

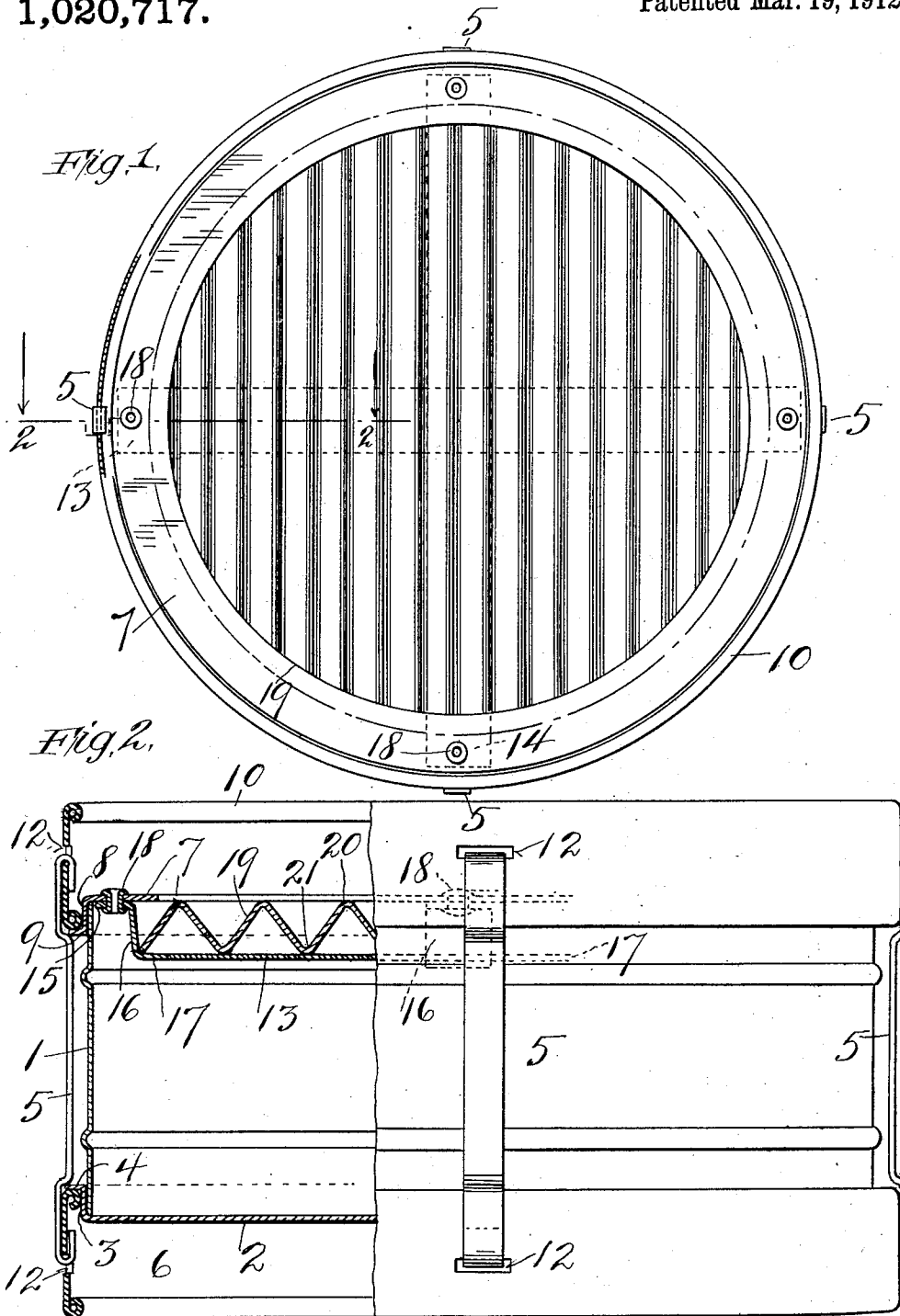
I. SCHLESINGER.

TOY DRUM.

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1,020,717.

Patented Mar. 19, 1912.



Witnesses:

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UNITED STATES PATENT OFFICE.

ISAAC SCHLESINGER, OF NEW YORK, N. Y., ASSIGNOR TO LEO SCHLESINGER, OF NEW YORK, N. Y.

TOY DRUM.

1,020,717.

Specification of Letters Patent. Patented Mar. 19, 1912.

Application filed February 24, 1911. Serial No. 610,570.

To all whom it may concern:

Be it known that I, ISAAC SCHLESINGER, a citizen of the United States, and a resident of the city, county, and State of New York, have invented certain new and useful Improvements in Toy Drums, of which the following is a specification.

