

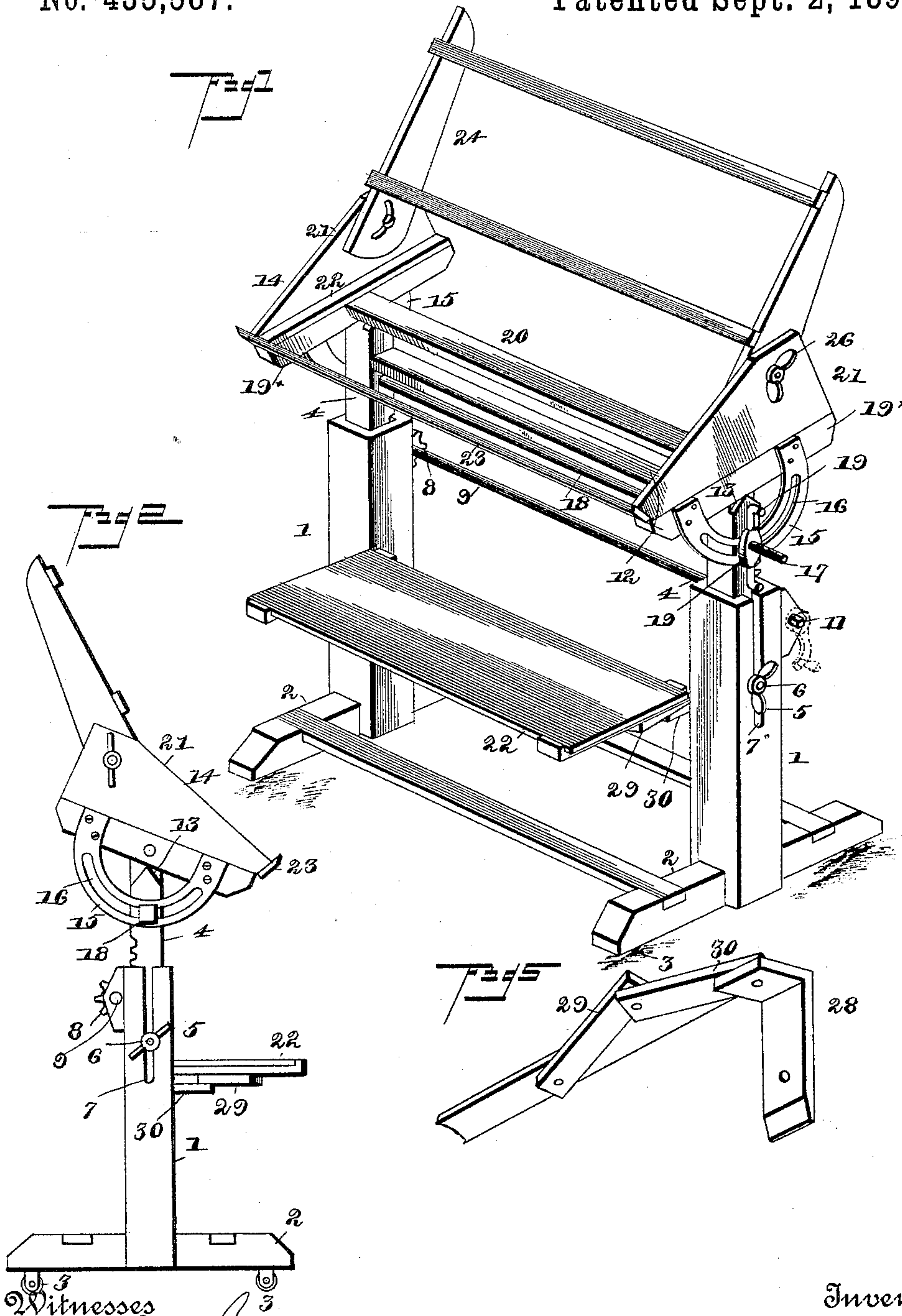
(No Model.)

2 Sheets—Sheet 1.

P. C. JOHNS.
TYPE CASE STAND.

No. 435,587.

Patented Sept. 2, 1890.



