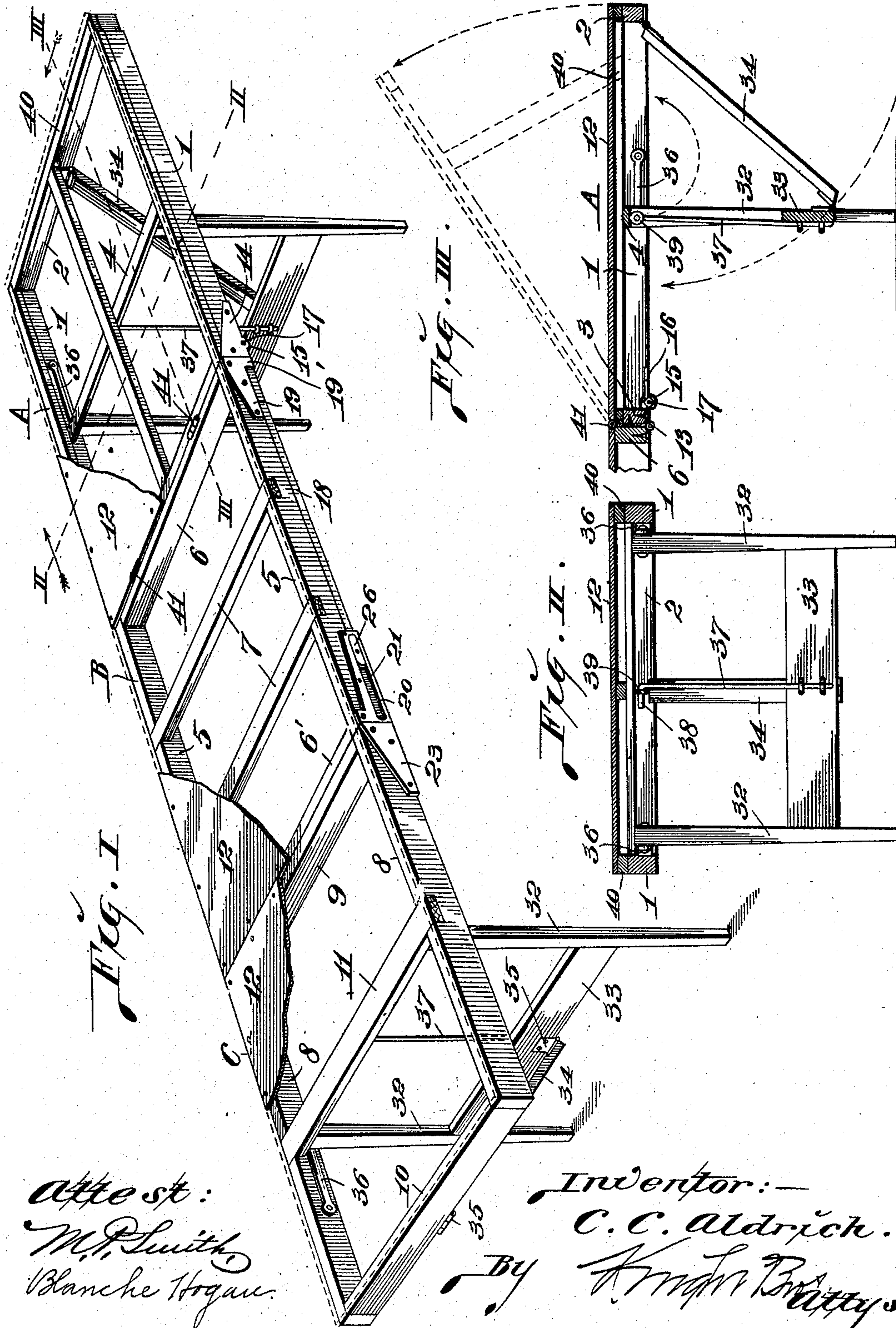


C. C. ALDRICH.  
FOLDING EMBALMING TABLE.

APPLICATION FILED APR. 3, 1905.

