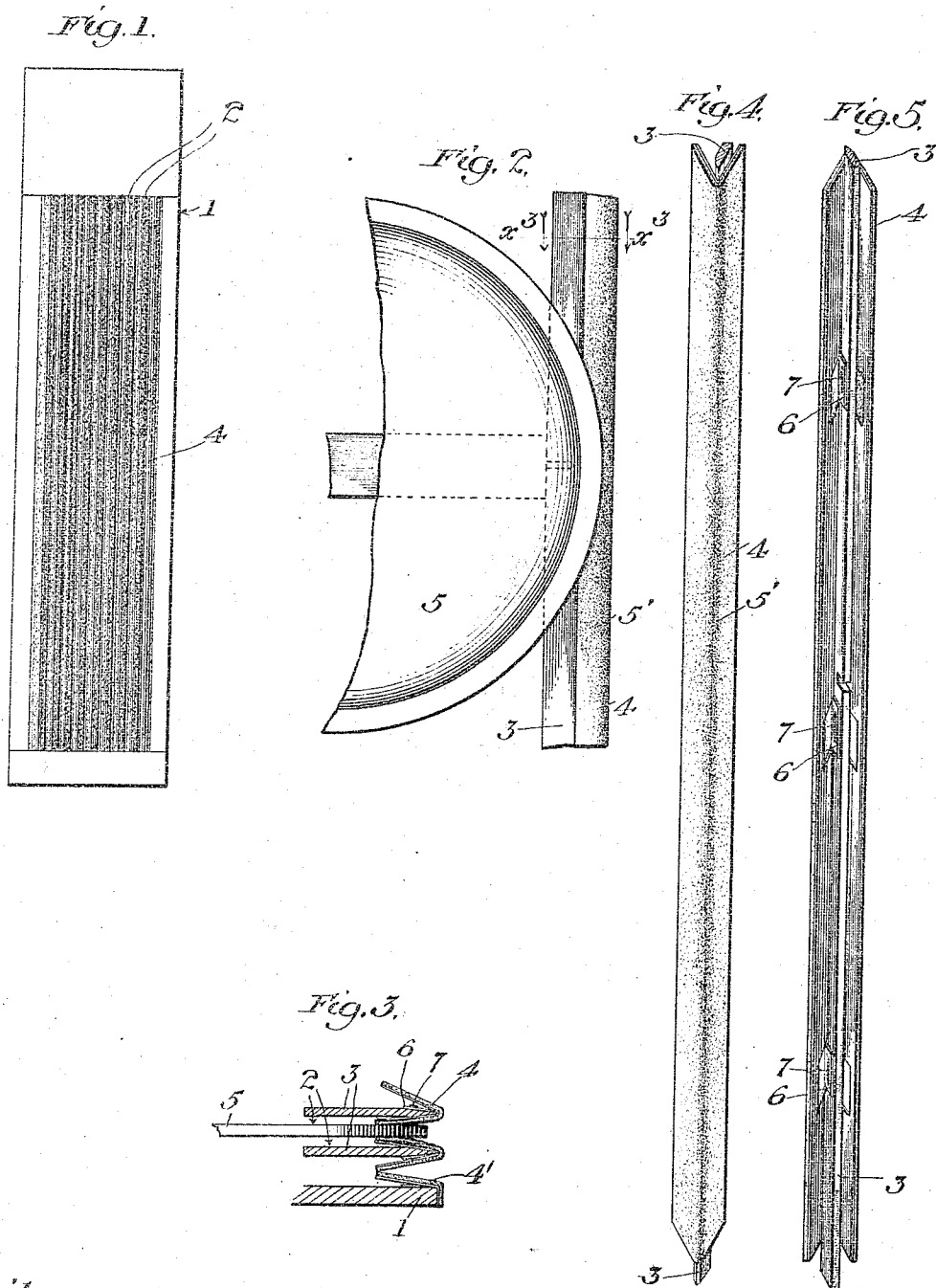


F. W. WOOD.
BRUSHING MEANS FOR DISK RECORDS FOR PHONOGRAPHS.
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1,018,861.

Patented Feb. 27, 1912.



Witnesses:
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Att'y

UNITED STATES PATENT OFFICE.

FREDERICK W. WOOD, OF LOS ANGELES, CALIFORNIA.

BRUSHING MEANS FOR DISK RECORDS FOR PHONOGRAPHS.

1,018,861.

Specification of Letters Patent.

Patented Feb. 27, 1912.

Application filed November 6, 1911. Serial No. 658,909.

