

J. R. CRAIG, JR.
GRAMOPHONE RECORD AND HOLDER FOR THE SAME.
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Fig. 1.

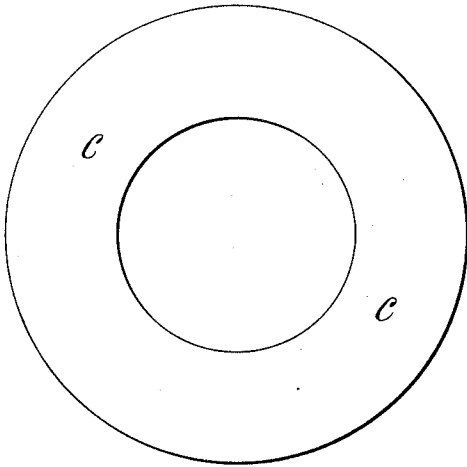


Fig. 4.

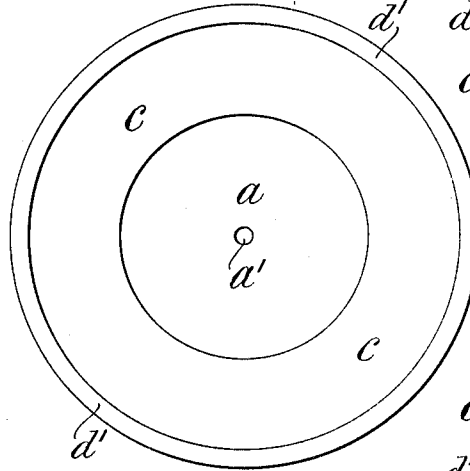


Fig. 5.

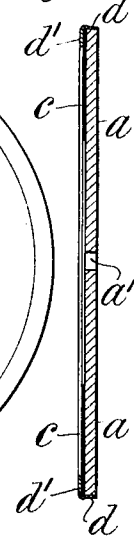


Fig. 2.

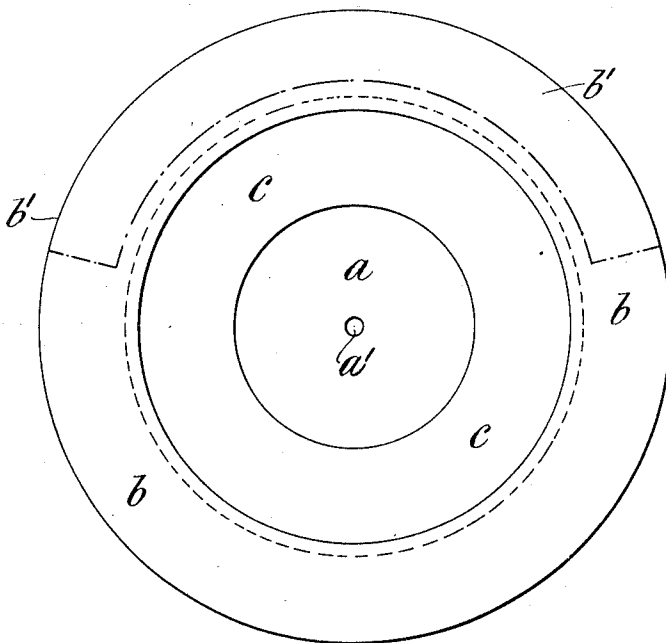


Fig. 3.



Witnesses.

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GRAMOPHONE-RECORD AND HOLDER FOR THE SAME.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN RICHARDSON CRAIG, Jr., a subject of the King of Great Britain, residing at Gloucester Mansions, Cambridge Circus, Charing Cross Road, London, England, have invented new and useful Improvements in Gramophone-Records and in Holders for the Same, of which the following is a specification.

10 It has before been proposed to use for gramophone records, disks of some light thin and flexible material, such disks when in use being rigidly clamped around their edges onto a rigid plane surface.

15 According to this invention an annulus is employed in place of a disk and this annulus is loosely held around its edge onto a more or less yielding backing.

20 Figure is a plan of the record; Fig. 2 is a plan and Fig. 3 a section of the holder with the record in place; Fig. 4 is a plan and Fig. 5 is a section of a modified form of holder.

25 The holder consists of a disk *a* of cardboard preferably faced with blotting paper and having a hole *a'* at its center to receive the pin of the gramophone and having upon it a flat ring *b* of cardboad. The outer part *b'* of the width of about half of the circumference of this ring is cemented to the disk as indicated by dotted lines in Fig. 2 but the ring and disk are not otherwise fastened together so that the gramophone record *c* can be passed in and the whole circumference of its edge inserted and loosely held between them.

35 In the modified form of holder shown in

Figs. 4 and 5 the disk *a* (which as before forms the backing for the record *c* and is preferably faced with blotting paper) is inserted into an annular frame *d* of thin sheet metal provided with a flange *d'* which prevents the record *c* from escaping.

40 It is found that an annulus lies much flatter and is less liable to cockle than a disk and that the yielding holding and backing of it greatly diminishes the unpleasant metallic sound common in gramophones.

45 The material which it is preferred to employ for the record is celluloid and its thickness should be about that of stout paper its flexibility being such that while it is not materially deformed by its own weight it can nevertheless be bent by a very slight pressure.

50 What I claim is:—

1. A gramophone record, consisting solely of an annulus of thin flexible record-receiving material.

2. The combination of a thin flexible annular gramophone record and a holder for the record consisting of a backing and means for securing one edge of the record to holder.

3. The combination of a thin highly flexible annular gramophone record and a holder therefor, consisting of a yielding sound-absorbing substance and a ring applied to the outer edge of the holder engaging the outer edge of the record.

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Witnesses:

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