2 SHEETS—SHEET 1.



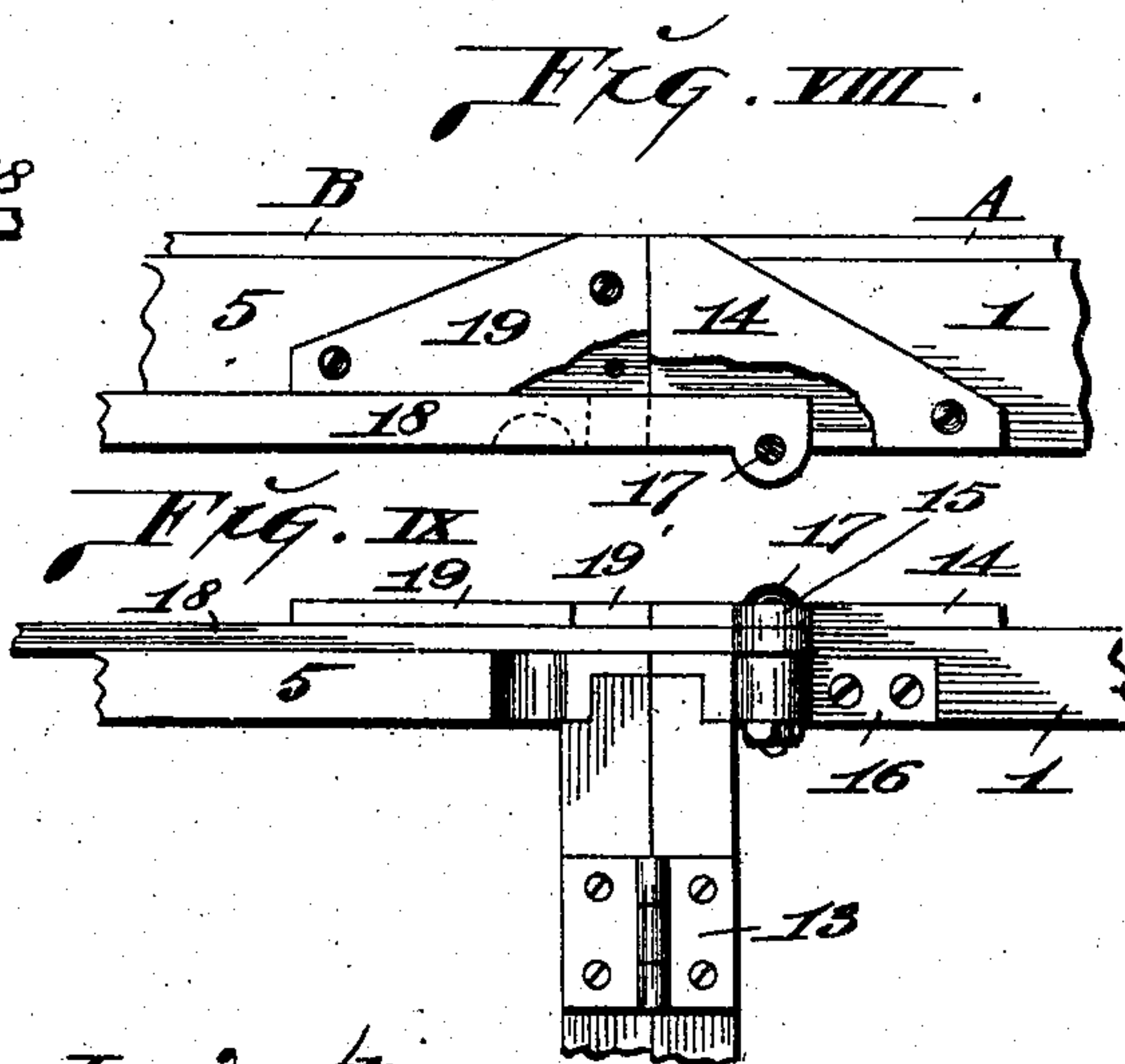
