E. KAUFMANN & R. J. HOLT.

SUPPORTING MEMBER FOR TABLES AND OTHER ACCESSORIES.

APPLICATION FILED FEB. 3, 1913. RENEWED AUG. 2, 1915.

1,152,103. Patented Aug. 31, 1915.

Fig. 1.

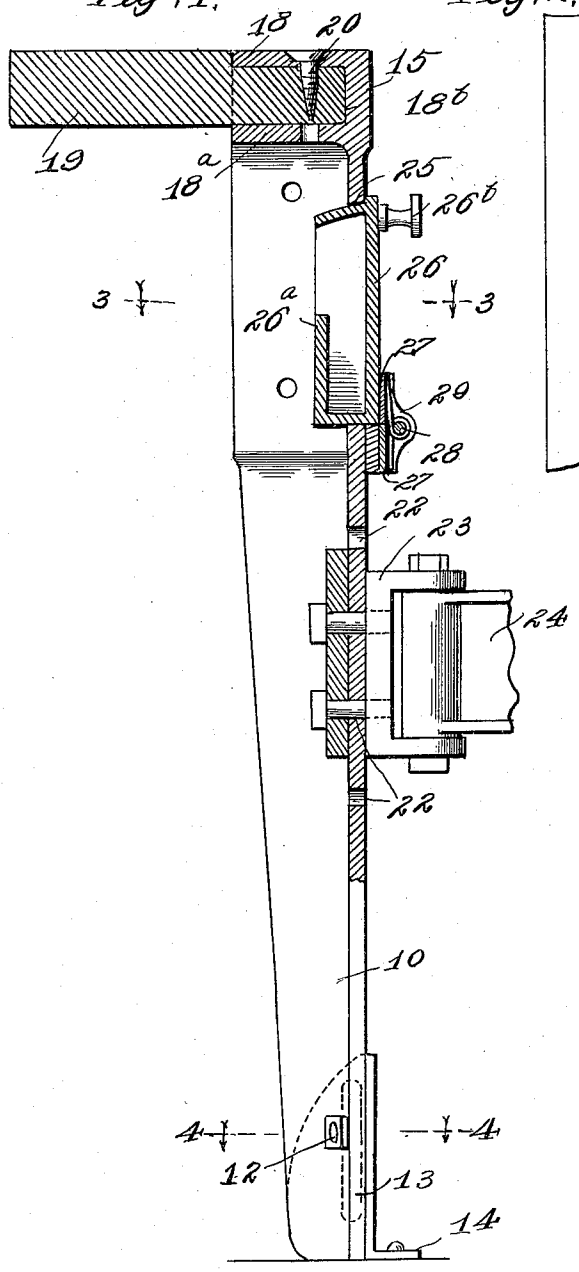


Fig. 2.

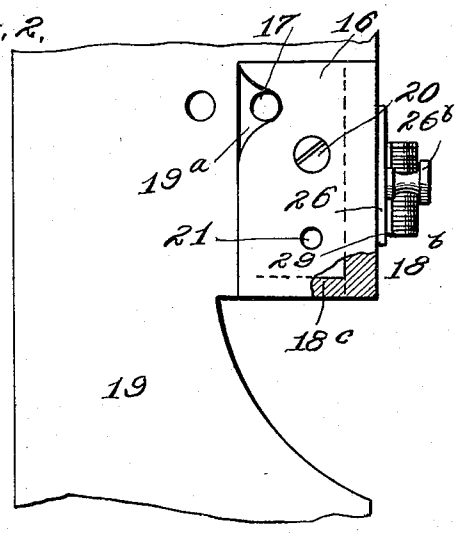


Fig. 3.

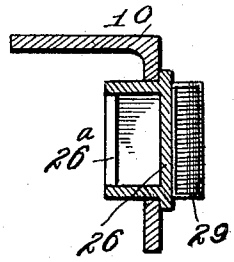
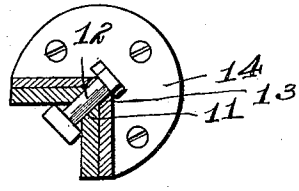


Fig. 4.



