D. M. WRIGHT.

TIMPANO SUPPORT.

APPLICATION FILED JUNE 10, 1912.

1,104,236. Patented July 21, 1914.

Fig. 1.

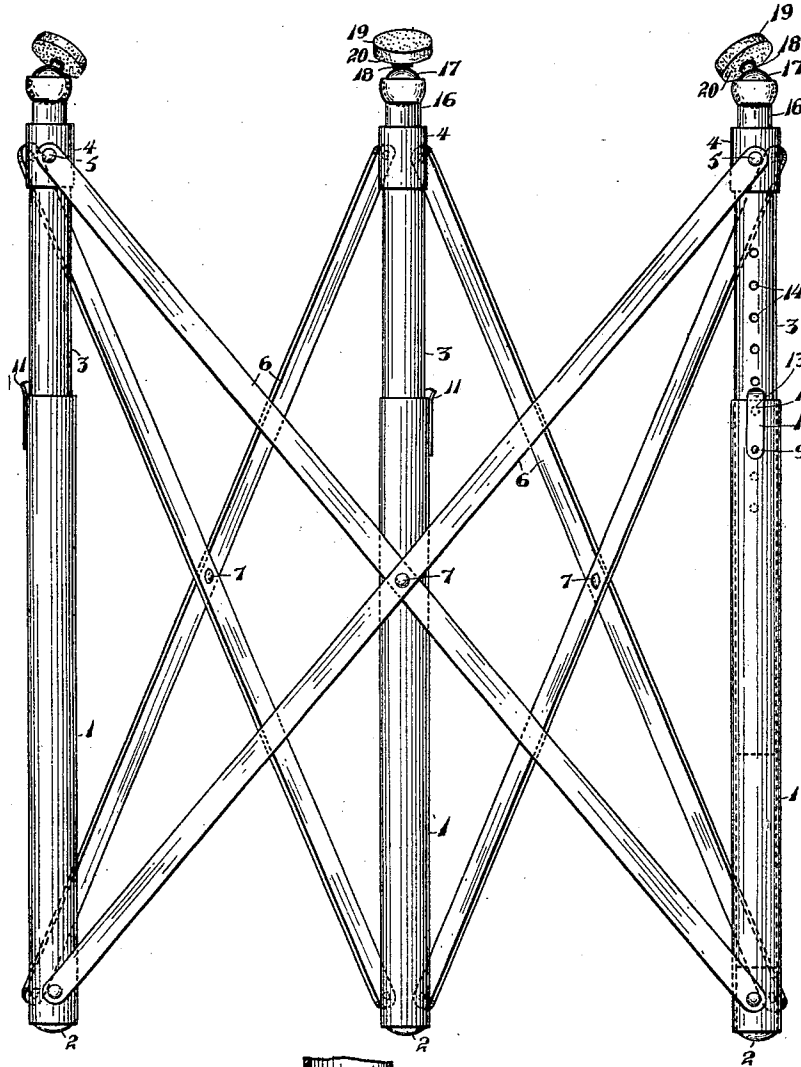


Fig. 2.

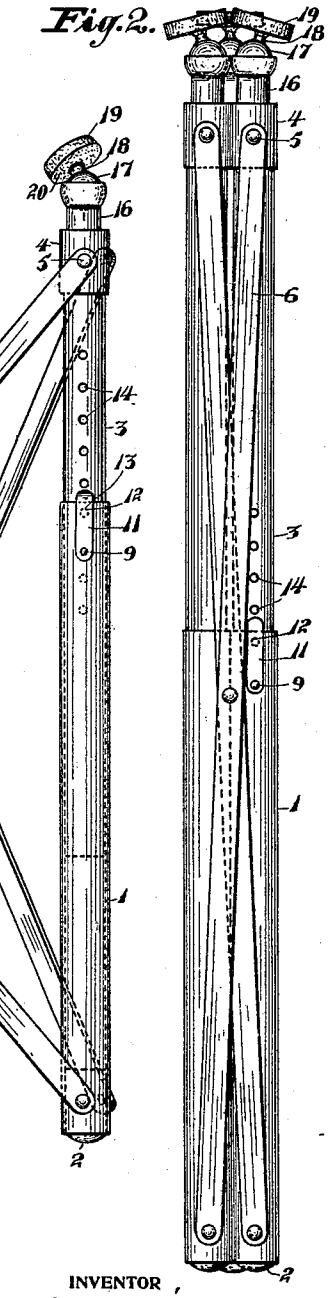
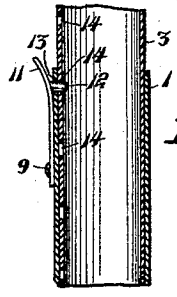


Fig. 3.