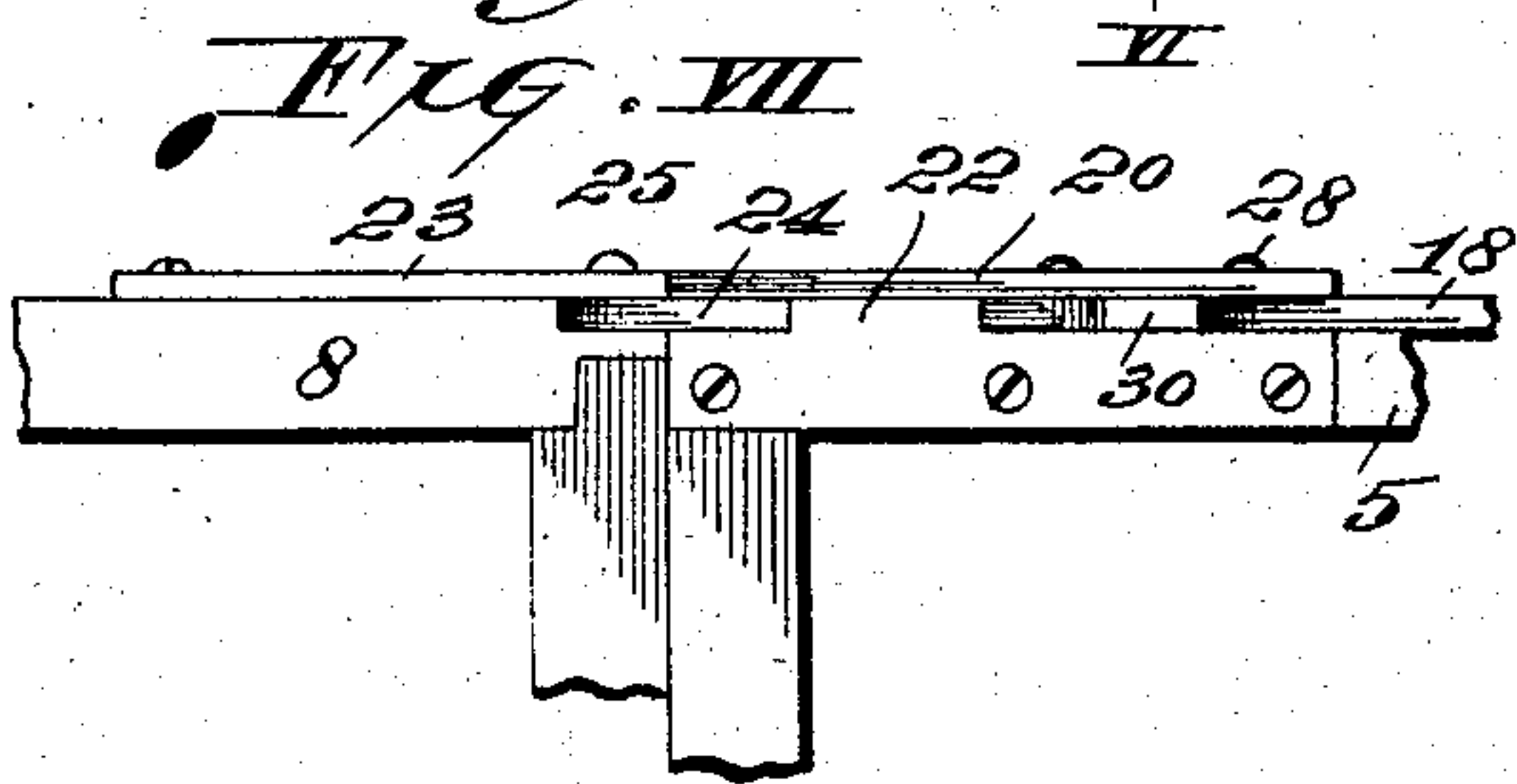
