

No. 771,773.

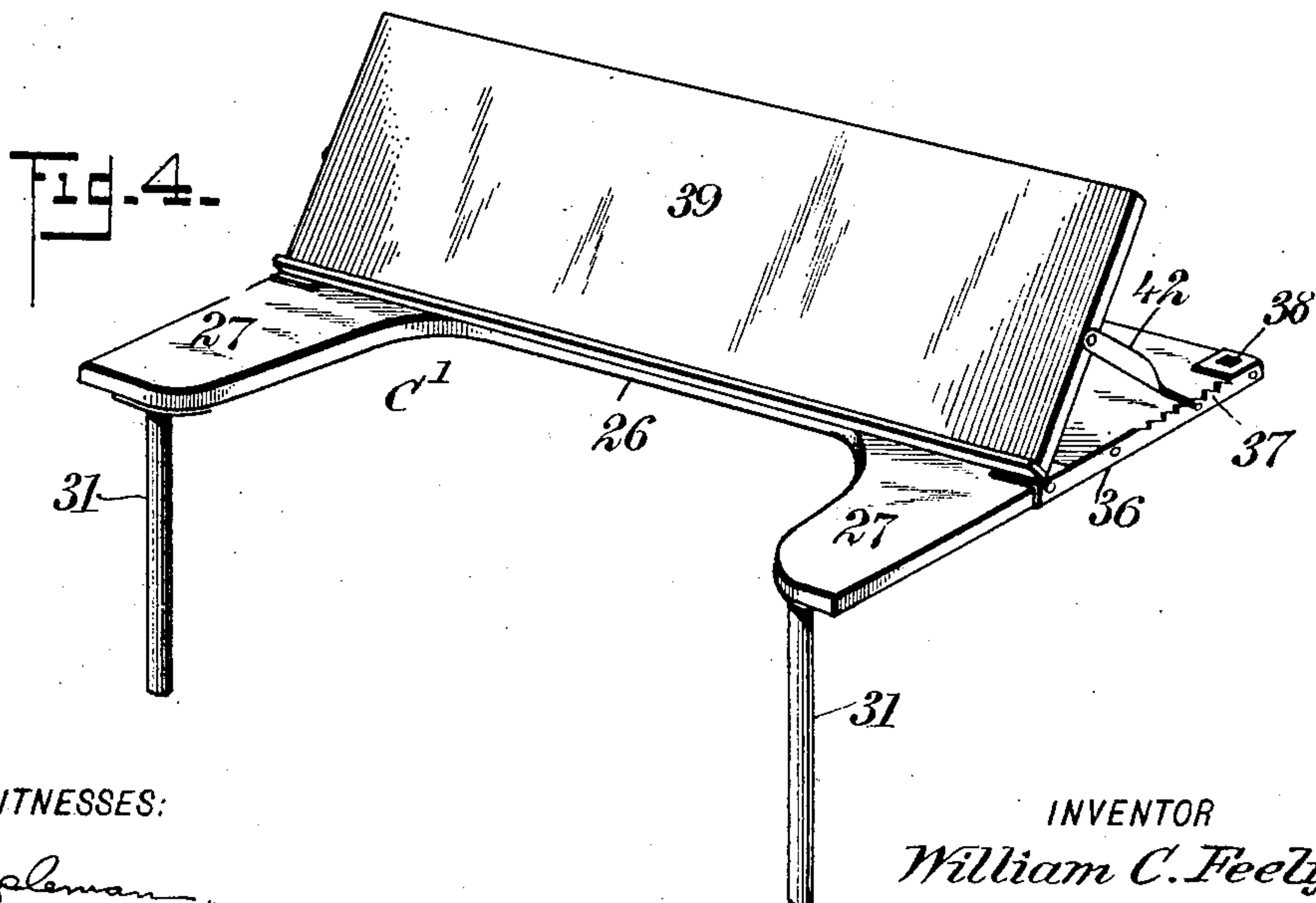
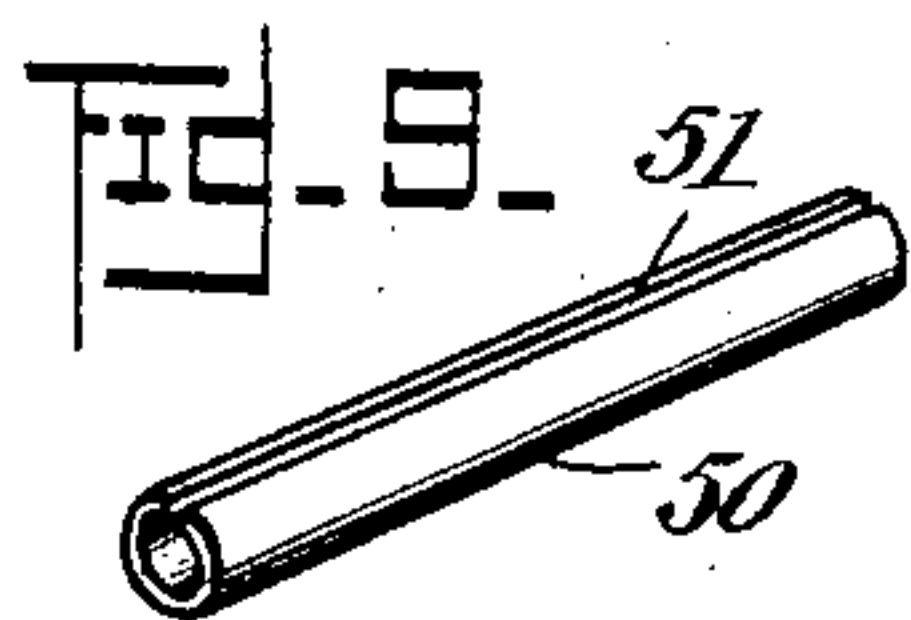