WITNESSES

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TIMPANO-SUPPORT.

1,104,236. Specification of Letters Patent. Patented July 21, 1914.

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To all whom it may concern:

Be it known that I, DEXTER M. WRIGHT, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Timpano-Supports, of which the following is a specification.

The present invention relates to a support for timpani, the object of the invention being to provide such a support which can be conveniently and rapidly collapsed into small compass thereby rendering it more readily portable, and which can be extended and adjusted to support timpani of any desired size.

In the accompanying drawing, Figure 1 is a side view of my improved support extended for use; Fig. 2 is a similar view of the same collapsed; Fig. 3 is an enlarged broken vertical section of one of the legs of the support.

Referring to the drawing, 1 indicates three outer tubes, in the lower ends of which are secured shoes 2 and in which can slide respectively three inner tubes 3, having secured around their upper terminal portions collars 4. To each collar 4 are pivotally attached, as shown at 5, the upper ends of links 6, which extend divergently downward and outward, and the lower ends of which are pivotally attached to the lower ends of the two tubes 1 other than that immediately below said collar 4. The six links thus connected to said tubes 1 and collars 4 are, by pivots 7, pivotally connected to each other in pairs at their centers. It will now be readily understood that each standard, consisting of the outer tube 1, inner tube 3 slidable therein, and collar 4 upon the inner tube, can be extended from the other standards by merely drawing them outward from one another, the inner tube sliding downwardly within the outer tubes; and, conversely, the standards can be collapsed by compressing them toward one another, the links turning on their pivots, and the inner tube sliding upwardly or outwardly within the outer tubes.

To secure them in any one of several positions to which they have been so extended, there is pivotally connected, as shown as 9, to each outer tube near the upper end thereof, a spring finger 11 having at its free end an inwardly extending stud 12, which, when the finger is directed vertically upward, can extend through a hole 13 formed in the outer tube 1, and through any one of a series of holes 14 formed in the inner tube 3. When said studs so extend through said holes, the inner tubes are securely supported within the outer tubes, and can sustain a timpano thereon. To collapse or adjust the support the studs are withdrawn from said holes, and the fingers are then turned on their pivots so as to prevent said studs engaging the holes in the inner tubes as the inner tubes move in the outer tubes, and when said inner tubes having been moved to the desired position, said fingers are again turned on their pivots to permit the studs to again engage said holes. In the upper ends of the inner tubes are secured socket pieces 16 having sockets for balls 17, which are connected by upwardly extending necks 18 to shoes 19 covered with any suitable yielding material 20 such as chamois, leather, on which shoes the timpano can rest, the yielding material preventing abrasion of the surface of the timpano.

From the above description of the invention its utility will be readily understood.

It is obvious that instead of connecting the upper ends of the links to the upper ends of the inner tubes indirectly, that is, by the interposition of collars, the collars may be omitted and the upper ends of the links may be connected directly to the upper ends of the inner tubes; also that it is not essential that the inner tubes should be at the top and the outer tubes at the bottom, but these positions may be reversed.

I claim:—

1. A timpano support comprising standards, each consisting of upper and lower relatively slidable members, shoes for directly supporting a timpano, universal-joint connections between said shoes and the upper ends of the upper members, and links pivoted to one another in pairs and pivotally connected at their ends respectively to the lower ends of said lower members and the upper ends of the upper members.

2. The combination of three pairs of upper and lower relatively slidable members, links pivotally connected in pairs to one another and at their ends respectively to the upper ends of the upper members and the lower ends of the lower members, shoes for

directly supporting a timpano, and flexible connections between said shoes and the upper ends of the upper members.

3. The combination of three pairs of upper and lower relatively slidable members, links pivotally connected in pairs to one another and at their ends respectively to the upper ends of the upper members and the lower ends of the lower members, shoes for directly supporting a timpano, and ball and socket connections between said shoes and the upper ends of the upper members.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

DEXTER M. WRIGHT.

Witnesses:
FRANCIS M. WRIGHT,
D. B. RICHARDS.

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