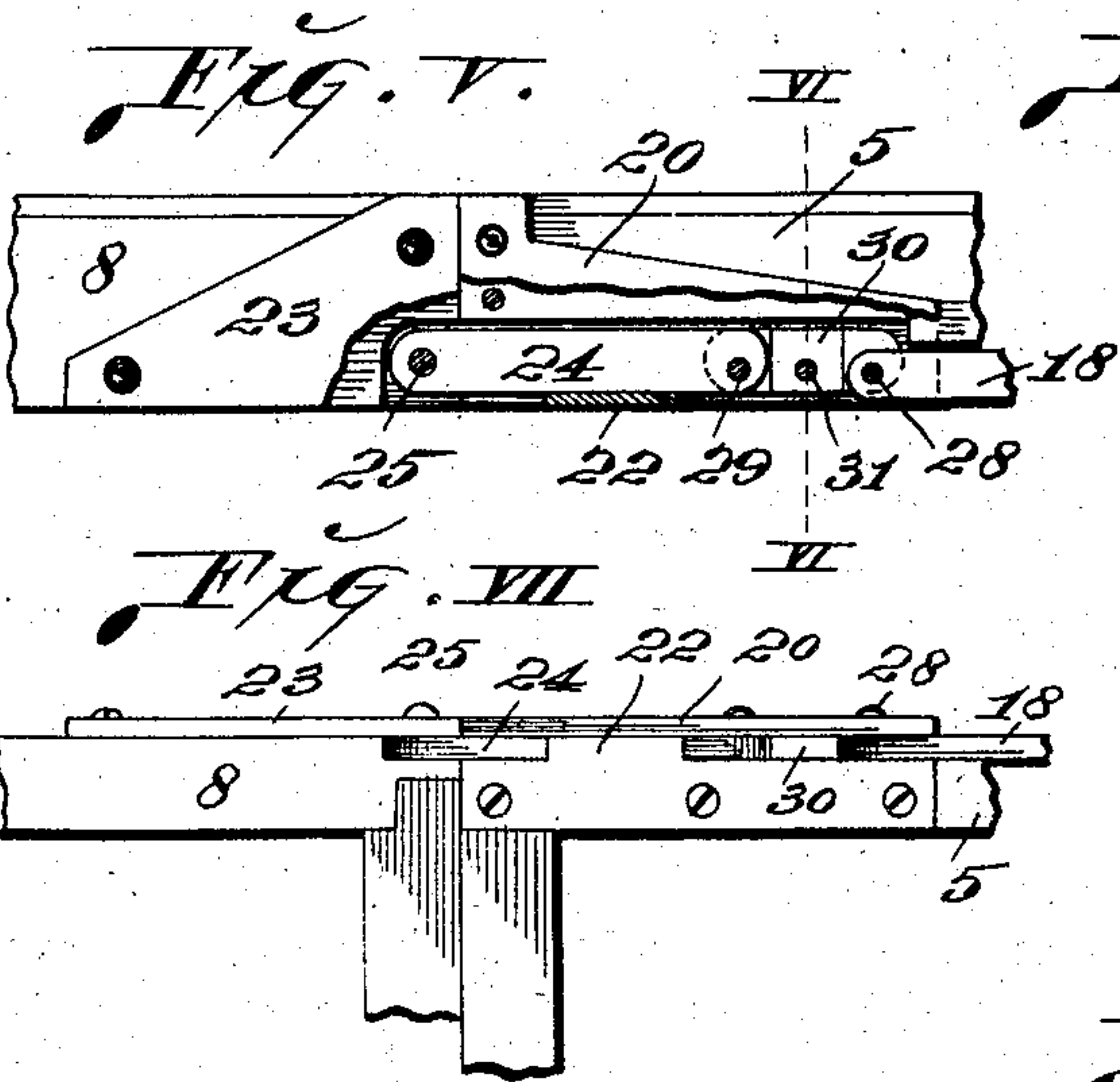
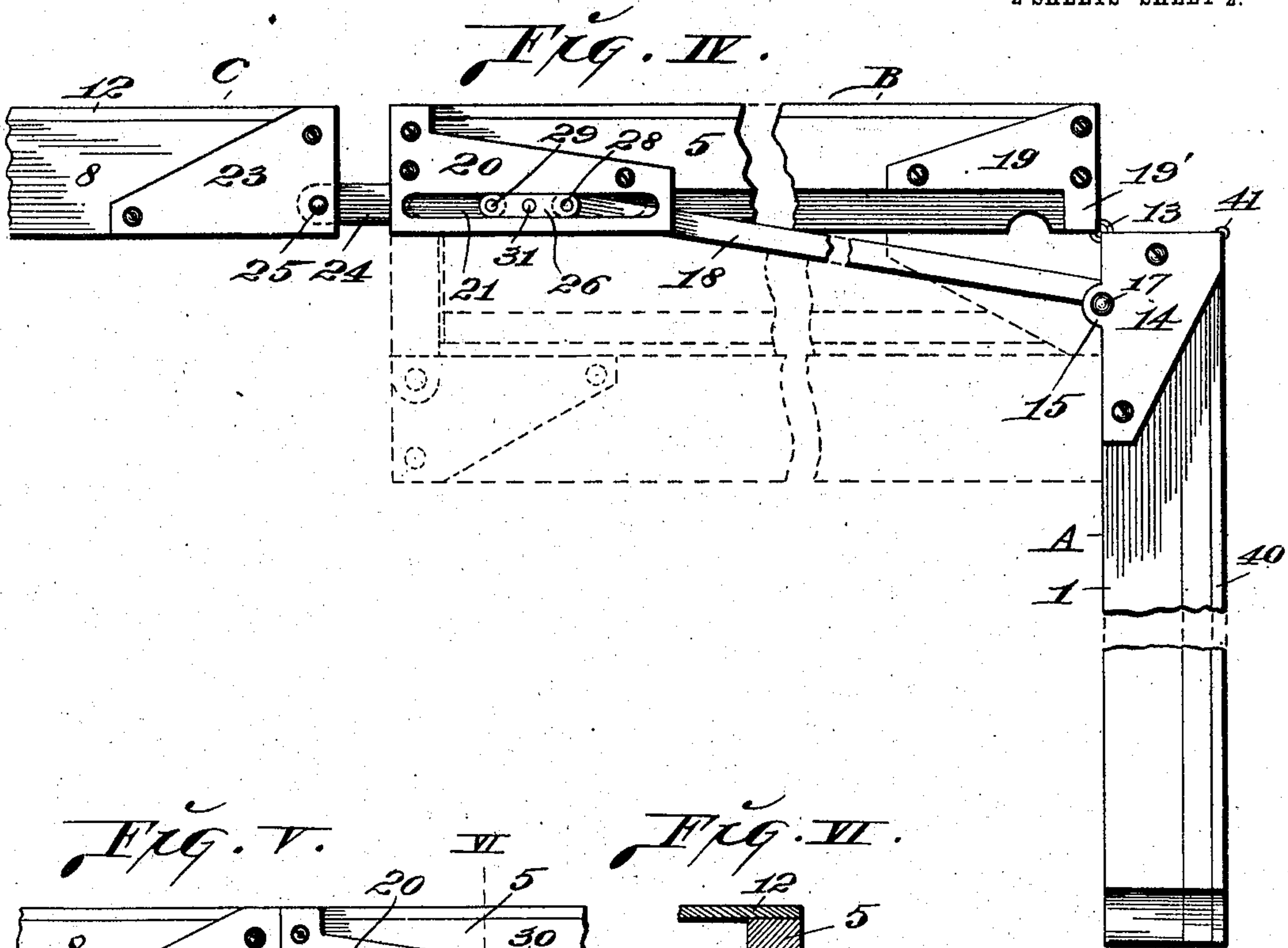
Attest:  
M. P. Smith  
Blanche Hogan.