To all whom it may concern:

Be it known that I, FREDERICK W. WOOD, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Brushing Means for Disk Records for Phonographs, of which the following is a specification.

This invention relates to means for brushing disk records such as are used in phonographs, and the main object of the invention is to provide means for brushing the records or disks as they are inserted into and removed from the case or cabinet in which the records are kept when not in use.

A further object of the invention is to provide a brushing device for this purpose which will give a light elastic pressure on the surface of the records, so as to effectually brush the same without liability of injuring the surface.

A further object of the invention is to provide brushing means in connection with a case or cabinet which will, to a large extent close the record receiving opening in the case or cabinet, thereby excluding dust.

Other objects of the invention will appear hereinafter.

The accompanying drawings illustrate the invention, and referring thereto: Figure 1 is a front elevation of a record case or cabinet, provided with my invention. Fig. 2 is a side elevation of one of the brushing devices with a portion of a record in position, adjacent thereto. Fig. 3 is a vertical section on line x^3-x^3 in Fig. 2. Fig. 4 is a perspective, taken from in front, of one of the brushing devices. Fig. 5 is a perspective of the same, from the rear.

1 designates a record filing case or cabinet of any suitable construction and having a series of vertical slots 2 in its front, the brushing device constituting the present invention being located at said slots for brushing the records as they are inserted into and withdrawn from the case.

Each brushing device is supported on a bar or strip 3, there being a plurality of these bars or strips arranged vertically at the front of the case according to the number of slots required, the spaces between said bars constituting the slots for insertion of the record disks, indicated at 5. Each brushing device consists of a resilient strip having a brushing face. Said strip may

comprise a strip 4 of resilient material, for example, cloth, which has been stiffened by suitable means such as shellac, the device being formed as a strip of such resilient material bent in V-shape and placed against the corresponding bar 3, with the front edge of the bar in the apex or angle of the V-shaped strip, this resilient support being provided with a brushing surface consisting preferably of velvet or other fabric indicated at 5', having a cut nap or pile, said fabric being cemented to the resilient support or packing 4.

In order to secure the brushing strip to the supporting bar or strip 3, flaps 6 may be cut from the resilient strip of fabric 4 and fastened to the bar 3, for example, by means of clench nails 7. The bars or strips 3, with the brushing devices attached thereto, are arranged vertically and in parallelism in the front of the case, with the apex of each brushing device directed forwardly and outwardly so that the full space is left at the front of the slot for insertion of the record, and the brushing portions on adjacent bars 3 approach one another at their inner ends so as to nearly close the slot, and so that as a record is inserted it will brush against the brushing surfaces on each of said brushing devices. The resilient brushing strip, supported at its front edge only, and extending obliquely outward from its supporting bar, forms a freely movable elastic brushing flap which adapts itself to the surface of the disk and insures brushing contact with said surface. At the slot at each side of the case, a single brushing strip may be provided, consisting of a strip 4' attached to the front edge of the side wall of the case, and extending obliquely rearward so as to approach the adjacent strip on the first spacing bar, giving a brushing surface for both sides of the disk which is placed in the end slot.

What I claim is:

1. In a case for disk records for phonographs, the combination with the spacing bars at the front of the case, of brushing devices consisting of strips of elastic material supported at their front portions on said bars and said strips being provided with brushing faces and extending obliquely outward and rearward from said bars to provide a resilient brushing face.

2. In a case for disk records for phono-

graphs, the combination with the spacing bars at the front of the case, of brushing devices consisting of strips of elastic material supported at their front portions on said bars and said strips being provided with brushing faces and extending outward and rearward from said bars to provide a resilient brushing face.

3. In a case for disk records for phonographs, the combination with spacing bars at the front of the case of elastic brushing means on each bar, consisting of a strip of resilient material bent in V-shape and having an outer face of brushing material, the front edge of the spacing bar extending into and secured to the said strip at the vertex thereof, and said strips extending at each side of said bar, obliquely outward and rearward from said bar so as to approach one another, forming a resilient brushing sur-

face for engaging the record at each side thereof.

4. A brushing device for disk records for phonographs, consisting of supporting means, a resilient strip having a face of brushing material, said strip being attached to said supporting means and extending obliquely outward from said supporting means forming a freely movable elastic brushing flap and means for supporting the disk record against the brushing surface while being moved to brush the same.

In testimony whereof, I have hereunto set my hand at Los Angeles, California this 26th day of October, 1911.

FREDERICK W. WOOD.

In presence of—

ARTHUR P. KNIGHT,
GLADYS RUSSELL.

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