Witnesses

John Smith
St. J. Riley

Inventor

Paris C. Johns

By his Attorneys

C. A. Snow & Co.

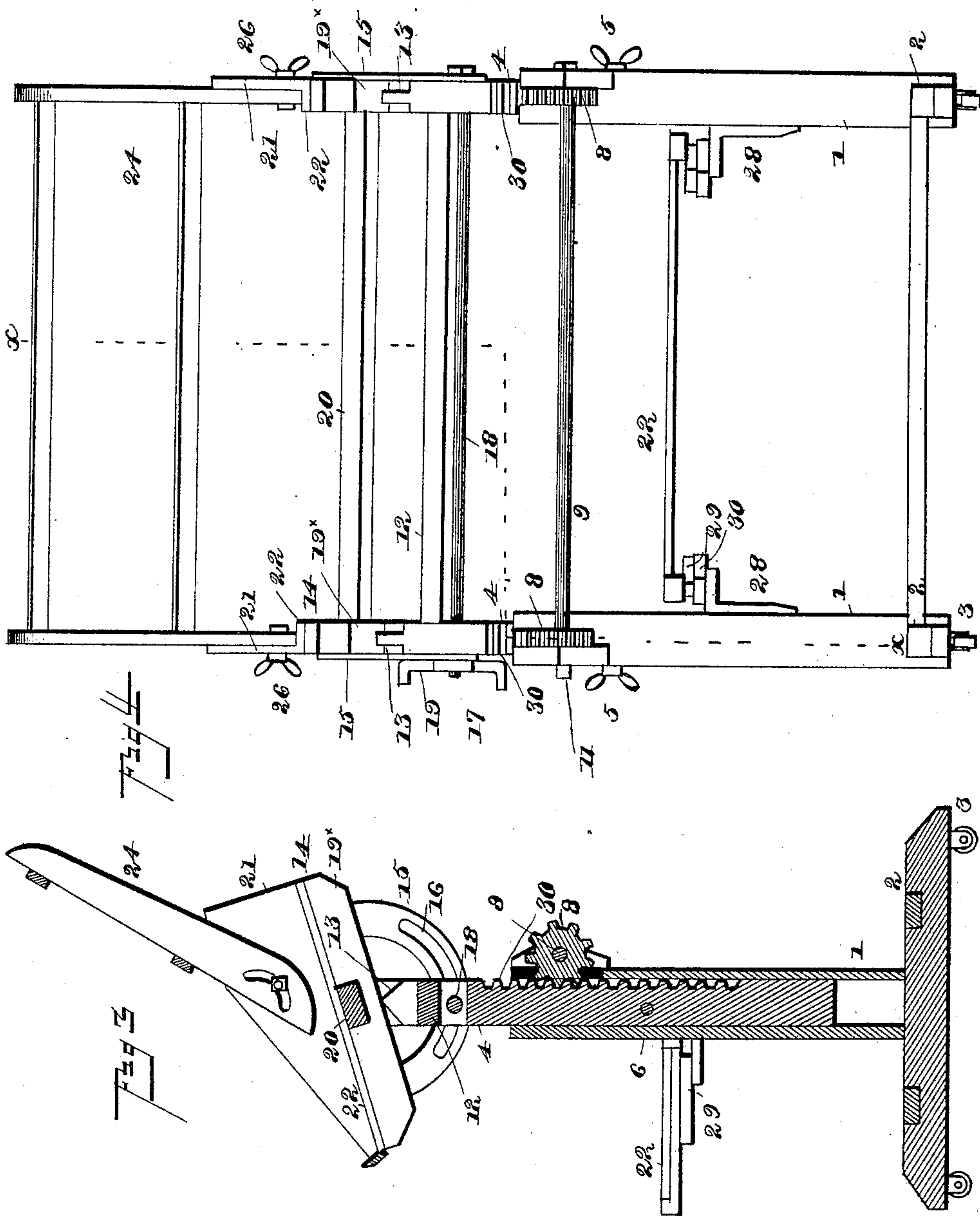
(No Model.)

2 Sheets—Sheet 2.

P. C. JOHNS.
TYPE CASE STAND.

No. 435,587.

Patented Sept. 2, 1890.



Witnesses

John Linnie
H. F. Riley

Inventor

Paris C. Johns

By his Attorneys

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

PARIS C. JOHNS, OF MARTINSVILLE, INDIANA.

TYPE-CASE STAND.

SPECIFICATION forming part of Letters Patent No. 435,587, dated September 2, 1890.

Application filed December 21, 1889. Serial No. 334,501. (No model.)

To all whom it may concern:

Be it known that I, PARIS C. JOHNS, a citizen of the United States, residing at Martinsville, in the county of Morgan and State of Indiana, have invented a new and useful Type-Case Stand, of which the following is a specification.

The invention relates to improvements in type-case stands.

10 The object of the present invention is to provide a type-case stand of simple and inexpensive construction adapted to be adjusted to any desired height to suit the compositor and capable of having its type-cases
15 arranged at any desired inclination.