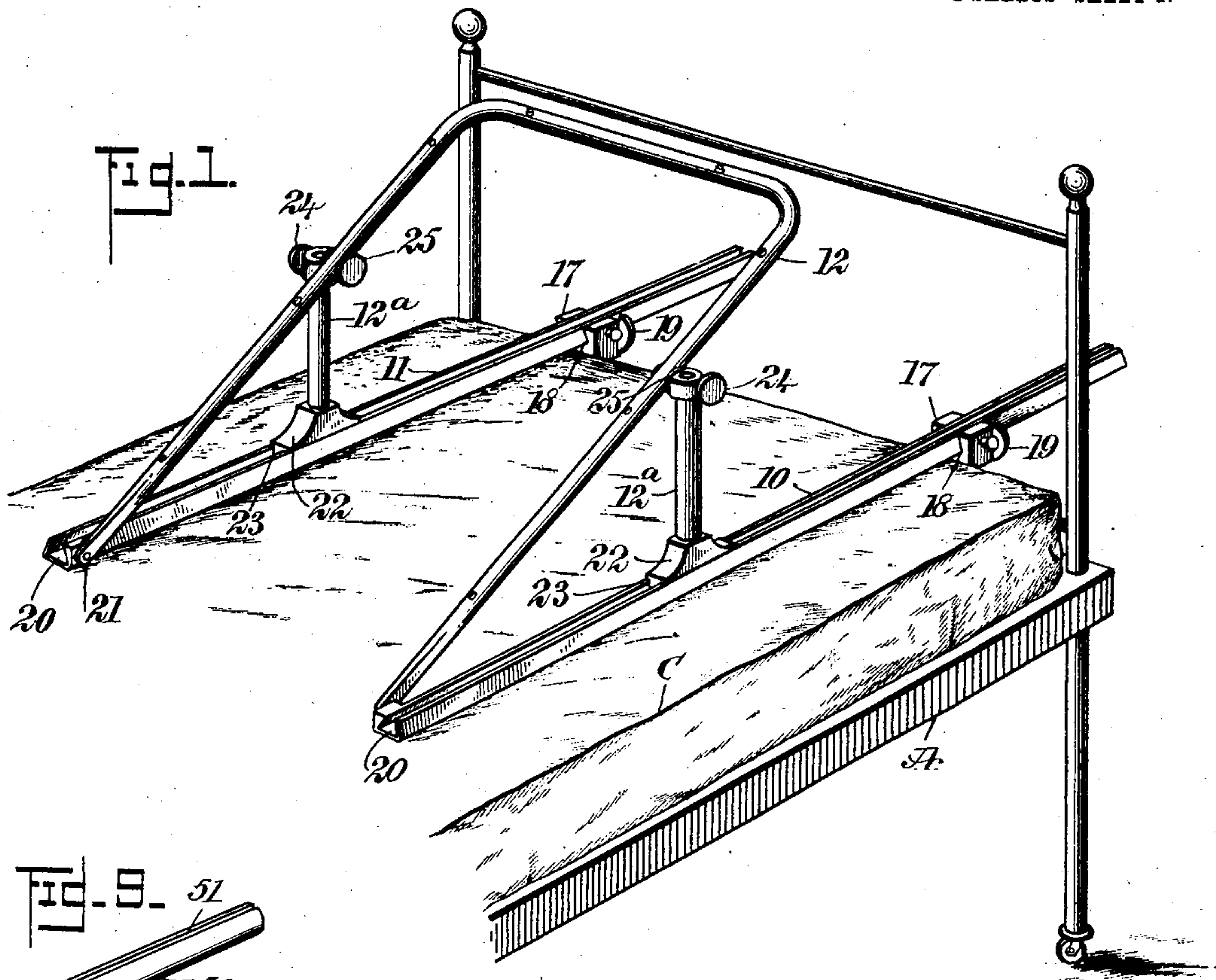
PATENTED OCT. 4, 1904.

