

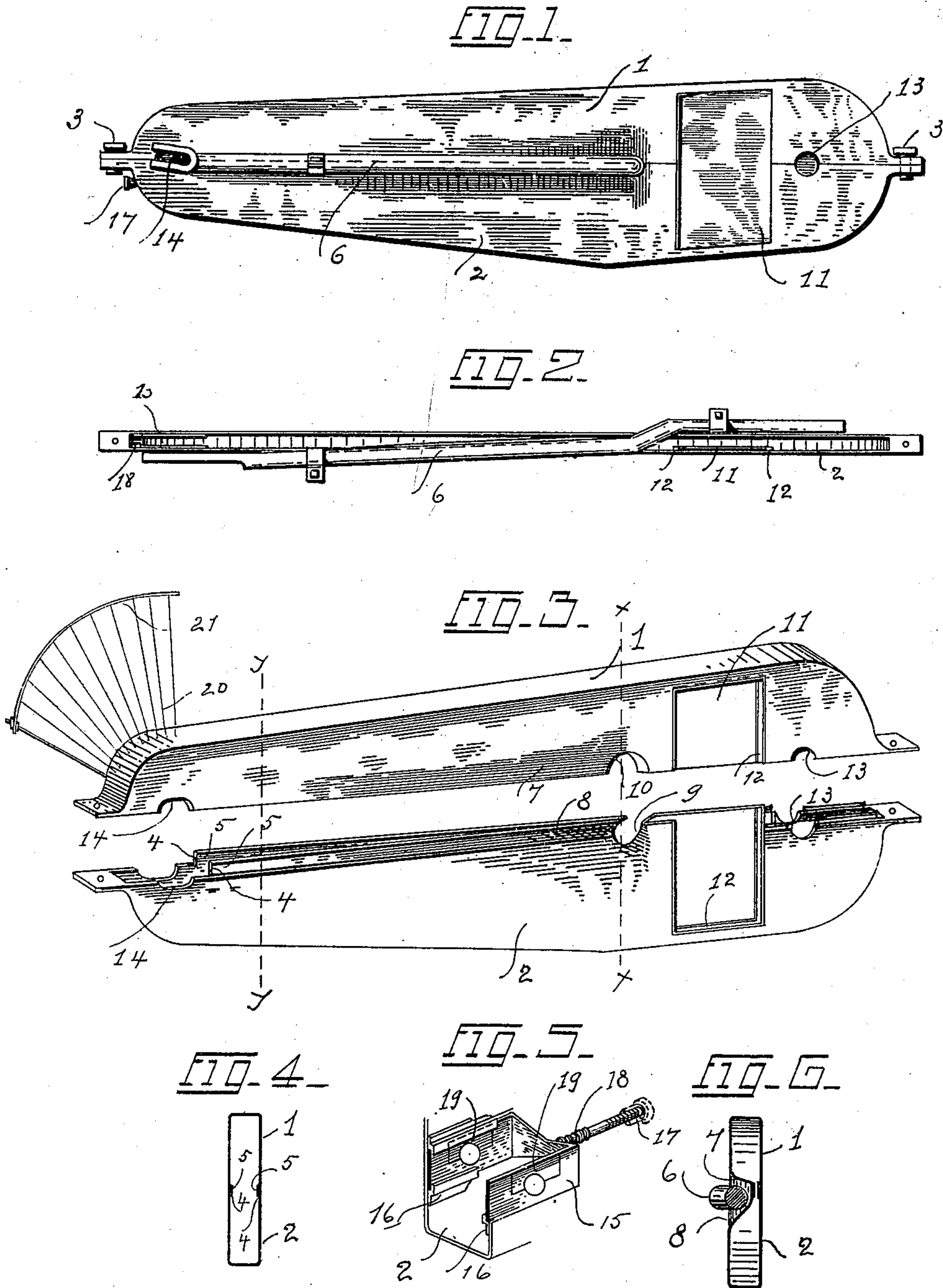
(No Model.)

2 Sheets—Sheet 1

J. D. PARKE & J. S. LAMB.
DUST AND DRESS GUARD.

No. 599,192.

Patented Feb. 15, 1898.



