(No Model.)

A. A. BUSCH & A. MILLER.

TABLE.

No. 587,181. Patented July 27, 1897.

Fig. I.

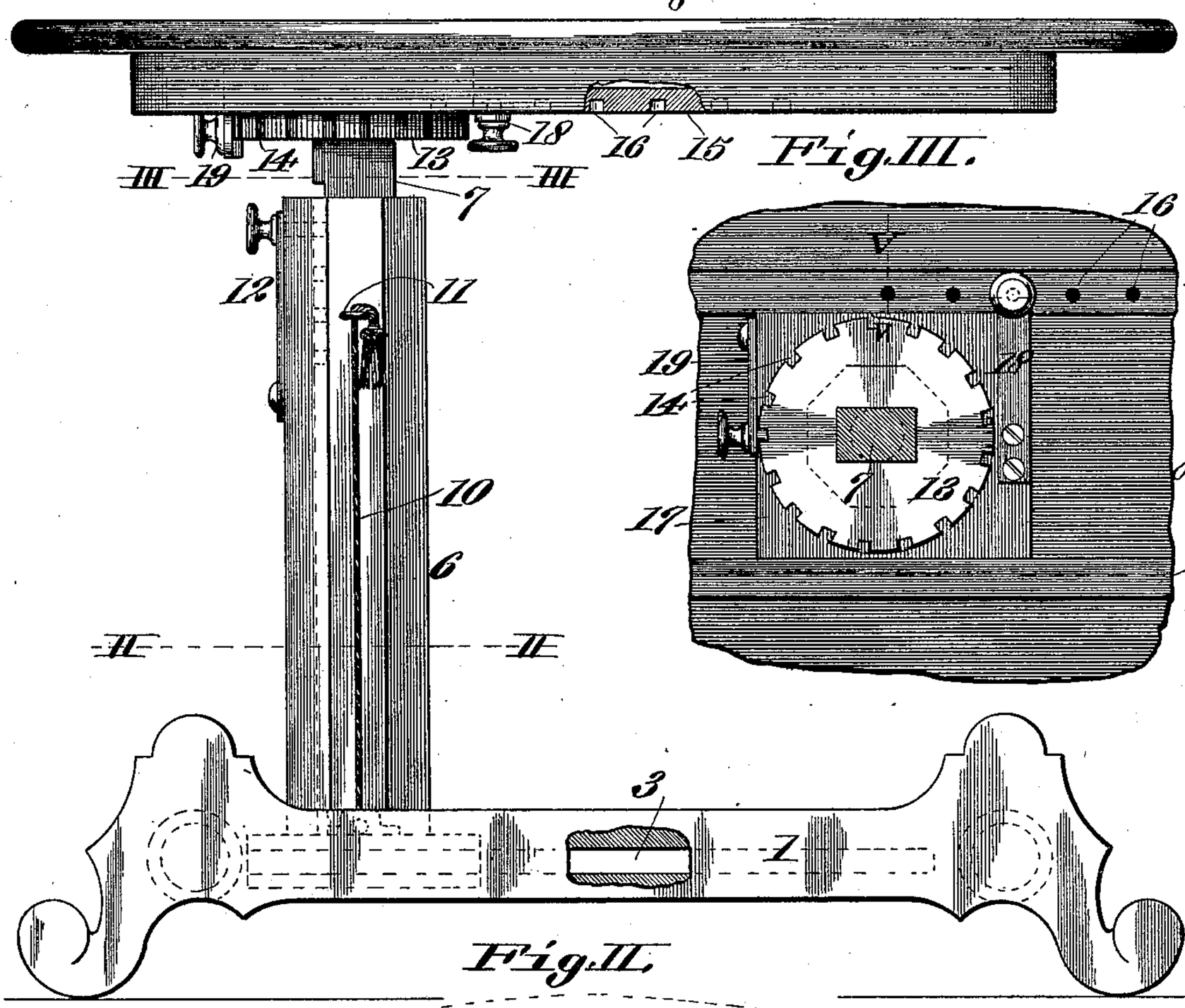

Fig. III.

Fig. II.