W. C. FEELY.
HEAD REST FOR BEDSTEADS.

APPLICATION FILED NOV. 19, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

A. Rappaport
Frederick

INVENTOR

William C. Feely

BY *Wm. C. Feely*
ATTORNEYS

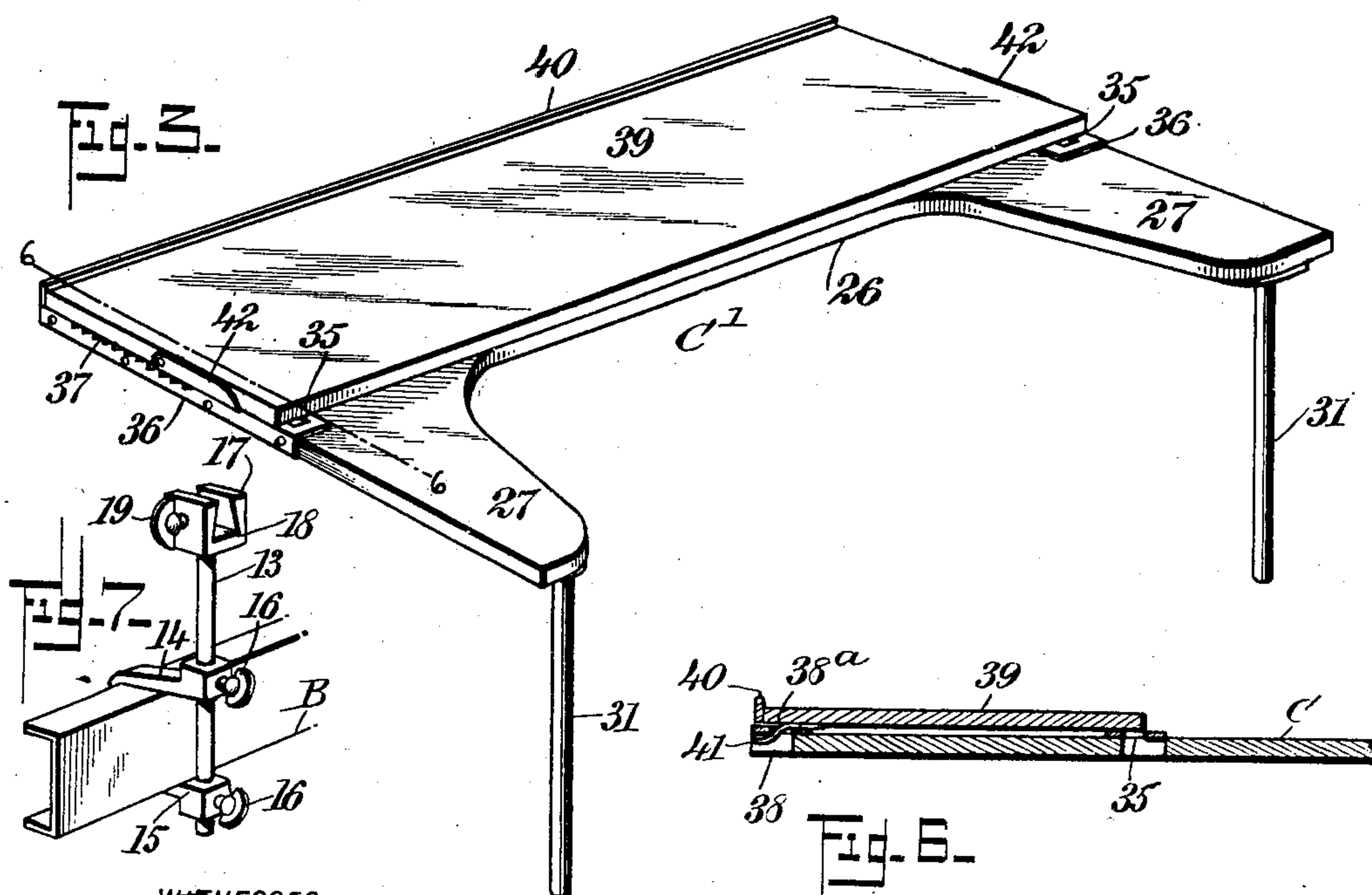
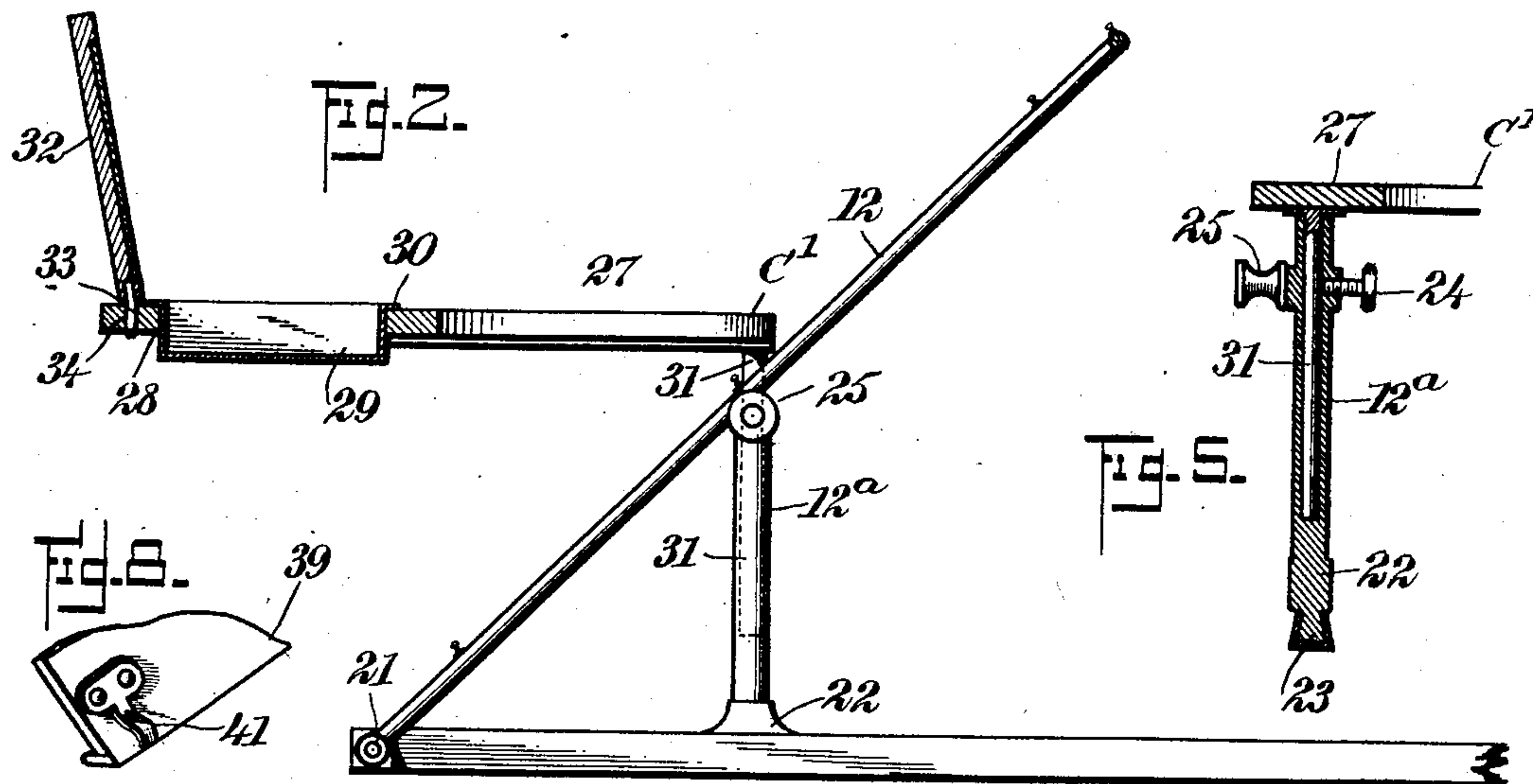
No. 771,773.