WITNESSES

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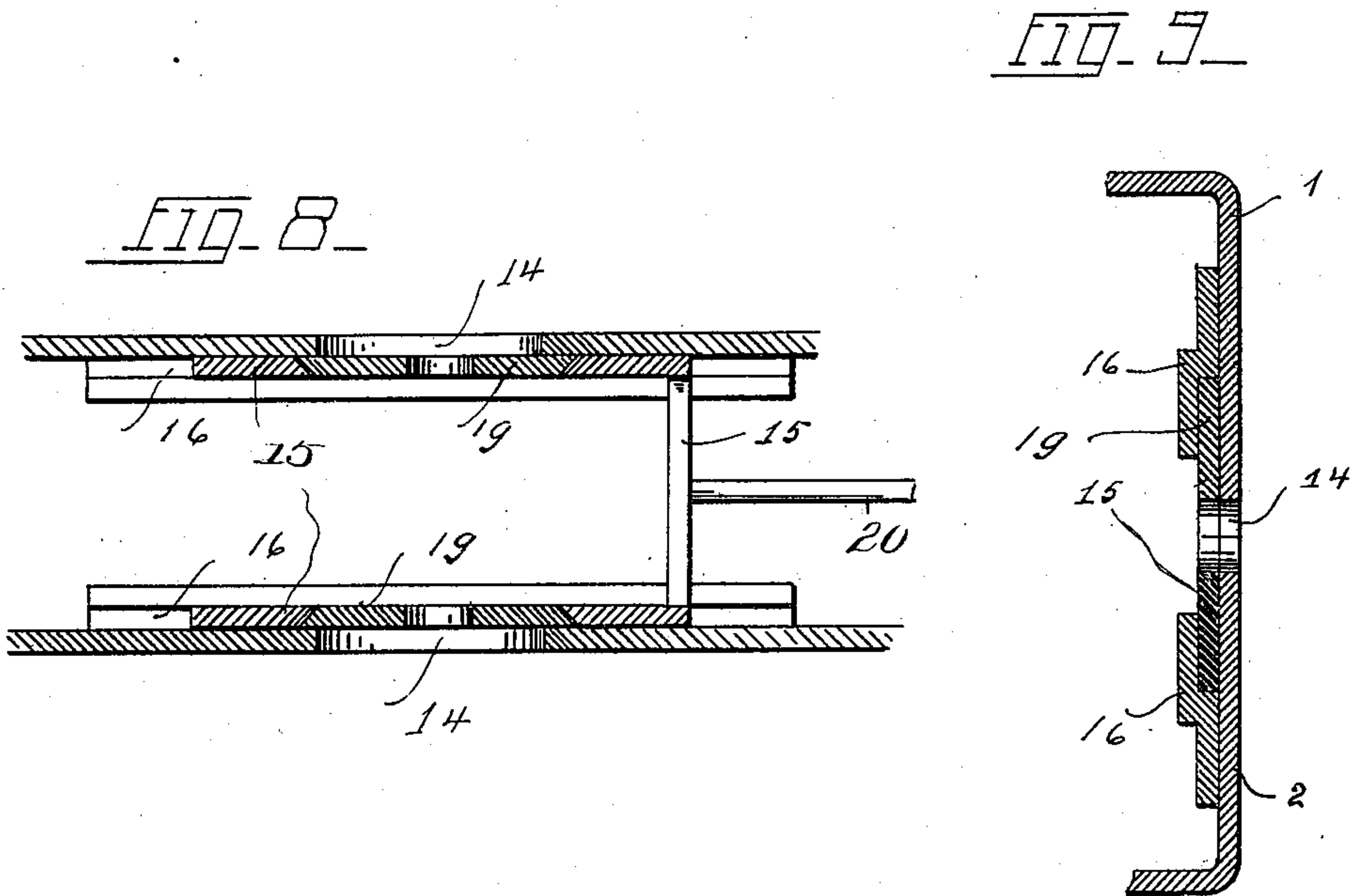