Inventor:—  
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By *Knight & Barry*

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2 SHEETS—SHEET 2.



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# UNITED STATES PATENT OFFICE.

COURTNEY C. ALDRICH, OF WEBSTER GROVES, MISSOURI, ASSIGNOR OF  
ONE-HALF TO WILLIAM J. PARKER, OF WEBSTER GROVES, MISSOURI.

## FOLDING EMBALMING-TABLE.

No. 806,613.

Specification of Letters Patent.

Patented Dec. 5, 1905.

Application filed April 3, 1905. Serial No. 253,686.

*To all whom it may concern:*

Be it known that I, COURTNEY C. ALDRICH, a citizen of the United States, residing in Webster Groves, in the county of St. Louis and State of Missouri, have invented certain new and useful Improvements in Folding Embalming-Tables, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming  
10 part of this specification.

My invention relates to a folding embalming-table that may be readily folded into compact condition to be carried from place to place and which is susceptible of being extended to the proper length for utility as a table and when so extended constitutes a strong, efficient, and light structure that is of the greatest efficiency.

Figure I is a perspective view of my table in unfolded and extended condition. Fig. II is a vertical transverse section taken on line II II, Fig. I. Fig. III is a vertical longitudinal section taken on line III III, Fig. I. Fig. IV is an enlarged side view of parts of the sections of my table shown in the positions they assume when the table is being folded. Fig. V is an enlarged side view, partly broken away, of fragments of the central and foot sections of the table and the members controlling the movement of the foot-section with respect to the central section. Fig. VI is a vertical cross-section taken on line VI VI, Fig. V. Fig. VII is a bottom view of the parts shown in Fig. V. Fig. VIII is a side view, partly broken away, of fragments of the central and head sections of the table and one of the shift-rods pivoted to said head-section. Fig. IX is a bottom view of the parts shown in Fig. VIII.

A, B, and C designate, respectively, the head-section, central section, and foot-section of my table. The head-section A consists of a frame composed of side rails 1, an outer end rail 2, an inner end rail 3, and the transverse bar 4, located  
45 intermediate of said end rails and connecting the side rails. The central section B consists of a frame comprising side rails 5, end rails 6 and 6', and transverse bars 7, located intermediate of the end rails and connecting the side rails.  
50 The foot-section C consists of side rails 8, an inner end rail 9, an outer end rail 10, and a transverse bar 11, connecting the side rails and located intermediate of the end rails. The frame-sections, constructed as described, pref-

erably have applied to them covering-sheets 12, that may be of any desirable material. The head-section A is connected to the central section B by hinges 13, (see Figs. III, IV, and IX,) which are applied to and unite the end rails 3 and 6 of said sections at their lower sides, thereby permitting swinging movement of the section A with respect to the section B. The central section B and foot-section C are not directly connected to each other; but the foot-section is swingingly united to the central section and shifted relative thereto by means to be hereinafter described.

14 designates levers or lever-plates secured to the sides of the head-rail side bars 1 and provided with ears 15. (See Figs. I to III, inclusive, and Fig. IX.)

16 designates hinge-leaves secured to the under sides of the head-section side rails and through which and said ears 15 are passed hinge-bolts 17.

18 designates throw-rods, each having one of its ends fitted to the hinge-bolt 17 to provide longitudinal thrust of said throw-rods when the head-section A is swung upon its hinges 13 with respect to the central section B, so that said rods are projected longitudinally of the central section B and toward the foot-section C when the table-sections are being folded.