PATENTED OCT. 4, 1904.

W. C. FEELY.
HEAD REST FOR BEDSTEADS.
APPLICATION FILED NOV. 19, 1903.

NO MODEL.

2 SHEETS—SHEET 2.



~~WITNESSES:~~

A. T. Appleman
Charles Appleman

INVENTOR

William C. Feely

BY *Mum*

ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM C. FEELY, OF NEW YORK, N. Y.

HEAD-REST FOR BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 771,773, dated October 4, 1904.

Application filed November 19, 1903. Serial No. 181,775. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. FEELY, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Head-Rest for Bedsteads, of which the following is a full, clear, and exact description.

The purpose of my invention is to provide a head-rest adapted for attachment to any bedstead and which can be conveniently and expeditiously adjusted to suit the requirements of a patient without inconvenience to the patient and which will be exceedingly simple and durable in its construction.

Another purpose of the invention is to provide a support or platform adjustably and removably connected with the head-rest proper, adapted as an arm-rest and as a receiver for a wash-basin and mirror or other articles incident to the making of a toilet, and also to provide a means for connecting a table to the said platform or support and devices whereby the table may be converted into an adjustable reading-desk when so desired.

A further purpose of the invention is to provide an article of the character described which will not only comprise few parts capable of quick adjustment and adaptation, but which may be compactly folded, and, furthermore, to so construct the head-rest that it can be adjusted and held in adjusted position practically perpendicularly, if desired, all without the use of adjusting or binding screws or the like.

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 perspective view of the head portion of the bed and my improved head-rest applied. Fig. 2 is a vertical longitudinal section through the head-rest, showing a wash-basin and mirror in position for use. Fig. 3 is a perspective view of the platform member and table, the latter being in hori-

zontal position on the said platform member. Fig. 4 is a perspective view of the platform member, showing the table in position to serve as a reading-desk. Fig. 5 is a longitudinal section through that portion of the platform member which is connected with the body of the head-rest and a vertical section through a portion of the head-rest adapted to receive the platform member. Fig. 6 is a section taken practically on the line 6 6 of Fig. 3. Fig. 7 is a perspective view of a part of the cross-bar and head of the bed and one of the guard-supports for the head-rest located at the head portion of the bed. Fig. 8 is a detail perspective view of a corner of the table viewed from the bottom, and Fig. 9 is a perspective view of a modified form of track.

A represents a portion of the bedstead, B the body cross-bar at the head of the said bedstead, and C the mattress.

The body of the device consists primarily of two tracks 10 and 11, adapted to occupy parallel positions upon the mattress C, a connecting member 12 for the tracks, usually of a bow shape, and supporting-standards 12^a for the connecting member 12, which latter member is the actual supporting member for the patient and through the medium of the standards 12^a can be held in more or less of an inclined position or in a vertical position, as the standards are adjustable in the tracks 10 and 11.

