



PATENT SPECIFICATION 601,364

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No. 32787/45.

Complete Specification Left: Nov. 12, 1946.

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Index at acceptance:—Class 146(i), E10.

PROVISIONAL SPECIFICATION

Improvements in Files for Documents

We, RONEO LIMITED, a Company incorporated under the laws of Great Britain, of 17, Southampton Row, London, W.C.1., and ERNEST FREDERICK LOWINGS, British Subject, of 10, Candover Road, Romford, Essex, do hereby declare the nature of this invention to be as follows:—

This invention relates to files for documents with particular reference to those of the kind in which a series of folders or pockets are suspended vertically one behind another in a drawer, cabinet, or other receptacle.

It is often the case that the documents to be filed are enclosed in an inner folder or jacket inserted in the pocket and such jackets are apt to lie flat against or to cling to the walls of the pocket and are therefore difficult to extract and usually become creased or buckled as the result of efforts made to remove them.

The object of the present invention is to overcome these disadvantages by means which will be simple and cheap to provide, and the invention consists in forming the suspension folder or pocket near one or each upper edge with a plurality of inwardly projecting ribs or protuberances which will cause the jacket to stand "proud" of the general surface of the wall of the pocket and thus facilitate its withdrawal.

The invention also consists in a file for documents according to the preceding paragraph in which the ribs or projections alternate with grooves or recesses.

The invention further consists in a file for documents according to the preceding paragraph in which the ribs and grooves are separated by cuts or slits in the wall of the pocket.

Further features of the invention will be apparent from the description given hereafter.

In carrying our invention into effect in one convenient manner we may form our document file as to the main characteristics of pocket and suspension rails much in the manner described in the specification of prior patent No. 526,470. In order, how-

ever, to facilitate the withdrawal from the pocket of a jacket containing the documents to be filed we subject the pocket blank to the action of rolls or otherwise treat the same so that near each of its upper edges and just below the suspension rails we form a plurality of alternating V shaped or similar projections and recesses or corrugations so that certain portions of the inner surface of the pocket will project inwardly and thus cause the wall of the jacket resting against them to stand "proud" of the general surface of the pocket so that in this way it will be a simple matter to insert a finger or fingers between the jacket and the pocket thus facilitating the grasping of the jacket for its withdrawal. Preferably the ribs and recesses are separated by slits or saw cuts extending at right angles to the general line of the ribs and recesses.

The embossing of the folder or jacket to form the ribs and recesses may conveniently be carried out during the preliminary formation of the pocket and the saw-cuts may be formed subsequently and conveniently while any printing design is being impressed upon the pocket.

The formation of the ribs and projections will give a kind of crenellated structure to the folder and it will be found that this will prevent the ribs from being flattened out and rendered ineffective due to the weight of documents suspended in the pocket.

It will be understood that the foregoing details of construction are given purely by way of example to illustrate the nature of the invention and not to limit its scope, and the invention is applicable to suspension files generally and is not limited to the particular type disclosed in the aforementioned specification.

Further, the invention is not limited to the precise form of ribs or projections nor to any particular manner in which the same are formed nor to any particular stage in the formation of the folder in which the ribs are formed or the cuts or slits made.

Dated this 4th day of December, 1945.

MARKS & CLERK.

COMPLETE SPECIFICATION

Improvements in Files for Documents

We, RONEO LIMITED, a Company incorporated under the laws of Great Britain, of 17, Southampton Row, London, W.C.1., and ERNEST FREDERICK LOWINGS, British Subject, of 10, Candover Road, Romford, Essex, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to files for documents with particular reference to those of the kind in which a series of folders or pockets, open at the top, are suspended vertically one behind another in a drawer, cabinet, or other receptacle, and in which an inner folder or jacket is inserted. Such jackets are apt to lie flat against or to cling to the walls of the pocket and are therefore difficult to extract and usually become creased or buckled as the result of efforts made to remove them.

The object of the present invention is to overcome these disadvantages by means which will be simple and cheap to provide, and the invention consists in forming the suspension folder or pocket near one or each upper edge with a plurality of separated inwardly projecting ribs or protuberances which will ensure that when a jacket is inserted in the folder or pocket, the top edges of the jacket will be spaced from the adjacent surfaces of the folder or pocket so that its withdrawal will be facilitated.

The invention also consists in a file for documents according to the preceding paragraph in which the projecting ribs or protuberances alternate with grooves or recesses.

The invention further consists in a file for documents according to the preceding paragraph in which the ribs and grooves are separated by cuts or slits in the wall of the pocket.

Further features of the invention will be apparent from the description given hereafter.

The accompanying drawings illustrate one convenient mode of carrying out the invention.

Figure 1 is a perspective view of a part of the upper portion of a file in accordance with the invention, and

Figure 2 is a section on the line 2-2 of Figure 1.

