

No. 662,290.

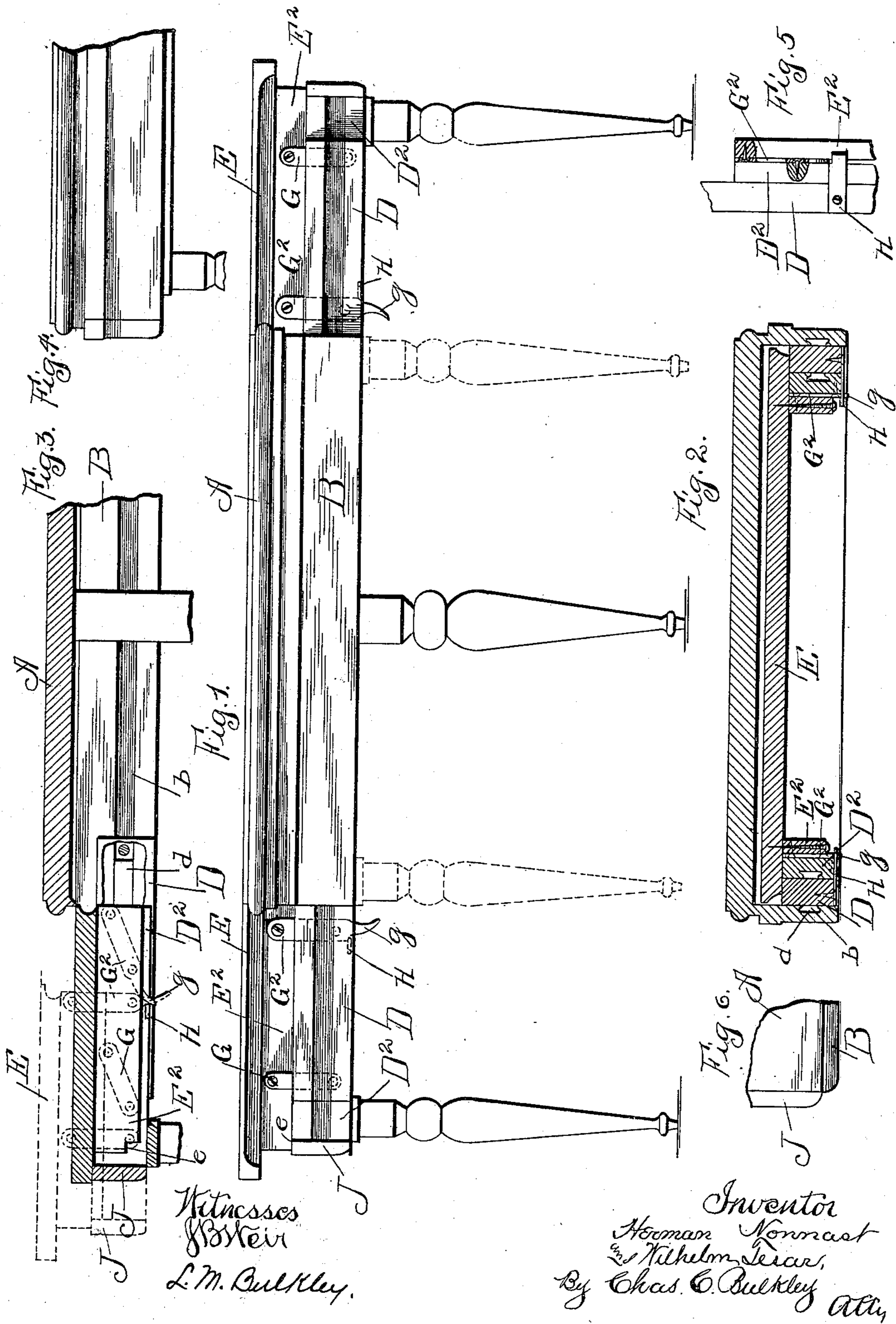
Patented Nov. 20, 1900.

H. NONNAST & W. TESAR.

EXTENSION TABLE.

(Application filed Sept. 13, 1897.)