19 designates guard-plates secured to the central-section side rails 5 at their ends which face the side rails of the head-section, these guard-plates being arranged to lap over the throw-rods 18, due to their being provided with tongues 19' when the table is in extended position, as seen in Fig. I. The guard-plates also serve as braces for the levers 14, which abut thereagainst when the sections are unfolded.

20 designates guide-plates secured to the central-section side rails 5 at their ends which face the foot-section C, each of said guide-plates being provided with a longitudinal slot 21. (See Figs. I and IV.)

22 designates also guide-plates secured to the under sides of the central-section side rails 5 adjacent to the guide-plates 20.

23 designates hinge-plates secured to the foot-section side rails 8 and adapted to abut against the guide-plates 20 when the table is unfolded and extended.

24 designates shift-bars swingingly connected to the hinge-plates 23 by pivot-bolts 25. These shift-bars extend from the hinge-plate



23 into positions between the central-section side rails 5 and the guide-plates 20, as seen in Figs. IV to VII, inclusive, and they are united to the throw-rods 18 by links 26 and 27, to the ends of which the throw-rod and shift-bar are pivoted at 28 and 29. The outer links 26 are in each instance positioned within the slot 21 of the guide-plate 20 to ride therein and direct the travel of said links, and consequently the movement of the throw-rods 18 and the shift-bars 24. The links 26 and 27 are held separated by a parting-block 30 and are united to each other by pins 31, that pass through said links and said block.

When the sections A, B, and C are to be folded to each other from the unfolded and extended condition in which said parts are shown in Fig. I, the section A is first swung upon its hinges 13, and as it is so swung the levers 14, carried by said section, are moved in the arcs of circles, thereby carrying the hinge-bolts 17, that connect the throw-rods 18 to said levers in corresponding arcs of circles. As the section A is moved from a position in alinement with the section B the levers 14 act upon the throw-rods 18 to impart longitudinal thrust thereto in a direction toward the foot of the table, thereby causing the links 26 and 27 to move in a corresponding direction while the links 26 ride in the guiding-slots 21 of the guide-plates 20. As the links 26 and 27 advance they impart longitudinal thrust to the shift-bars 24, thereby carrying the foot-section C into position remote from the opposing end of the central section B. The movement of the head-section A is continued until said head-section is carried into the position seen in dotted lines, Fig. IV, when it lies flatly against the under side of the central section B. At this time the throw-rods 18 are carried into alinement with the sections A and B and the shift-bars 24 are so positioned beyond the bottom guide-plate 22 that they may be swung upon their pivotal points 29, at which they are connected to the links 26 and 27. The foot-section C is then swung in the arc of a circle and turns upon the shift-bars 24 as pivot members, the movement of said foot-section being continued until it lies flatly against the head-section A, as seen in dotted lines, Fig. IV.

32 designates supporting-legs forming a part of the table and by which the head and foot sections are supported when in extended or unfolded condition, these legs being united to each other by cross-bars 33.

34 designates braces the ends of which are connected by hinges 35 to the cross-bars 33 and the outer end rails of the head and foot sections A and C.

36 designates links each having one of its ends pivoted to a head or foot section side rail and its other end pivoted to an adjacent supporting-leg 32 at the upper end of said leg. These links permit swinging motion of the

legs 32, which is likewise permitted by the braces 34. When the legs are in unfolded condition, as seen in Figs. I to III, inclusive, their upper ends rest beneath the cross-bars 4 and 11 of the head and foot sections and the legs are stayed by the braces 34. For the purpose of holding the legs from movement while in such position I utilize catch-rods 37, the lower ends of which are fixed to the leg-connecting cross-bars 33 and the upper ends of which are bent at an angle to form hooks 38, which enter into eyes 39, seated in the lower sides of the head and foot section cross-bars, as seen most clearly in Figs. II and III. When the legs 32 are to be folded, the catch-rods 37 are released from the eyes 39. The legs are then swung longitudinally away from the head and foot section cross-bars and caused to turn upon the links 36 as pivot members until said links are in alinement with the legs. The legs are then moved inwardly by swinging upon the braces 34 as fulcrum members. While the links are again swinging backwardly toward positions in which they will be in alinement with the head and foot sections the legs are carried inwardly into positions at the lower sides of the head and foot sections, so that they will fit snugly thereto while the sections are in folded condition. The movement of the legs is indicated by the arrows, Fig. III.

