F. W. SEA.

PHONOGRAPH RECORD ALBUM.

APPLICATION FILED JULY 31, 1920.

1,424,780.

Patented Aug. 8, 1922.

Fig. 1.

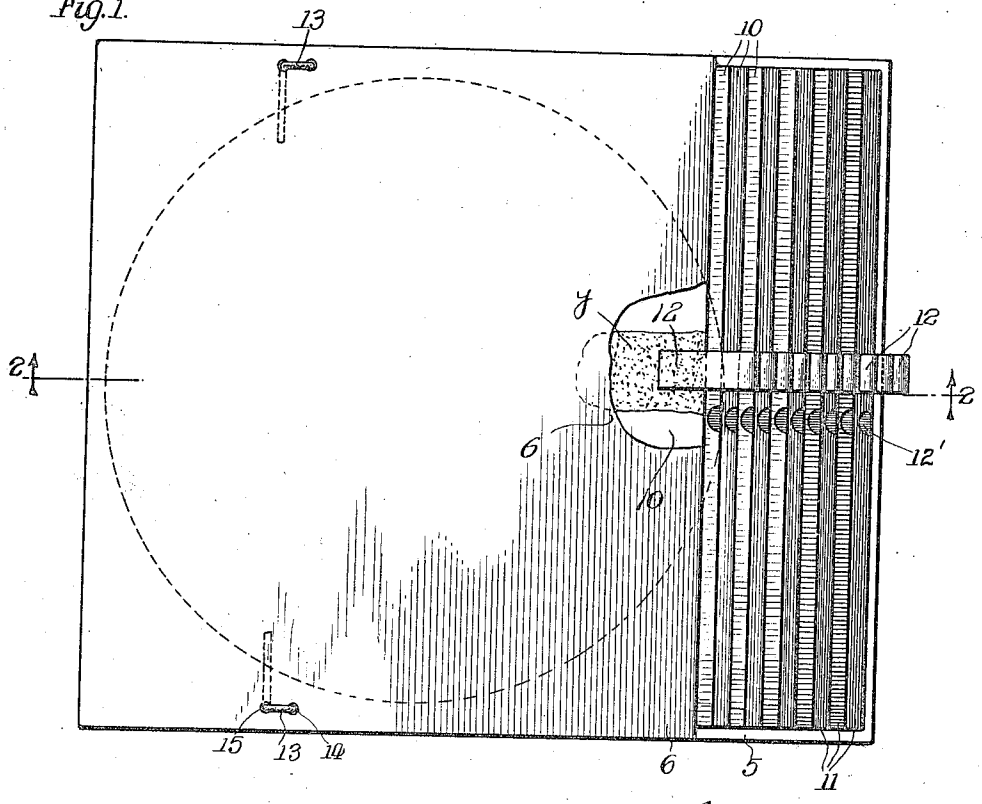


Fig. 2.

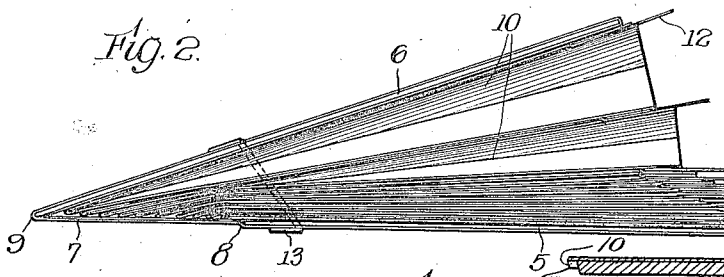


Fig. 3.