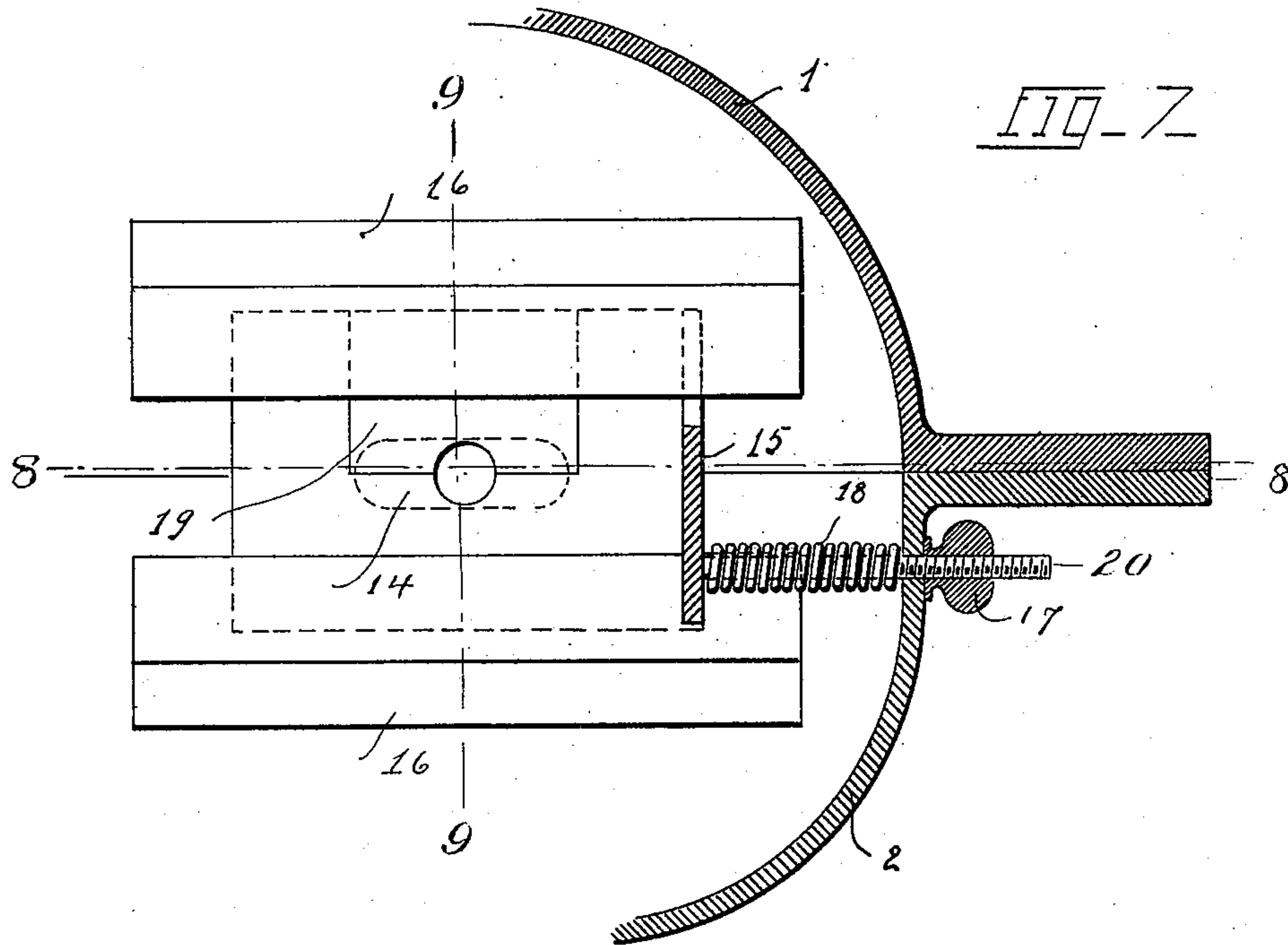
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UNITED STATES PATENT OFFICE.