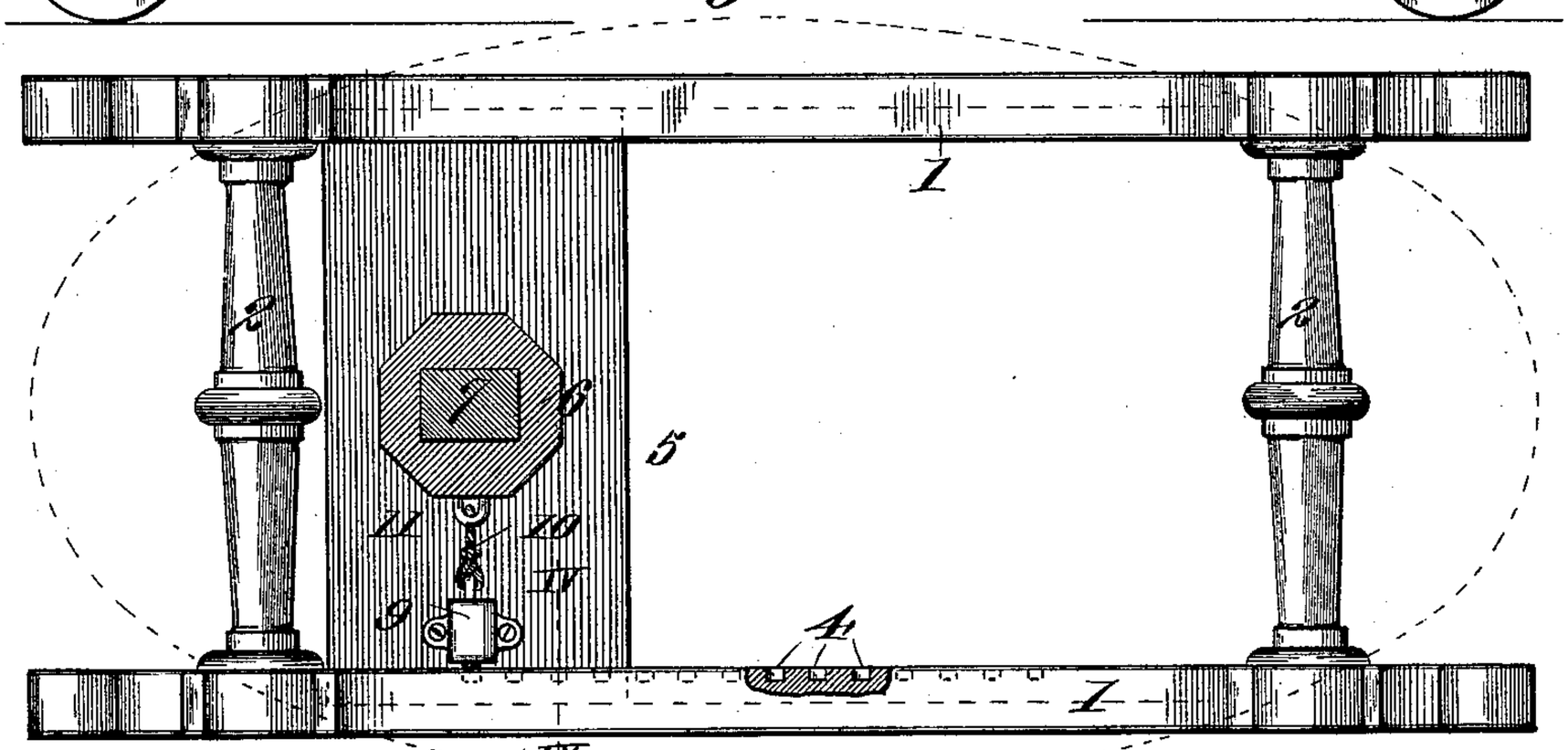

Fig. IV.

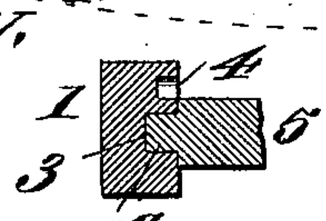

Fig. V.

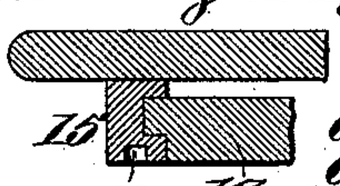

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TABLE.

SPECIFICATION forming part of Letters Patent No. 587,181, dated July 27, 1897.

Application filed January 18, 1897. Serial No. 619,624. (No model.)

To all whom it may concern:

Be it known that we, AUGUST A. BUSCH and ADOLPH MILLER, citizens of the United States, residing at the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Tables, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

Our invention relates to tables arranged to be adjusted as to elevation and lateral position of the table-top relative to the base of the table. The construction is such as to render the table particularly of utility at a bedside, where the base may extend beneath the bed out of the way and the table-top extend over the bed within convenient reach of the occupant of the bed. In such use it is especially convenient and serviceable for the use of invalids.