WITNESSES

G. A. Rauberschmidt,

M. E. Lowry.

INVENTORS

Emanuel Kaufmann,

Robert J. Holt,

By A. M. Wilson Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EMANUEL KAUFMANN AND ROBERT J. HOLT, OF ATLANTA, GEORGIA; SAID HOLT ASSIGNOR TO SAID KAUFMANN.

SUPPORTING MEMBER FOR TABLES AND OTHER ACCESSORIES.

1,152,103. Specification of Letters Patent. **Patented Aug. 31, 1915.**

Application filed February 3, 1913, Serial No. 745,943. Renewed August 2, 1915. Serial No. 43,349.

To all whom it may concern:

Be it known that we, EMANUEL KAUFMANN and ROBERT J. HOLT, citizens of the United States, and residing at Atlanta, in the county of Fulton and State of Georgia, have invented certain new and useful Improvements in Supporting Members for Tables and other Accessories, of which the following is a specification.

The present invention relates to improvements in supporting members for tables and other accessories adapted to be used in connection with table structures of the type disclosed in the application of Emanuel Kaufmann, filed Feb. 3, 1913, Serial No. 745,937 in which there is disclosed a supporting structure for machines, etc., and the accessories for seating the operator and controlling the mechanism for operating the machinery.

The present invention relates more particularly to the specific structure of the supporting member itself.

The objects of the invention are to provide a construction such as will permit the machine head to be mounted directly upon the top of the member, to secure the table portion for the particular machine head to the supporting member without causing the table to act as a support for the head, and to provide means for supporting the accessories for the operator on the supporting member itself.

Other and further objects are to provide a construction which is durable in construction, capable of providing for adjustments as to height, etc., which can be readily assembled, and which can be manufactured at a comparatively low cost.

To these and other ends, the nature of which will be readily understood, as the invention is hereinafter disclosed, said invention consists in the improved construction and combination of parts hereinafter fully described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

In the accompanying drawings, in which similar reference characters indicate similar parts in each of the views: Figure 1 is a view, partly in section and partly in elevation of a supporting member in the form of a leg constructed in accordance with the present invention, the table being shown in section. Fig. 2 is a top plan view of the same. Fig. 3 is a sectional view taken on the line 3—3 of Fig. 1. Fig. 4 is a sectional view taken on the line 4—4 of Fig. 1.

The supporting member of the present invention while more particularly designed for use in connection with structures of the type referred to in the application above identified, it will be understood that the same may be employed in connection with other devices. For the purpose however, of indicating one of the uses, it is disclosed herein as a part of the structure of the application referred to.

The supporting member is preferably in the form of a leg and has its main portion preferably formed angular in cross-section, the member being indicated at 10. The lower end of the member is provided with an opening 11 for the passage of a bolt 12, the latter being adapted to extend through a slot 13 formed in a foot 14, this construction permitting vertical adjustment of the supporting member, and also permitting of the removal of the entire structure by a removal of the bolts 12 of the various supporting members, such removal not affecting the feet 14 which are intended to be secured to the floor. It will be understood, therefore, that the entire structure may be removed as a unit, leaving the feet in position on the floor, and again returned to the exact position occupied by it prior to the removal.

The upper end or head of the member, indicated at 15, has a flat upper face 16 of suitable area, being cut away as at 17 to provide for the passage of a belt to the machine head. The head 15 is formed with upper and lower walls 18 and 18^a respectively, said walls in connection with the vertical wall 18^b and the web 18^c, the latter being located at an end of the web, forming a socket-like arrangement, with one end and side closed and the other end and side open. This socket is adapted to receive the table member 19, the latter having a cut-out portion indicated at 19^a to pass within the socket, the top plane of the table being substantially on the top plane of the head, while the side edges of the table extend approximately to the plane of the outer side of the head. The

table is cut-away at one end of the head, as is usual in table structures of the kind indicated, thus leaving the closed end of the head exposed. By this arrangement, it will be seen that while the upper face of the table complete practically corresponds to the general type of table structures for this purpose, so far as area is concerned, that portion of the table structure which forms the actual support for the machine head is of metal and provides for supporting the head directly from the floor and making a solid and substantial support for the machine head, all vibrations of which are practically retained in the member itself, and not communicated to adjacent members, such as would be the case if the head were secured to the usual table top.