In carrying our invention into effect in one convenient manner we may form our document file as to the main characteristics of pocket *a* and suspension rails *b, c* much in the manner described in the specification of prior patent No. 526,470. In order, how-

ever, to facilitate the withdrawal from the pocket of a jacket containing the documents to be filed we subject the pocket blank to the action of rolls or otherwise treat the same so that near each of its upper edges and just below the suspension rails we form a plurality of alternating V shaped or similar projections *d* and recesses or corrugations *e* (viewed from the interior of the pocket) so that the portions *d* of the inner surface of the pocket will project inwardly (as clearly seen in Figure 2) and thus cause a space behind the top edge of the back of the jacket (not shown) and in front of the top edge of the front of the jacket so that it will be a simple matter to insert a finger or fingers between the jacket and the pocket thus facilitating the grasping of the jacket for its withdrawal. Preferably the ribs and recesses are separated by slits or saw cuts *f* extending at right angles to the general line of the ribs and recesses. The part *g* is of celluloid or other material and bears any desired marking identifying a particular file.

The embossing of the folder or jacket to form the ribs and recesses may conveniently be carried out during the preliminary formation of the pocket and the saw-cuts may be formed subsequently and conveniently while any printing design is being impressed upon the pocket.

The formation of the ribs and projections will give a kind of crenellated structure to the folder and it will be found that this will prevent the ribs being flattened out and rendered ineffective due to the weight of documents suspended in the pocket.

It will be understood that the foregoing details of construction are given purely by way of example to illustrate the nature of the invention and not to limit its scope, and the invention is applicable to suspension files generally and is not limited to the particular type disclosed in the aforementioned specification.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed we declare that what we claim is:—

1. A document file of the kind referred to in which the folder or pocket is formed near one or each upper edge with a plurality of spaced inwardly projecting ribs or protuberances which will ensure that when a jacket is inserted in the folder or pocket, the top edges of the jacket will be spaced from the adjacent surfaces of the folder or pocket so that its withdrawal will be facilitated.

2. A document file according to Claim 1

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This invention relates to files for documents with particular reference to those of the kind in which a series of folders or pockets, open at the top, are suspended vertically one behind another in a drawer, cabinet, or other receptacle, and in which an inner folder or jacket is inserted. Such jackets are apt to lie flat against or to cling to the walls of the pocket and are therefore difficult to extract and usually become creased or buckled as the result of efforts made to remove them.

The object of the present invention is to overcome these disadvantages by means which will be simple and cheap to provide, and the invention consists in forming the suspension folder or pocket near one or each upper edge with a plurality of separated inwardly projecting ribs or protuberances which will ensure that when a jacket is inserted in the folder or pocket, the top edges of the jacket will be spaced from the adjacent surfaces of the folder or pocket so that its withdrawal will be facilitated.

The invention also consists in a file for documents according to the preceding paragraph in which the projecting ribs or protuberances alternate with grooves or recesses.

The invention further consists in a file for documents according to the preceding paragraph in which the ribs and grooves are separated by cuts or slits in the wall of the pocket.

Further features of the invention will be apparent from the description given hereafter.

The accompanying drawings illustrate one convenient mode of carrying out the invention.

Figure 1 is a perspective view of a part of the upper portion of a file in accordance with the invention, and

Figure 2 is a section on the line 2-2 of Figure 1.

In carrying our invention into effect in one convenient manner we may form our document file as to the main characteristics of pocket *a* and suspension rails *b c* much in the manner described in the specification of prior patent No. 526,470. In order, how-

ever, to facilitate the withdrawal from the pocket of a jacket containing the documents to be filed we subject the pocket blank to the action of rolls or otherwise treat the same so that near each of its upper edges and just below the suspension rails we form a plurality of alternating V shaped or similar projections *d*, and recesses or corrugations *e* (viewed from the interior of the pocket) so that the portions *d* of the inner surface of the pocket will project inwardly (as clearly seen in Figure 2) and thus cause a space behind the top edge of the back of the jacket (not shown) and in front of the top edge of the front of the jacket so that it will be a simple matter to insert a finger or fingers between the jacket and the pocket thus facilitating the grasping of the jacket for its withdrawal. Preferably the ribs and recesses are separated by slits or saw cuts *f* extending at right angles to the general line of the ribs and recesses. The part *g* is of celluloid or other material and bears any desired marking identifying a particular file.

The embossing of the folder or jacket to form the ribs and recesses may conveniently be carried out during the preliminary formation of the pocket and the saw-cuts may be formed subsequently and conveniently while any printing design is being impressed upon the pocket.

The formation of the ribs and projections will give a kind of crenellated structure to the folder and it will be found that this will prevent the ribs being flattened out and rendered ineffective due to the weight of documents suspended in the pocket.

It will be understood that the foregoing details of construction are given purely by way of example to illustrate the nature of the invention and not to limit its scope, and the invention is applicable to suspension files generally and is not limited to the particular type disclosed in the aforementioned specification.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed we declare that what we claim is:—

1. A document file of the kind referred to in which the folder or pocket is formed near one or each upper edge with a plurality of spaced inwardly projecting ribs or protuberances which will ensure that when a jacket is inserted in the folder or pocket, the top edges of the jacket will be spaced from the adjacent surfaces of the folder or pocket so that its withdrawal will be facilitated.

2. A document file according to Claim 1



in which the projecting ribs or protuberances alternate with grooves or recesses.

3. A document file according to Claim 2 in which the ribs and grooves are separated
5 by cuts or slits in the wall of the pocket.

4. Improved document file of the kind

referred to, substantially as herein described with reference to the accompanying drawings.

Dated this 12th day of November, 1946.

MARKS & CLERK. *EW*

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