The invention consists in the construction and novel combination and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and pointed
20 out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a type-stand constructed in accordance with the invention. Fig. 2 is a side elevation. Fig. 3 is a transverse sectional view
25 on line *xx* of Fig. 4. Fig. 4 is a rear elevation. Fig. 5 is a detail view of the bracket.

Referring to the accompanying drawings, 1 1 designate vertical standards, which are mounted on a suitable horizontal frame 2, that
30 is provided at its corners with casters 3, to enable the frame to be readily moved about without necessitating the removal of the type-cases.

The standards 1 1 are hollow and are adapted to receive vertically-movable rack-bars 4, which are retained in any desirable position by thumb-nuts, which engage the threaded
35 ends of pins 6, that project out laterally from the vertically-movable rack-bars and extend through vertical slots 7 of the standards, and
40 the thumb-nuts 5 bind against the standards and prevent the rack-bars 4 slipping.

The rack-bars 4 are provided with teeth 30 and operated and moved vertically by pinions
45 8 8, which are mounted upon a horizontal shaft 9, that is journaled in suitable bearings bolted to the vertical standards near their upper ends. One end 11 of the shaft is squared, and is designed to be engaged by a suitable
50 crank-handle.

The rack-bars 4 are connected near their

upper ends by a cross-piece 12 and have their ends rabbeted upon each side, and shoulders 13 are beveled from the middle to enable a type-case frame 14, pivoted to the ends, to be
55 tilted upon either side of the standards 1 1; and to maintain the type-case frame at any desired inclination curved plates 15 are provided, which are arranged at the ends of the type-case frame and have their ends secured
60 thereto and are provided with longitudinal curved slots 16, through which extend the ends 17 of a horizontal bar 18, that is arranged beneath the cross-piece 12 and is mounted in the upper ends of the rack-bars 4. The ends
65 17 are threaded and are provided with thumb-nuts 19, which engage the curved plates and retain the type-case frame at any desired inclination.

The type-case frame 14 consists of the side
70 bars 19, which are connected by a central bar 20 and are provided with sides 21, which have flanges 22, by means of which the sides are secured to the side bars 19. An inclined strip
75 23 is secured to the front ends of the strips and prevents a type-case slipping off the frame.

The type-case frame 14 is provided with a supplemental frame 24, which is adjustable to any desired inclination and is designed to hold the type-case containing capital letters.
80 The supplemental frame is pivoted to the frame 14, and is provided with curved slots, in which are arranged set-screws 26, whereby the frame is securely held in any desired position.
85

The type-case stand is provided with a rest for the form, which rest is arranged beneath the type-case frame and between the standards, and is adapted to be pushed back under the type-case frame when not in use, and
90 drawn out to suit the compositor.

The rest consists of a shelf 27, which is secured to brackets 28 by means of pairs of hinged bars 29 and 30, which are pivoted together at their adjacent ends and have their
95 farther ends pivoted, respectively, to the shelf and the brackets.

From the foregoing it will readily be seen that the type-case stand is simple and inexpensive in construction, that it is adapted to
100 be adjusted to suit the compositor, that its frames for holding the type-cases can be ar-

ranged at any desired inclination, and that it can readily be moved from one place to another without necessitating the removal of the type-cases and without liability of spilling the type from one compartment into another.

What I claim is—

1. In a type-case stand, the combination of the standards, the vertically-movable rack-bars, the type-case frame pivoted to the rack-bars, and the supplemental frame pivoted to the type-case frame and adapted to be adjusted at any desired inclination, substantially as described.

2. In a type-case stand, the combination of the standards, the vertically-movable rack-bars, the main type-case frame pivoted to the rack-bars, and the supplemental frame pivoted to the main frame and provided with curved slots and set-screws adapted to retain the supplemental frame at any inclination, substantially as described.

3. In a type-case stand, the combination of

the standards, the type-case frame arranged at the top of the standards, the brackets 28, arranged between the standards and secured thereto, the shelf, and the hinged bars pivoted to the shelf and to the brackets, substantially as and for the purpose described.

4. In a type-case stand, the combination of the standards, the vertically-movable rack-bars, the cross-piece 12, connecting the rack-bars, the type-case frame pivoted to the rack-bars, the plates secured to the type-case frame and provided with curved slots, and the horizontal rod having threaded ends extending through the curved slots and nuts to engage the same plates, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

PARIS C. JOHNS.

Witnesses:

S. M. SEATON,
W. L. MOORE.