

P. S. H. NEWELL.
BOOK.

APPLICATION FILED APR. 5, 1910.

1,011,833.

Patented Dec. 12, 1911.

Fig. 1.

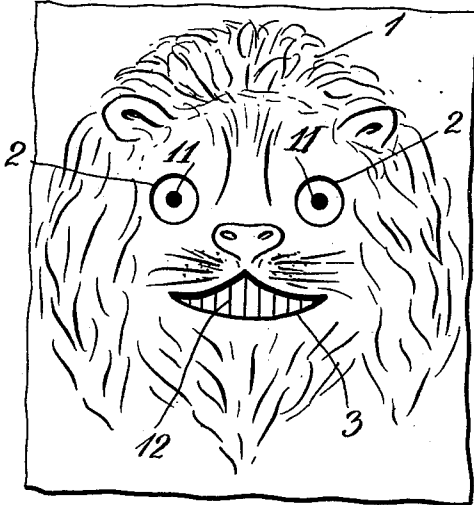


Fig. 2,

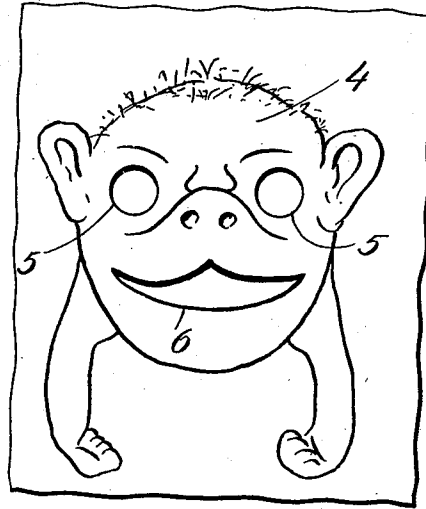


Fig. 3,

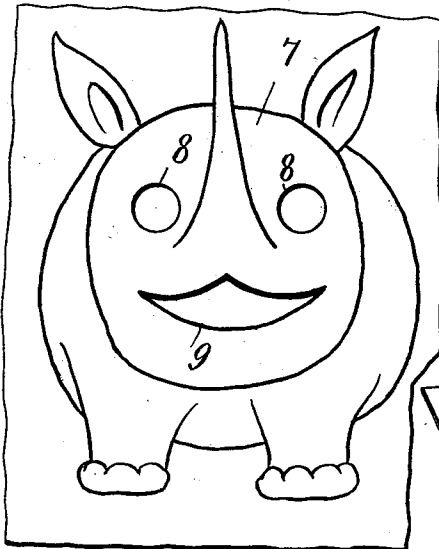


Fig. 4,

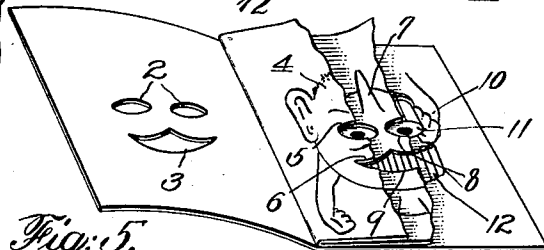
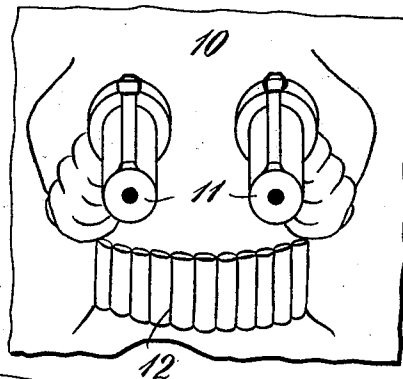


Fig. 5,

Witnesses
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UNITED STATES PATENT OFFICE.

PETER S. H. NEWELL, OF LEONIA, NEW JERSEY.

BOOK.

1,011,833.

Specification of Letters Patent.

Patented Dec. 12, 1911.

Original application filed April 17, 1909, Serial No. 490,629. Divided and this application filed April 5, 1910. Serial No. 553,576.

To all whom it may concern:

Be it known that I, PETER S. H. NEWELL, a citizen of the United States, residing at Leonia, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Books, of which the following is a specification, reference being had to the accompanying drawings, which form part of the same.

My invention relates to improvements in books, by means of which delineations represented on the several parts of the same are so perforated, or provided with sight openings, and the several parts so arranged and registered in relation to the sight openings, that the delineation on, or the perforation or perforations of, one part will form a part of, or be dependent upon, the delineations on, or perforation or perforations of other parts, by means of which novel and pleasing effects may be produced, and this is a divisional application incorporating one of the specific inventions set out in my application for Letters Patent filed April 17, 1909, Serial No. 490,629.

In the present example of my invention Figure 1 is a plan view of a book constructed in accordance with the invention, the said book being shown in a closed position with a pictorial representation on the front cover thereof, portions being broken away. Fig. 2 is a plan view of a portion of the leaf immediately following the front cover, the design thereon being shown as it would appear with the book open and with the leaf raised or held away from the back cover. Fig. 3 is a similar view of a portion of the leaf which may follow the leaf shown in Fig. 2, the design on the said leaf being also shown incomplete, as it would appear with the book open and the leaf raised or held away from the back cover. Fig. 4 is a plan view of a portion of the back cover showing the design thereon, the said design concluding the series and being placed on the inside of the said rear cover, and Fig. 5 is a perspective view of the book with the front cover open and portions of the two leaves shown in Figs. 2 and 3 broken away to indicate more clearly the manner in which the designs on the said leaves are completed by those portions of the design on the back cover which appear through sight openings in the leaves.