(No Model.)



UNITED STATES PATENT OFFICE.

HERMAN NONNAST AND WILHELM TESAR, OF CHICAGO, ILLINOIS.

EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 662,290, dated November 20, 1900.

Application filed September 13, 1897. Serial No. 651,494. (No model.)

To all whom it may concern:

Be it known that we, HERMAN NONNAST, a subject of the Emperor of Germany, and WILHELM TESAR, a subject of the Emperor of Austria-Hungary, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Extension-Tables, of which the following is a specification.

Our invention has for its object the provision of means whereby the leaves or movable sections of an extension-table may be held by and disposed within the main section of the table itself when closed into its smallest form and by which the leaves or movable sections may be brought into the plane of the main section as the leaves are drawn apart to form a table-top of larger area.

Our invention has certain other objects in view; and it consists in certain features about to be described, and pointed out in our claim, reference being now had to the accompanying drawings, in which—

Figure 1 is a side elevation of the table extended. Fig. 2 is a cross-section of the table in its folded position. Fig. 3 is a longitudinal section showing one end portion of the table extended into the preliminarily - assumed position, the dotted lines indicating the position assumed when the leaves are in the plane of the main section. Fig. 4 is an end view of the table. Fig. 5 is a detail view showing the stationary stop and movable bars. Fig. 6 is a detail view of a portion of the table, showing the outline of the corners where the table is extended.

In carrying out our invention we provide a central section A, which constitutes the table-top when the leaves are not extended. This main or central section A has the side rails B, which are each grooved at *b* to receive the rabbet *d* of the movable bar D. The movable bar *D*² is also connected with the movable bar D in a like manner. These two movable bars are independent of the movable sections or leaves E, and the movable bar *E*² is connected with the leaf E. The movable bars *D*² and *E*² are connected together by means of swinging hinges G and G², their lower ends being pivoted to the bar *E*² and their upper ends pivoted to the bar *D*². The swinging hinge G²

carries a tang *g*, which is adapted to engage a stop-piece H, projected from the movable bar D.

When the movable sections E are unextended, they occupy a position within the side rails B of the central section A, as shown in Fig. 2, and thus are entirely hidden from view, so as to present an unbroken exterior of the table. In order to extend the table, the leaf E and the movable bars D, *D*², and *E*² are drawn toward the extended position until the rabbet *d* of the movable bar D engages the end of the groove *b*, which therefore holds the movable bar D stationary and permitting a continued movement of the bars *D*² and *E*² until the parts assume the positions shown in Fig. 3. Continuing to withdraw the leaf *E*², which is now unconfined, the tang *g* of the link G² engages the stop H, and thereby the leaf E is raised into the plane of the central section A upon the hinges G and G², as shown by the dotted lines in Fig. 3. The movable bar *E*² has a shoulder *e* thereon, which engages over the end rail J, and thus by this shoulder and the hinges G and G² the leaf is held in the plane of the central section. It is now simply necessary to press together the leaves toward the central section, their inner edges engaging the end edges of the central section in a mortise-joint.

From the foregoing it will be observed that we have provided means whereby is obtained a positive movement of the leaf from the folded position to the plane of the central section as the force is applied to the leaf in order to withdraw it from such folded position, that the movable bars are disposed within the two side rails of the table when folded, and thus hidden from view, which movable bars slide within the side rails, and that means are also provided to positively hold the leaves in the plane of the central section, consisting of the shoulder *e*, the hinges G and G², and the dovetail connection between the edges of the leaves and the edges of the central section, thus dispensing with all dowel-pin connections between the leaves and the central section.

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

In an extension-table, a central section, side

rails therefor, movable bars carrying the leaves slidable on the side rails and shoulders on one or more of the movable bars engaging the end rails to hold the leaves in the
5 plane of the central section together with connecting-hinges and stops to elevate the leaves into the plane of the central section.

In testimony whereof we affix our signatures in presence of two witnesses.

HERMAN NONNAST.
WILHELM TESAR.

Witnesses:

J. B. WEIR,
C. C. BULKLEY.