The head-rest is preferably secured to the bedstead in the following manner and as is best illustrated in Fig. 7: Upper and lower clamps 14 and 15 are mounted for movement upon uprights 13, being held in adjusted position upon the uprights by set-screws 16. These clamps are adapted to engage one with the upper and the other with the lower face of the head cross-bar B of the bedstead, and each upright 13 is provided with a head 17 at its upper end, having a dovetail recess 18 produced therein. Each head carries a set-screw 19, which extends into the recess 18 of the head. The tracks 10 and 11 are provided with a preferably dovetail recess 20, which extends throughout their length, as is shown best in Fig. 1, and the limbs of the bow member 12 of the body portion of the head-rest are

pivotaly attached to what may be termed the "forward" ends of the tracks 10 and 11 at their inner faces, as is indicated at 21 in Fig. 1. Each standard 12^a is tubular and is provided with a foot-block 22, and each foot-block 22 of each standard 12^a has a dovetail rib 23 formed at its bottom, which dovetail ribs are adapted to slide in the dovetail recesses 20 of the tracks 10 and 11, as is best shown in Fig. 5. Near the upper end of each standard 12^a a set-screw 24 is located, preferably at the outer side, and the said set-screw extends into the bore or chamber of the standard carrying it. Opposite the set-screw 24 at the inner side of each standard 12^a a support 25 is provided for the bow member 12, and this support is ordinarily made in the form of a spool 25, as is illustrated in Fig. 5. The said spool may be made rigid with the standard carrying it, or it may be adapted to turn thereon, as in practice may be found most desirable. When the body of the head-rest is applied to the bed, the rear portions of the tracks 10 and 11 are passed through the recesses 18 in the heads 17 of the supporting-uprights 13, as is clearly shown in Fig. 1, and the said tracks are held in adjusted position by means of the set-screws 19. Thus it is evident that the tracks may be adjusted forward or backward, as may be required for the comfort of the patient, and, as has been stated, the standards 12^a, being adjustable on the tracks 10 and 11, operate as they are drawn forward or rearward to elevate or to depress the bow member 12 and support it in the position desired.

I desire it to be understood that the bow member may be provided with a netting between its members or with a canvas strip or strips or the equivalent or may be in the skeleton form shown, and the said bow member may be provided with buttons to facilitate the application of a backing thereto.

In connection with the body of the head-rest just described I employ a platform member C'. This platform member consists of a transverse horizontal body-section 26 and rearwardly-extending arm-rests 27 extending from the end portions of the body-section, as is shown in Fig. 3. In the body-section 26 of the said platform member C' a longitudinal opening 28 is provided adapted to receive a basin 29, provided with an upper flange 30, which prevents the basin from falling through the said opening 28, as is shown in Fig. 2. At the inner or rear end of each wing or arm-rest 27 of the platform member C' a downwardly-extending pin 31 is secured, and these pins are adapted to enter the bores in the standards 12^a. When the platform member C' has been vertically adjusted to suit the patient, it is held in its adjusted position by tightening up the set-screws 24 against the said pins 31, as is illustrated in Fig. 5. When the basin 29 is in position in the platform member C', it may be desirable to provide a mir-

ror 32, suitably framed, so that the patient may complete his toilet almost as conveniently as when not confined to a bed. This mirror is usually held in position by means of pins 33, attached to its bottom edge, which pins enter openings 34, made in the body 26 of the platform member C', as is illustrated in Fig. 2, so that the mirror is readily removable.

A plate 36 is secured in any suitable or approved manner at the ends of the body 26 of the platform member C', extending over the upper face of the said body 26, and at the outer edge of the said plates 36 a series of teeth 37 is produced. Apertures 35 are made at the inner ends of the plates 36 and in the body 26 of the platform member, and near each end of the said body 26 of the platform member a recess 38 is made, and each recess connects with an aperture 38^a, made in the plates 36, as is shown in Fig. 6.