My present invention relates to improvements in toy drums, and the object thereof is to perfect the class of drum, shown and described in United States Letters Patent Number 913796, issued to Ernest Wolff, on the second day of March 1909.

The object of the present invention is to provide a corrugated head on either or both ends of the drum preferably only on one end, which can be sounded by simply drawing the drum stick across the head, rather than by a direct striking action. The purpose of this is to give the effect of "rolls", without the necessary skill required for that purpose on high class musical drums, by providing a series of corrugations in the head of the drum. A stick will strike from the top of one corrugation to the other and the rolling effect will be thus produced. This result was attempted by Wolff in his said United States patent and the object of present improvements is to construct the corrugation head loosely, rather than by fastening the head tightly upon the drum, so that more sound will be given and so that the sound will resemble the snare of the musical drum. On one end of the barrel I support the corrugated head loosely, but in such a manner that the head will not become disengaged from the drum. The device herein employed for supporting the head loosely is very simple and provides a very inexpensive construction.

In the drawing forming a part of this application; Figure 1, is a plan view of my improvements in the preferred form, a portion thereof being shown in section and, Fig. 2, is a section on the line 2—2 of Fig. 1.

I have shown a drum consisting of the body or barrel 1, preferably formed of sheet metal and of any desired or well known shape. On one end of the barrel I have provided a sheet metal head 2, having a flat surface and provided with a laterally extending flange 3, which fits over the edge of the body 1. The flange terminates in an outwardly extending web 4, and the rim 6, fitted tightly down on

the head and presses against the web 4, to hold the head tightly in place on the drum body. At the other end of the drum body I have provided an annular ring 7, which has a downwardly extending web 8, at the outward extremity and this flange is for a similar object to the flange 3, of the head 2. Likewise this flange has an outwardly extending web 9, and a second rim 10, is fitted over the flange 8, and pressed against the web 9, and this holds the ring 7, tightly in place. For securing the rims 6 and 10, together, for the purpose of retaining the parts of the drum, I have provided clamps 5, at intervals about the drum, the ends of which are passed through apertures 12, in the rims 6 and 10, and afterward turned over to secure the parts together. The particular formation and arrangement of the clamps is not claimed herein as the same form the subject matter of a separate application now pending in the Patent Office.

To the ring, which I preferably form of sheet metal, I have secured straps 13 and 14, which are here shown extending at right angles to each other and therefore crossing near the center of the drum. These straps consist of the horizontal web 15, downwardly extending flange 16 on each end and the flat strips 17, which extend across the diameter of the drum. The webs 15 are preferably secured to the ring 7 by means of eyelets 18 which form an inexpensive connection for these parts and which can be quickly applied.

Between the ring 7 and the straps 17, I have provided the corrugated head 19, which lies between these parts, loose enough to permit the free vibration of the head, when it is struck with the drum stick. The head 19, is preferably corrugated with longitudinal parallel raised portions 20 and intermediate depressions 21 thus forming regular equal corrugations though the form of the corrugations may be varied. When the drum stick is drawn across the corrugated head at right angles to the direction of the corrugations the stick will strike the raised portions 20, and by passing from one to the other separate sounds will be produced as it strikes each one of the raised portions and there will thus be produced a series of sounds resembling more or less the "roll," produced by skilled users of musical drums, in addition to the increased

sound caused by the freely vibrating head. The vibrations of the head give a sound resembling the effect produced by the snare on musical drums.

5 The construction herein shown and described is very simple and provides a drum which can be sold in competition with drums having a plain head since the difference in cost of manufacture is very slight, I preferably apply the corrugated head to one end of the drum and a plain head on the opposite end, but it will be apparent both ends may be provided with the corrugated head if desired. The broad object of my invention is to support the head loosely so that its free vibrations will give the results desired.

Having described my invention what I claim is;

20 1. A toy drum comprising a body, a corrugated head therefor, and means for loosely attaching the said head to the body whereby

the head will be free to vibrate relatively to its supporting means.

2. A toy drum comprising a body, a corrugated head therefor having parallel straight corrugations for the purpose set forth, and means for loosely holding the said head, whereby the latter will be free to vibrate relatively to its supporting means. 25 30

3. A toy drum, comprising a body, an annular ring, straps secured to the said ring and extending across the drum, a head having corrugations for the purpose set forth, said head being loosely supported between said straps, and ring, and arranged to vibrate freely, and means for securing said annular ring to the body. 35 40

Signed at the city, county and State of New York, this 21st day of February, 1911. 40
ISAAC SCHLESINGER.

Witnesses:

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