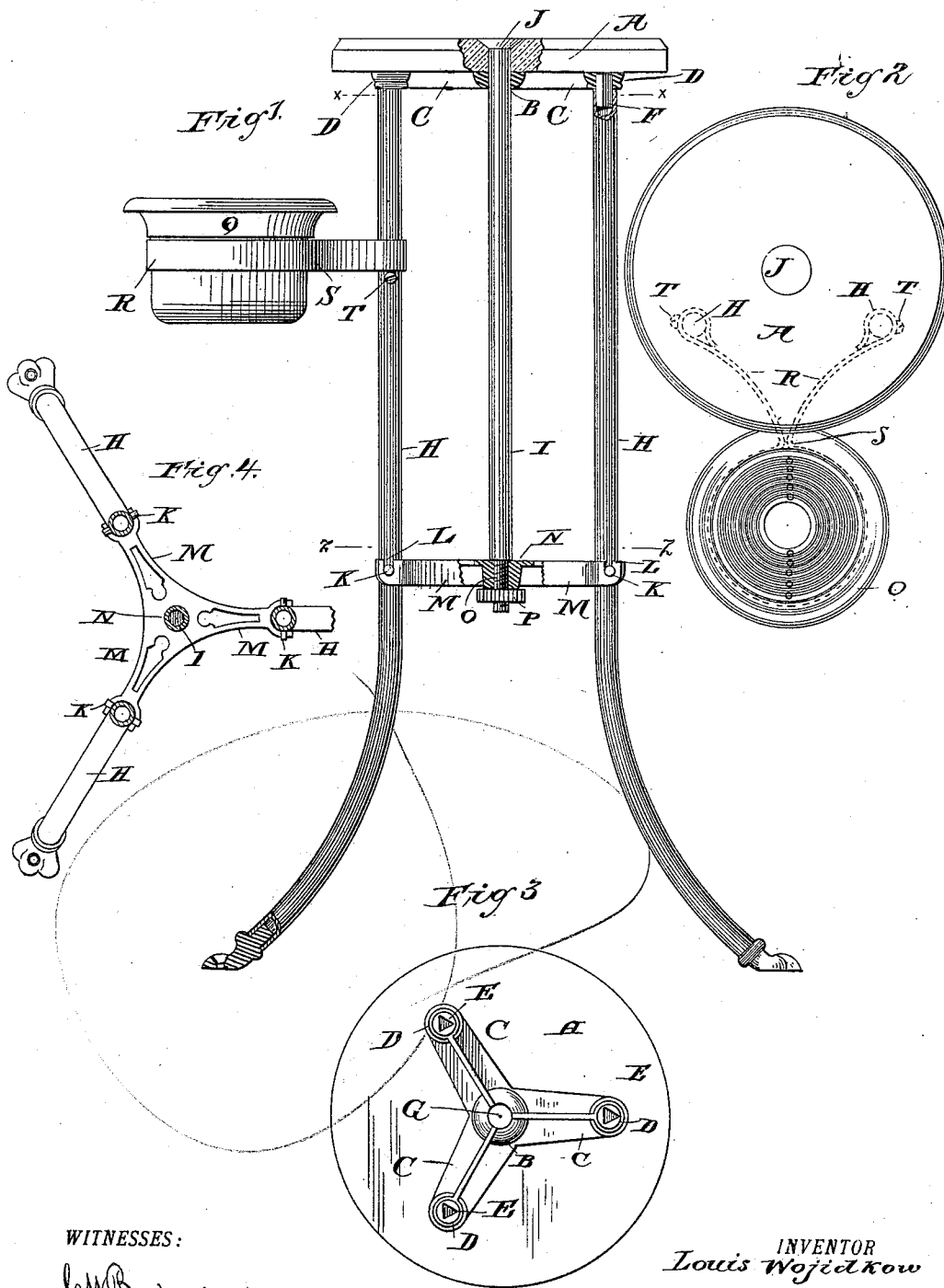


(No Model.)

L. WOJIDKOW.
STAND.

No. 416,283.

Patented Dec. 3, 1889.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LOUIS WOJIDKOW, OF NEW YORK, N. Y., ASSIGNOR TO S. STERNAN & CO.,
OF SAME PLACE.

STAND.

SPECIFICATION forming part of Letters Patent No. 416,283, dated December 3, 1889.

Application filed May 10, 1889. Serial No. 310,248. (No model.)

To all whom it may concern:

Be it known that I, LOUIS WOJIDKOW, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Stands, of which the following is a specification.

My invention relates to improvements in light stands or tables designed especially for supporting water-coolers, busts, vases, &c., and which are known in the trade by the term "knockdown," and which consists, essentially, in providing a structure that can easily and with great facility be assembled by any person of competent ability and dismembered again without bringing into requisition any special knowledge or appliances. By my construction I secure the advantageous features of being able to dismember the structure, pack it into a smaller space, either for storage or shipping, and thereby save freightage, as well as reducing the chances of breakage during transportation or erection, and providing a much stronger and lighter structure.