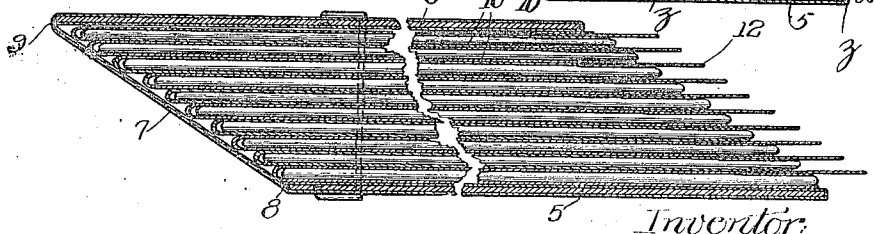
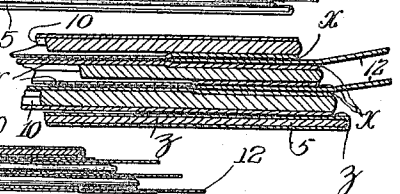


Fig. 4.



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UNITED STATES PATENT OFFICE.

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PHONOGRAPH-RECORD ALBUM.

1,424,780. Specification of Letters Patent. Patented Aug. 8, 1922.

Application filed July 31, 1920. Serial No. 400,429.

To all whom it may concern:

Be it known that I, FREDERICK W. SEA, a citizen of the United States, and a resident of Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Phonograph-Record Albums, of which the following is a specification.

My invention relates to phonograph record albums and may be considered as an improvement over the construction disclosed in the co-pending application of Philip N. Sea, Serial Number 388,418, filed June 12th, 1920. The important feature of the invention in this copending application is the provision of tabs secured to the upper walls of the record-containing envelopes so that raising of a tab will raise the top wall of the corresponding envelope to expose the record.

One of the important objects of my invention is to provide improved means for more securely affixing and strengthening the tabs for opening the respective record containing envelopes, and at the same time to provide improved construction for assuring wider opening of the envelopes when the tabs are raised so that records can be more easily and readily inserted or withdrawn. To accomplish these results I glue or otherwise secure together the adjacent walls of envelopes along a longitudinal median section, and at their front ends I secure between these walls the tabs by means of which the envelopes are to be opened. By thus securing the envelopes together, the lower walls thereof are held back when their upper walls are raised by means of the tabs and the envelopes are opened wide enough to make the records readily accessible.

Another important object of my invention is to leave the envelopes free at their edges, particularly at their inner ends, so that the records will not be strained but can slide and rest freely in the envelopes. In the co-pending application referred to, the envelopes at their inner edges are secured to be hinged to the back section of the cover structure. In my improved arrangement the envelopes are not secured to the cover structure at their inner edges but the top and bottom envelopes of a book are glued or otherwise secured to the top and bottom member of the cover structures.

On the accompanying drawings I show an album constructed in accordance with my invention. On this drawing

Fig. 1 is a plan view with part broken away,

Fig. 2 is a sectional view on plane 2—2, on Fig. 1 showing the envelopes empty,

Fig. 3 is a similar sectional view showing the envelopes filled, and

Fig. 4 is an enlarged sectional view showing the manner of securing together the envelopes and the tabs thereto.

In the structure shown the base part 5 of the cover structure is preferably of stiff material, and likewise the top member 6, these members being connected by the back member 7 suitably hinged thereto at the points 8 and 9. Between the base and cover members is arranged a stack of envelopes 10 all of the same size and offset longitudinally so as to underlap at their front ends to leave spaces 11 on which may be written or printed index or other information concerning the record in the envelope. The envelopes are open at their front ends and closed at the other edges and at their rear edges as well as at the other edges they are entirely free, the rear edges extending to the back section 7 but being in no wise connected therewith or secured thereto.