40 is a head and shoulder supporting frame connected to the inner end rail of the head-section A by hinges 41, the outer end of said frame being free of connection to said section. This head and shoulder supporting frame is adapted to be elevated into the position seen in dotted lines, Fig. III, and suitably propped in such position as usual in connection with embalming-tables.

I claim as my invention—

1. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, a second end section free of direct connection to said central section, and throw-rods connecting said end sections and arranged to shift said second end section toward and away from said central section when said first-named end section is unfolded and folded, substantially as set forth.

2. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, a second end section free of direct connection to said central section, throw-rods having leverage connection with said first-named end section, and means connecting said throw-rods and said second end section whereby said second end section is shifted toward and away from said central section and permitted to partake of swinging movement with respect to said central section when said first-named end section is swung with respect to said central section, substantially as set forth.



3. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, levers carried by said end section, throw-rods pivoted to said  
5 levers, a second end section free of direct connection with said central section, and means whereby said second end section is swingingly connected to said throw-rods, substantially as set forth.

10 4. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, levers carried by said end section, throw-rods pivoted to said  
15 levers, a second end section free of direct connection with said central section, means whereby said second end section is swingingly connected to said throw-rods, and means for directing the movement of said throw-rods, substantially as set forth.

20 5. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, levers carried by said end section, throw-rods pivoted to said  
25 levers, a second end section free of direct connection with said central section, means whereby said second end section is swingingly connected to said throw-rods, and guide-plates secured to said central section and serving to direct the movement of said throw-rods, substantially as set forth.

30 6. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, levers secured to said end section, throw-rods pivoted to said  
35 levers, a second end section free of direct connection to said central section, shift-bars uniting said throw-rods and said second end section, and means for directing the movement of said throw-rods, substantially as set forth.

40 7. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, levers secured to said end section, throw-rods pivoted to said  
45 levers, guide-plates secured to said central section, slide-links pivoted to said throw-rods and arranged to operate in said guide-plates, a second end section free of direct connection

to said central section, and shift-bars pivoted to said slide-links and to said second end section, substantially as set forth. 50

8. In a folding embalming-table, the combination of a central section, an end section hinged to said central section, levers secured to said end section, throw-rods pivoted to said  
55 levers, guide-plates secured to said central section, slide-links pivoted to said throw-rods and arranged to operate in said guide-plates, a second end section free of direct connection to said central section, shift-bars pivoted to said slide-links and to said second end section, 60  
and guard-plates secured to said central section and arranged to overlap said throw-rods adjacent to said first-named end section when said sections are in alinement with each other, substantially as set forth. 65

9. In a folding embalming-table, the combination with the table-sections, of supporting-legs, links swingingly connecting said legs to the sides of said sections, and braces having hinged connection with said legs and with  
70 the ends of said sections, substantially as set forth.

10. In a folding embalming-table, the combination with the table-sections, of supporting-legs, links swingingly connecting said legs  
75 to the sides of said sections, braces having hinged connection with said legs and with the ends of said sections, and catch-rods carried by said legs and arranged for engagement with said sections to hold the legs in unfolded  
80 positions, substantially as set forth.

11. In a folding embalming-table, the combination of table-sections, pairs of legs for supporting said sections, cross-bars uniting  
85 each pair of legs, links pivoted to the upper ends of said legs and to the sides of said sections, and braces hinged to the ends of said sections and to the cross-bars connecting the pairs of legs, substantially as set forth.

COURTNEY C. ALDRICH.

In presence of—

BLANCHE HOGAN,  
M. P. SMITH.