

In the construction of the seat four body-sections are employed—namely, a rear section A, side sections A' and A<sup>2</sup>, and a front section A<sup>3</sup>—together with four auxiliary or corner sections B, B', B<sup>2</sup>, and B<sup>3</sup>. The body-sections A and A', A<sup>2</sup> and A<sup>3</sup> are collectively shaped at their inner edges to form the customary closet-seat opening A<sup>4</sup> and are connected one with the other by a tongue 11, formed at one end of a section entering a groove 10 in the abutting end of an opposing section, as is illustrated in Figs. 1 and 3. Where the rear section A connects with the side sections A' and A<sup>2</sup>, the outer edges of the said sections are cut away to produce inclined surfaces 12, and where the forward main section A<sup>3</sup> con-

nects with the side sections A' and A<sup>2</sup> the outer edges of said sections are similarly cut away to form inclined surfaces 13, as is shown in Fig. 1. The corner or auxiliary sections B, B', B<sup>2</sup>, and B<sup>3</sup> have straight inner edges and rounded outer edges, and said auxiliary sections B and B' are made to closely engage with the cut-away edges 12 of the main sections A, A', and A<sup>2</sup>, while the auxiliary sections B<sup>2</sup> and B<sup>3</sup> are made to engage with the cut-away edges 13 of the main sections A', A<sup>2</sup>, and A<sup>3</sup>. Where the main and the auxiliary sections engage, registering grooves 15 are produced in said edges, and keys 14 are fitted in the said grooves, securely fastening the sections together, as is shown in Figs. 1 and 2. The main and the auxiliary sections of the seat are further connected by dowels 16.

In order to strengthen the structure, glue or its equivalent is applied at the tongue-and-groove connections to the keys 14 and the dowels 16. The grain of the wood in the several main and auxiliary sections runs in opposite directions to the direction of the grain in an adjacent section in order to obtain a maximum of strength.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. A water-closet seat consisting of a series of main sections having their opposing ends united by tongue-and-groove connections, the outer edges of the main sections where they connect being cut away to present inclined edges, and auxiliary sections fitted to the said inclined edges of the main sections, the said auxiliary sections being connected with the main sections by tongue-and-groove and dowel connections, so passed through as to positively lock all of the pieces contained in the seat.

2. A water-closet seat, consisting of a series of main sections having their opposing ends united by tongue-and-groove connections, the outer edges of the said sections



where they connect being cut away to offer inclined edges, auxiliary sections fitted to the inclined edges of the main sections, the opposing edges of the main and the auxiliary sections having registering grooves, keys fitted in such registering grooves, and dowels passed through the auxiliary sections into the main sections, the grain of wood in opposing sections running in opposite directions, for the purposes specified.

In testimony whereof we have signed our

names to this specification in the presence of two subscribing witnesses.

LOUIS KRAMER.

FRANK LOUIS KRAMER.

Witnesses to signature of Louis Kramer

ALBERT G. HOLLANDER,

M. M. WEIGERT.

Witnesses to signature of Frank L. Kramer:

WALLACE OUGHETTREE

GEO. B. MILLS.