The table 19 may be held in position by suitable means, a screw 20 being shown for that purpose, and additionally, the head and table provided with an opening 21 by means of which the head may be secured in position through the employment of a suitable bolt or other structure adapted to extend through the base of the machine head and the head 15. If desired, the securing may also be through the substitution of a bolt for the screw 20, thus providing two spaced apart bolts for holding the machine head in position, but through the cut-away portion of the table 19 and the exposed closed end of the head 15, there is provided a face which can co-act with the under face of the machine head in such manner as to prevent shifting of the machine head on the securing bolt passing through the opening 21.

The vertical webs forming the angles of the member are preferably provided with perforations and openings arranged at proper points, it being intended that the member below the head shall carry the means for connecting up and operating the head, thus still retaining the moving parts of the mechanism on the head structure and thus prevent the vibrations from being communicated through the table 19. Some of these perforations are indicated at 22, these being adapted to receive bolts carried by a bracket 23 which is adapted to form a support for a swinging arm 24, the latter carrying the operator's seat which is thus arranged to swing on a vertical axis. The specific arrangement of the arm and seat is not disclosed herein as the same forms the subjects matter of companion applications. It is sufficient at this point to state that the perforations 22 permit of adjustments of the bracket 23 by means of which the height of the seat may be varied.

At a point preferably intermediate the bracket 23 and the head 15, we form an opening of suitable width and length, and indicated at 25, said opening being adapted to receive a pivotally-mounted receptacle 26, the latter being connected to ears 27 carried by the legs and being normally retained in closed position by means of a spring 28. The receptacle 26 is preferably formed with a closed front side and end walls, and an inner wall 26^a extending upwardly from the bottom to a point intermediate the end walls of the receptacle forming the top and bottom thereof shown in Fig. 1. This provides for an opening at a point spaced from the bottom of the receptacle, and this opening permits of the insertion and taking out of accessories for the operator, such as bobbins, needles, pins, etc., these being carried by the receptacle with the latter normally in the position shown in Fig. 1. When the operator desires to substitute any of the parts of the machine head which are carried by this receptacle, it will be necessary only to swing the receptacle outwardly to a point where the outer wall will incline slightly downwardly from the pivot, whereupon the contents of the receptacle will pass to a position below the opening and in convenient position for removal. By releasing the handle indicated at 26^b, the spring 28 will return the receptacle to its normal position. In this manner these accessories are not only retained at a convenient position, but at a point where they are not liable to become effected by movements of goods, or the operator; in addition, they are retained at a point where the lint, etc., is not so liable to enter, and through the particular manner in which it is mounted, there is no liability of the receptacle being disturbed through the vibrations of the machine head.

As will be readily understood, the supporting member practically forms the support for the component parts of the table structure, with the parts arranged so as to provide for maximum efficiency in operation of the structure, and at the same time be durable in construction and easy to manufacture.

While we have herein shown and described one form in which our invention may be applied, it will be readily understood that changes and modifications therein may be required or desired to meet the exigencies of use, and we therefore desire it to be understood that we reserve the right to make any and all such changes and modifications as may be required or desired to meet these conditions in so far as the same may fall within the spirit and scope of the invention as expressed in the accompanying claims.

What is claimed as new is:—

1. A supporting element for machines comprising a leg having a head formed with a flat upper surface to receive the machine and also having a socket beneath said surface, and a table recessed to fit said socket and provide a seat for the upper wall of the socket, whereby the plane of said head

surface corresponds to that of the top face of the table, whereby the machine will be supported on said head.

2. A supporting element for machines comprising a leg angular in cross-section and having a head provided with a relatively flat top surface, a wall opposing said top wall and spaced therefrom, adjacent faces of the head being closed and opposing open faces thereof to form a socket, said head having an opening adapted to permit the passage of securing means for securing a machine head direct to said upper surface.

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

EMANUEL KAUFMANN.
ROBERT J. HOLT.

Witnesses:
HUGH A. MOSES,
D. H. DOUGHERTY, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."