The adjacent lower and upper walls of the envelopes are glued or otherwise secured together along a longitudinal median section, and such securing may extend to the rear edge of the envelope or only part way as indicated at *x* Fig 4. The upper wall of the upper envelope and the lower wall of the lower envelope are respectively secured to the cover and base sections as indicated at *y* and *z*. Between the glued together lower and upper walls of adjacent envelopes a tab 12 is secured, the tab for the upper envelope being secured between the upper wall of the envelope and the cover, as best shown in Fig. 1. With this arrangement when any one tab is grasped and raised the upper wall of the respective envelope together with all envelopes above it are raised, and as the lower wall of the envelope is connected with the upper wall of the envelope below, the envelope is opened wide for the quick and ready insertion or withdrawal of a record. If there is a record in an envelope when its

tab is raised such record by its weight will assist in holding the lower wall down so that the tabbed wall can be raised away therefrom. By securing the tabs between the secured-together walls of the envelopes greater strength is given to the tabs, such strength being necessary as when the album is full of records all the records over a certain tab must be raised when such tab is pulled to open the corresponding envelope. The tabs are placed at or near the center of the front edges of the envelopes and the envelopes are of such length that the records will extend well to such front edges. Then when a tab is raised it engages around the front edge of the respective record and this relieves the envelope of considerable strain and prevents tearing or loosening of the tab away from the envelope. I also preferably provide sight notches 12′ in the front edges of the upper walls of the envelopes in which notches the front edges of records appear when in the envelopes so that the user can determine whether or not a record is in place.

As records are inserted in the envelopes the back section 7 resumes an inclined position (Fig. 3) so as to permit the envelopes to at all times lie entirely flat. To limit the degree of opening of the album a cord 13 may be connected between the base and cover members 5 and 6. Such cord may be secured in any convenient manner and a cord may be provided at each side of the album. As shown the ends of the cord are extended through holes 14 and 15 in the base and cover members and are then secured to such members at the inside thereof.

I thus produce a simple, strong and efficient album for phonograph records of which the envelopes can be readily opened to a sufficient width for insertion or withdrawal of records by merely grasping and pulling on a tab. The envelopes being free at all their edges can always lie flat so that insertion or withdrawal of records can readily be accomplished and without strain to the records.

Having described my invention I claim as follows:

1. In a phonograph record album, the combination of a stack of envelopes having their adjacent walls secured together, and tabs at the open ends of the envelopes secured between said walls.

2. A container device comprising a tier of envelopes having their adjacent walls secured together near the open edges thereof, and tabs secured between said walls by means of which the envelopes may be opened.

3. A container structure comprising a plurality of envelopes open at one end and arranged one on top of the other, tabs between said envelopes at the open edges thereof, the adjacent walls near said open edges being secured together and to said tabs.

4. In a phonograph record album, the combination with a cover structure comprising top, bottom and back members, of a plurality of envelopes arranged one above the other within said cover structure and entirely free at their edges from such structure, said envelopes at their front ends being open and the adjacent walls at said ends being secured together near the median line of the envelope, the upper and lower envelopes being secured to the top and bottom members of the cover structure, and envelope-opening tabs secured between the envelope walls.

5. In a phonograph record album, the combination with a cover structure comprising top, bottom and back sections hinged together, of a plurality of envelopes arranged one above the other and offset longitudinally in order to underlap at their front ends, said envelopes being open at their front ends and their adjacent walls at said ends being connected together a distance along the median lines of the envelope, the upper and lower envelopes being secured respectively to the top and bottom members of the cover structure, said envelopes being free at their sides and rear ends from each other and from the cover structure, and means for limiting the opening of said cover structure.

6. In a phonograph record album, the combination of a plurality of envelopes each adapted to receive a phonograph record, said envelopes being arranged one above the other and offset longitudinally to underlap at their open ends, said envelopes being secured together along median areas within their sides just sufficiently to prevent relative displacement thereof and to permit separation thereof at the sides when the album is open, and a cover structure comprising top and bottom sections secured to the top and lowermost envelopes respectively.

7. In a phonograph record album, the combination of a plurality of envelopes each arranged one above the other and each adapted to contain a record, said envelopes being offset longitudinally in order to underlap short distances at their open ends, said envelopes being secured together inwardly of their ends just sufficiently to prevent lateral relative displacement thereof, and a tab for each envelope secured to the top wall thereof and to the lower wall of the next above envelope.

In witness whereof, I hereunto subscribe my name this 27th day of July, A. D., 1920.

FREDERICK W. SEA.