When meals are to be served to a patient, a table 39 is employed, (shown best in Figs. 3 and 4,) which table is provided with a flange 40 at one longitudinal edge, and the said table at its flanged edge is further provided with curved tongues 41, which are made to enter the apertures 38^a and the recesses 38 when the table is used, as is shown in Fig. 6, at which time the said table will rest horizontally and substantially flat on the body 26 of the platform member C'. This table 39 may be utilized as a book-rest, so that in conjunction with the platform member C' a reading-desk may be improvised. When the table 39 is so employed, the tongues 41 are made to enter the openings 35 in the body of the platform member C', and the said table 39 may be given any desired inclination by causing legs 42, pivoted to the ends of the table 39, to engage with any one of the teeth 37 on the body of the platform member, as is shown in Fig. 4. These legs are so made that when they are folded flat against the bottom of the table 39 they do not interfere with the table when used for serving meals, as is shown in Fig. 3. It may be here observed that the track members 10 and 11 are virtually the base members of the body of the head-rest.

In Fig. 9 I have illustrated a slight departure in the construction of the tracks 10 and 11, which consists in a track 50 of tubular form, having an upper longitudinal slot 51 extending preferably the length thereof. Under this construction the feet of the standards 12^a will be shaped to slide within the tube and extend out loosely through the slot 51.

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

1. In a head-rest for beds, uprights having guideways and adapted to be secured to the frame of the bed, base members having longitudinal movement in said guideways, said base members themselves, also having longitudinal guideways, standards, erected upon said base members and having longitudinal

movement in their guideways, a connecting member pivoted to the base members and adapted to be supported upon said standards.

2. In a head-rest for beds, uprights having 5 guideways and adapted to be secured to the cross-bar at the head of the bed, base members adapted to fit said guideways and engaged thereby at their outer end portions, said base members themselves also having 10 longitudinal guideways, standards erected upon said base members between their ends, and having movement in said guideways, a connecting member pivoted to the base members at their inner or forward ends and adapted 15 to swing rearwardly thereon, and means on said standards disposed in the path of said connecting member to engage and support the same in an inclined position.

3. In a head-rest, base members, supports 20 for the said base members, in which they are adjustably secured, means for attaching the supports to an object, as a bed, a bow connecting member pivotally attached to the forward portions of the base members, stand- 25 ards having movable connection with the base members, and members carried by the standards, adapted as supports for the said connecting member, as set forth.

4. In a head-rest for beds, base members 30 having longitudinal guideways, standards erected upon said base members between their ends and having movement in said guideways, a connecting member pivoted to the base members at their forward ends and adapted to 35 swing rearwardly thereon, and means carried by said standards and adapted to loosely engage said connecting member to support the same in an inclined position.

5. In a head-rest, a support, standards lon- 40 gitudinally adjustable on said support, a platform member carried by the standards, a table vertically adjustable on the standards, means for removably attaching the table to the platform member, and devices for adjust- 45 ing the said table on the platform at different inclinations, whereby to provide a book-rest, as set forth.

6. A head-rest consisting of base members,

a connecting member, and supports for the connecting member frictionally held in the 50 base members, said supports and base members having tongue-and-groove connection with each other.

7. A head-rest consisting of base members having contracted upper outlet portions, a 55 connecting member pivoted to the base members, and supports slidable in the base members, having foot-sections corresponding to the inner contour of the base members, as 60 specified.

8. In a head-rest for beds, base members having longitudinal guideways, tubular stand- ards erected upon said base members between 65 their ends and having movement in said guideways, a connecting member pivoted to the base members at their forward ends, and adapted to swing rearwardly thereon, means 70 carried by said standards and disposed in the path of said connecting member to loosely engage and support the connecting member in an inclined position, and a platform hav- 75 ing downwardly-extending members adapted to be received into said tubular standards to support the platform in a horizontal position.

9. In a head-rest for beds, base members 75 having longitudinal guideways, tubular standards erected upon said base members between their ends and having movement in said guide- ways, a connecting member pivoted to the 80 base members at their forward ends, and adapted to swing rearwardly thereon, means carried by said standards to loosely engage and support said connecting member in an in- 85 clined position, a platform having downwardly-extending members adapted to be received into said tubular standards to support the platform in a horizontal position, a table on said platform, and means for detachably connecting the table with the platform.

In testimony whereof I have signed my name 90 to this specification in the presence of two subscribing witnesses.

WILLIAM C. FEELY.

Witnesses:

J. FRED. ACKER,
JNO. M. RITTER.