JAMES D. PARKE AND JOHN S. LAMB, OF TOLEDO, OHIO, ASSIGNORS OF
ONE-THIRD TO EDWARD A. McLAIN, OF GRAND RAPIDS, OHIO.

DUST AND DRESS GUARD.

SPECIFICATION forming part of Letters Patent No. 599,192, dated February 15, 1898.

Application filed January 27, 1897. Serial No. 620,942. (No model.)

To all whom it may concern:

Be it known that we, JAMES D. PARKE and JOHN S. LAMB, of Toledo, county of Lucas, and State of Ohio, have invented certain new and useful Improvements in Dust and Dress Guards; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

Our invention relates to a dust and dress guard applicable to bicycles, and has for its object to provide a light and strong housing for the bicycle-gearing, protecting the mechanism from dust and weather and also protecting the skirts of lady bicyclists or other wearing-apparel of riders, providing a homogeneous housing, as contradistinguished from the open wicker-guard now in use.

In the drawings, Figure 1 is a front elevation. Fig. 2 is a horizontal section. Fig. 3 is an isometric. Fig. 4 is a section on line *y y*. Fig. 5 is an isometric of the adjusting mechanism. Fig. 6 is a section on line *x x*. Fig. 7 is a detail view of the adjustable closure. Fig. 8 is a section on the line 8 8, Fig. 7; and Fig. 9 is a section on the line 9 9, Fig. 7.

The top section 1 is secured to the bottom section 2 by means of screws 3. To provide a weather and dust proof joint, we have formed inwardly-turned shoulders 4, with projecting flanges 5 on the bottom section 2, the whole forming a telescopic joint relatively with the top section 1. For admittance of the brace 6 of the rear fork of the bicycle we have crimped both sections 1 and 2, as at 7 and 8, for the passage of the brace 6, which passes through the casing in obliquity at 9 and 10.

For visual inspection of the sprocket-chain and gearing we have secured a transparent medium 11 upon the face of the guard, held in position by grooves 12. The guard is applied to the bicycle and rests upon the hub of the sprocket-wheels, (not shown in the drawings,) the circular apertures 13 and 14 being formed for this purpose. To compensate for the adjustment of the bicycle sprocket-chain, we have elongated the aper-

ture 14 and provided a U-shaped metal closure 15, sliding in grooves 16, secured to both top and bottom sections of the housing. The closure is adjustable by means of a thumb-screw 17 on the shaft 20 and a spring 18, interposed between the U-shaped closure 15 and the bottom section 2 of the housing. In applying the closure to the bicycle the top section 19 is detached from the U-shaped closure 15 and inserted in the upper grooves, which on being adjusted will close the elongated aperture for the rear sprocket-wheel hub.

In applying the guard the sections are secured to the bicycle by means of set-screws, making a readily-detachable device.

In the manufacture of the guard we prefer to employ aluminium, thus forming a light and strong article.

While in the drawings we have shown a guard secured to the hubs of the sprocket-wheel, we wish it understood that we may secure it to the bottom brace of the rear fork without departing from the spirit of our invention.

As shown in Fig. 3, we may perforate a portion of the upper section 1 of the guard to receive the stays 20, attached to the shield 21 of the dress-guard.

It will be seen that the sections 1 and 2 can be struck up from a sheet of metal, thereby reducing the expense to a minimum and providing for a dust-proof inclosure of gearing of the bicycle.

What we claim is—

1. A dust and dress guard for bicycles, comprising closure-sections for embracing the gearing, recesses to receive the axle-journal, one of which is elongated, a closure-plate adapted to close the lower unoccupied portion of the elongation, a detachable plate carried by the lower closure-plate adapted to close the upper unoccupied portion of the elongation and means for yieldingly holding the closure-plate in position.

2. A dust and dress guard for bicycles, comprising closure-sections for embracing the gearing, recesses to receive the axle-journals, one of which is elongated, a U-shaped closure-plate adapted to close the lower unoccupied portion of the elongation, a plate carried by the U-shaped closure-plate adapted to close

the upper unoccupied portion of the elongation, and means for holding the closure-plates in position.

3. A dust and dress guard for bicycles comprising closed sections for embracing the gearing, recesses to receive the axle-journals, one of which is elongated, and a closure adapted to close the unoccupied portion of the elongation normally actuated by a spring, and adjustable by a thumb-screw.

4. A dust and dress guard for bicycles comprising closed sections for embracing the gearing, recesses to receive the axle-journals; one of which is elongated, a closure-plate adapted to close the unoccupied portion of the elongation,

a shaft connected to the closure-plate extending to the outside of the section, a spring interposed between the sections and plate, and a nut on the shaft on the outside of the section for regulating the tension of the spring.

In testimony that we claim the foregoing as our own we hereby affix our signatures in presence of two witnesses.

JAMES D. PARKE.
JOHN S. LAMB.

Witnesses:

WILLIAM WEBSTER,
MAUD SCHUMACHER.