Similar characters of reference indicate like parts in all the drawings.

In carrying out my invention a characteristic design or illustration is devised for the feature intended to be on the outside of the front cover or first page thereof, in this example including the conventional head of a lion, 1, and in this head, one or more sight openings or perforations, as may be desired, are to be provided. In this instance there are two holes, 2, 2, provided as sight openings for the eye-balls, and one sight opening, 3, to represent the mouth. These are to be cut out in any convenient manner.

In Fig. 2, 4 is a conventional head of a gorilla, provided with perforations or sight openings, 5, 5, for the eyes, and a sight opening, 6, to represent the mouth; these are also to be cut out as stated.

In Fig. 3, 7 is a conventional head of a rhinoceros, having sight openings 8, 8 for the eyes, and a sight opening 9, to represent the mouth, and to be cut out as stated.

In Fig. 4, 10 is a conventional torso, showing the hands holding revolvers, 11, 11, and having a cartridge belt, 12, about the waist; this is to be on the inside of the rear cover of the book. The designs in this example of my invention are to be so drawn, spaced and registered, that when the sheet containing the Fig. 3, is placed upon the inside of the back cover containing the Fig. 4, the muzzles, 11, 11, of the revolvers will be visible through, and constitute the eye-balls, 11, 11, in the perforations or sight openings 8, 8; and the cartridge belt 12, will be visible through and constitute the teeth, 12, in the sight opening 9 for the mouth. And this drawing, spacing, and registering, is to be followed in all of the sheets which may be disposed between the front cover containing on the outside the design including the lion head 1, and the design including the revolver muzzles 11, 11, and cartridge belt 12, on the inside of the rear cover, so that in each design on all the intermediate sheets, be there more or less, there will be, as in the designs mentioned, and as in Fig. 2, a pair of sight openings, as 5, 5, for the eyes, through which the muzzles, 11, 11, appear as eye-balls, and a sight opening 6, representing the mouth, through which the car-

tridge belt appears as the teeth, 12, so that these features of each design will then appear completed, like the head of the lion in Fig. 1, where the eye-balls and teeth are shown.

While I have shown three sight openings in the front cover, 1, to disclose three parts of the design figured on the inside of the back cover, 4, it is obvious that any desired number of the parts which appear in the design on the inside of the rear cover may thus be made visible through the outside of the front cover, to form a part of the design thereon, and to form part of the designs on the intermediate leaves. Thus in the example shown in Figs. 1 to 3, only one sight opening, as for the mouth could be made throughout the front cover and the intermediate sheets to permit the cartridge belt, 12, on the inside of the rear cover, to be seen as the teeth in each design, and the eyes and eye-balls could be drawn on the design on the front cover and on the intermediate sheets, if desired; so two perforations or sight openings could be formed in the design on the front cover and on the intermediate sheets for the eyes, and the muzzles, 11, 11, on the inside of the rear cover could be seen through them, while in each design a separate set of teeth might be figured, without cutting any sight openings, to disclose the cartridge belt, 12. Furthermore, while I have shown my invention including designs applied to the outside of the front cover and also to the inside of the rear cover, it is obvious that other covers may be placed on the outside of the covers containing the Figs. 1 and 4, so as to protect those cover parts from wear, etc.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is,

1. A device comprising a series of superposed sheets having designs thereon, and having corresponding portions of said designs cut away to provide sight openings, said openings registering with each other, and a sheet arranged beneath said series of sheets and having a design thereon, one portion of said design being in line with and visible through all of said openings to complete all of the first mentioned designs.

2. A display device comprising a series of superposed sheets having designs of a similar nature thereon, and having corresponding portions of said designs cut away to pro-

vide sight openings, said openings registering with each other, and a sheet arranged beneath said series of sheets and having a design thereon, one portion of said design being in line with and visible through all of said openings to complete all of the first mentioned designs.

3. A book comprising a series of superposed sheets having designs thereon, and having corresponding portions of said designs cut away to provide sight openings, said openings registering with each other, and a part arranged beneath said series of sheets and having a design thereon, one or more portions of said design being in line with and visible through said openings to present a complete design when the book is opened at any point.

4. A book comprising a cover and a series of leaves, both the cover and leaves having independent designs thereon and being formed with sight openings extending through the designs and adapted to register with each other, a part containing an independent design and arranged under the leaves so that portions of the said design are visible through the sight openings to complete the design upon the cover or to present a complete design when the book is opened at any point.

5. A book having designs on its leaves and on the inside of its rear cover, a portion of the design on each leaf being cut away to provide a sight opening, all of said openings registering with each other and with the cover design to permit the same portions of the cover design to be visible therethrough to present a complete design when the book is opened at any point.

6. A book having designs on its leaves and on the outside of its front cover and inside of its rear cover, all of said designs being of a similar nature, the designs on the leaves and on the front cover having corresponding portions thereof cut away to provide sight openings, all of said openings registering with each other and with the cover design to permit the design on the rear cover to be visible therethrough, to complete the design of the front cover or of any leaf at which the book is opened.

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Witnesses:

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