It also consists in a novel method of attaching and supporting a drip-cup to the frame of the stand, but which I do not herein claim.

My invention further consists in the details of construction illustrated in the drawings and hereinafter described, and pointed out in the appended claims.

In the drawings, Figure 1 is a side elevation of my invention, showing several portions in sections; Fig. 2, a plan view of the top of the stand, showing a drip-cup attached; Fig. 3, a bottom view of the top and sole plate attached, taken on the line *x x*, Fig. 1; and Fig. 4, a plan view of the stand legs and straddles taken on the line *z z*, Fig. 1.

Similar letters refer to similar parts throughout the several views.

In the drawings A, is the top plate, upon which the article to be supported rests. To the under side of this plate is bolted or otherwise suitably attached a "sole-plate" B, so called, which is in this case formed of three outwardly-projecting arms C C C. The number of arms may be varied according to the fancy of the trade or manufacturer to accommodate the number of legs desired, as my invention is capable of use with any number;

or the plate B may be made in one piece, and made of metal or other suitable material. At the end of each of the arms C, I provide an enlargement D, in which mortises E are formed for the reception of the tenons F. The sole-plate B is provided with a centrally-located opening G, as is also the plate A, the two being so located as to align with each other.

H are the legs or supports, which are connected directly with the sole-plate B by means of the tenons F, which enter the hollow ends of each of the legs H. The tenons may be permanently fixed either within the mortises E or the ends of the legs H; but I prefer to fix them within the mortises E.

Through the opening G in the sole-plate B and a like opening in the plate A is passed a bolt I, provided with an enlarged head J, which is seated within a countersink provided for it in the plate A.

At any suitable distance below the top of the stand I locate pins or lugs K, which may be integral with the legs H, with which engage the slots L in the ends of the bifurcated arms M of the straddle N. This straddle is provided with a centrally-located opening, through which passes the screw end O of the bolt I, carrying the nut P, by which the plate A and the straddle N, through the medium of the bolt I, are moved toward each other sufficiently to hold the whole frame together.

In Figs. 1 and 2 is shown my method of applying a support for the drip-cup Q to the stand, but which forms no part of the claim herein. The support is made of a band of metal or other suitable material R, which encircles the drip-cup, coming together at a point nearest to the stand, as at S, and converging till it encounters the legs H H of the stand, which it then encircles, the ends of the band meeting, or substantially so, after so passing around the legs H H. The band R is preferably made of metal having sufficient "spring" to keep the drip-cup and legs H H encircled with a sufficient degree of tightness that the drip-cup will be held in position and the legs H H tightly grasped. I support the band R at any suitable position on the legs H in relation to the article supported by means of the studs T, upon which the band R rests

When it is desired to take the stand to pieces for the purpose of shipping, storing, &c., all that is necessary to be done is to unscrew the nut P, removing it, which will then permit the straddle N to fall and the bolt I to be removed. Then the plate A can be lifted out of engagement with the legs H, and the band R likewise. To reassemble the stand again, the band R is passed over any two of the legs H, and they in their turn are engaged with the plate A, the bolt I passed through the opening in it, the straddle N placed in position, and by screwing up on the nut P the whole structure is again complete. The band R need not of necessity be used; but if it is then the drip-cup Q may be placed within it at any desired time.

Of course the before-mentioned steps for assembling and dismembering the structure may be varied at will, as also the particular shape or position of the various parts. There also may be any number of legs and a corresponding change in the sole-plate or the means of engaging the plate A with the legs H—as, for instance, the tenons F may be affixed to the plate A and the legs H made to engage directly with them, instead of with an intervening element. It is also not essential that the drip-cup should be used, as my stand may be employed for various purposes not requiring the presence of such an element, and I

therefore do not limit myself to a stand having in combination the said drip-cup; but

What I claim, and desire to secure by Letters Patent, is—

1. In a table or like article, the combination of a table-top, legs or supports H, detachably attached to the table-top, a straddle N, provided with projections or arms M, said arms having slots at their ends, pins or lugs K, attached to the legs and which engage with the slots of the arms M, and bolt I, detachably secured to the table-top and straddle N, substantially as described.

2. In a table or like article, the combination of a plate A, a sole-plate B, attached to the plate A, legs or supports H, which engage at their upper ends with the sole-plate B by means of tenons, substantially as described, a straddle N, provided with arms or projections M, which have slots at their ends and which engage with pins or lugs on the legs, and a bolt I, detachably secured to the table-top and straddle, substantially as described.

Signed at New York, in the county of New York and State of New York, this 7th day of May, A. D. 1889.

LOUIS WOJIDKOW.

Witnesses:

S. STERNAN,
JOSEPH L. LEVY.