Our invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a side elevation of the table, portions being broken out to show details of construction. Fig. II is a top view of the table-base, with the top-supporting stem illustrated in cross-section, taken on line II II, Fig. I. Fig. III is a detail view of the under side of the table-top, with the adjustment-rack illustrated in cross-section, taken on line III III, Fig. I. Fig. IV illustrates a detail section taken on line IV IV, Fig. II. Fig. V illustrates a detail section taken on line V V, Fig. III.

The table-base is composed of foot members 1 1, connected by cross-pieces 2 2. Each of the feet members is provided on its inner side with a groove 3, and arranged parallel with the groove 3 of one of the members 1 are a series of recesses 4, designed to receive a catch-bolt hereinafter mentioned.

5 designates a slide extending across the space between the members 1 and provided with tongues 5^a, that operate in the grooves 3.

6 designates the table-top-supporting stem, mounted on the slide 5, which is hollow to receive a rack 7, on which the table-top 8 is supported.

9 designates a spring-catch bolt located on one end of the slide 5, having its point opposed to the inner side of the foot member 1, in which are the recesses 4. Connected to the catch-bolt 9 is a cord 10, that extends through eyes 11 up to within convenient reach to be grasped by a person desiring to release the catch 9 and move the slide 5. The catch 9 is normally in engagement with one of the recesses 4, and thus prevents the slide 5 from movement until the bolt of the catch has been withdrawn, which may be readily accomplished by grasping the cord 10, as stated.

The teeth of the rack 7 are designed to be engaged by the pin of a spring-catch 12, located on one side of the supporting-stem 6, said pin when engaged in the teeth of said rack retaining the rack in any position in which it may be placed. The elevation of the table-top may therefore be readily changed by releasing the catch 12 from engagement with the teeth of the rack and the table-top be elevated or lowered as desired.

13 designates a disk on the upper end of the rack 7. In the edge of this disk are a number of notches 14.

On the under side of the table-top 8 are a pair of channeled strips 15, arranged parallel, one of which contains a number of recesses 16. Fitting in the channels of the strips 15 is a slide 17, that is loosely mounted on the upper end of the rack 7 above the disk 3.

18 designates a spring-catch provided with a point adapted for engagement in any one of the recesses 16 in the strip 15 for the purpose of retaining the table-top from lateral movement on the slide 17.

19 designates a spring-catch provided with a point adapted for engagement in any one of the notches 14 in the disk 13 to retain the slide from rotation on the rack 7.

In the different adjustments of the table the slide 5 may be moved laterally in the grooves 3 of the feet members 1 and the stem 6 be shifted to varying positions, thereby leaving the space above the feet members more or less unobstructed for the purpose of permitting of their being mainly projected beneath a bed or other object out of the way. When in the desired position, the slide is readily secured by the catch-bolt engaging in one of the recesses 4. The elevation of the table-top may be altered on releasing the catch 12 from the teeth of the rack 7, after which the catch may be

engaged in another of the rack-teeth when the top has been changed to the desired elevation. On releasing the catch 18 the table-top may be moved laterally on the slide 17 and secured by said catch engaging in another of the recesses 16 from that in which it was previously engaged. On releasing the catch 19 from its engagement in one of the notches 14 of the disk 13 the table-top may be rotated to another position and the catch engaged with another of the notches 14 to secure it.

We claim as our invention—

1. In a table the combination of grooved feet members, a slide arranged to operate in the grooves of said members, a stem mounted on said slide, a top supported by said stem, and a catch arranged to hold said slide from movement, substantially as described.

2. In a table, the combination of grooved feet members, one of which is provided with recesses, a slide arranged to operate in the grooves of said members, a stem mounted on said slide, a top supported by said stem, and a catch carried by said slide arranged to engage said recesses, substantially as described.

3. In a table, the combination of a base, a stem, a top, channeled strips on the under side of said top, one of said strips being provided with a number of recesses, a slide arranged to operate in the channels of said strips, and a catch carried by said slide adapted to be engaged in said recesses, substantially as described.

4. In a table, the combination of a base, a stem, a rack, a top, a slide revolubly mounted on said rack, a notched disk, and a catch carried by said slide adapted to engage the notches of said disk, substantially as described.

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In presence of—
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J. A. VALENTIN SCHMIDT.