R. E. DOOLITTLE & P. S. JOHST.

ART OR METHOD OF PICTURE BUILDING.

APPLICATION FILED JULY 25, 1914.

1,153,424.

Patented Sept. 14, 1915.

3 SHEETS—SHEET 1.

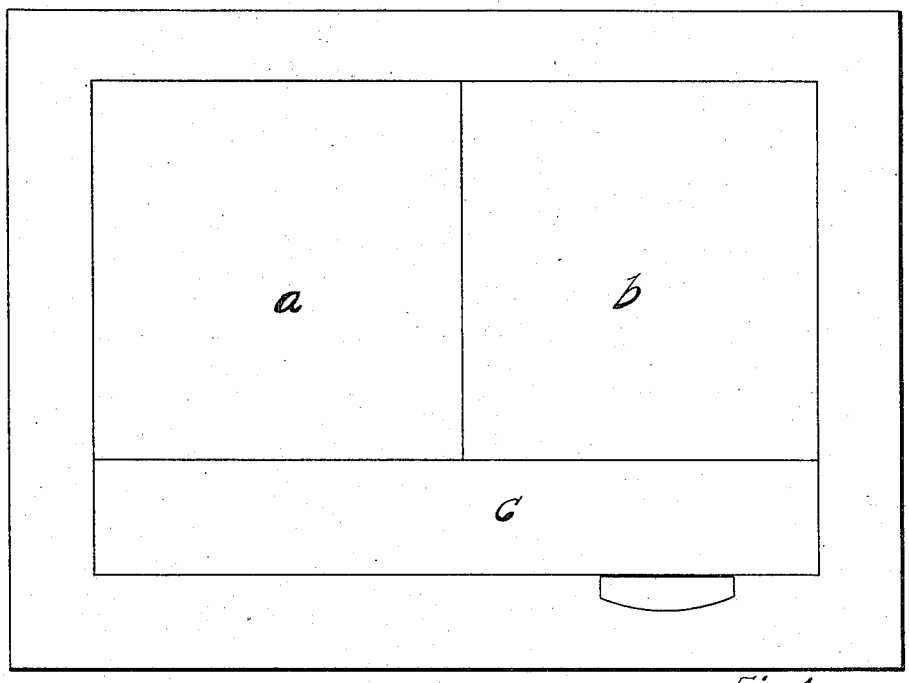


Fig. 1.

Fig. 2.

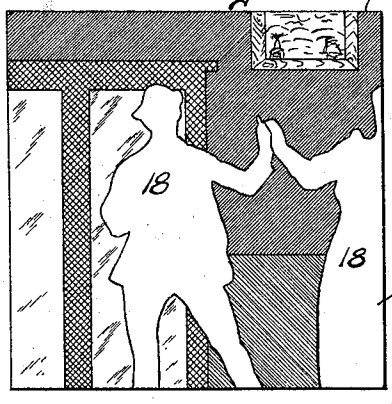


Fig. 3.

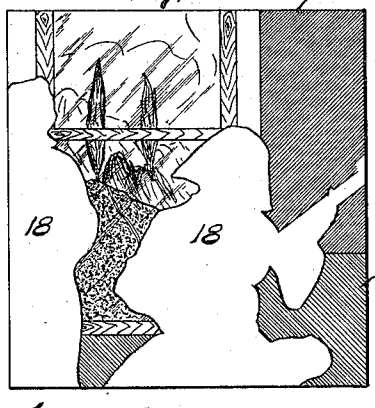
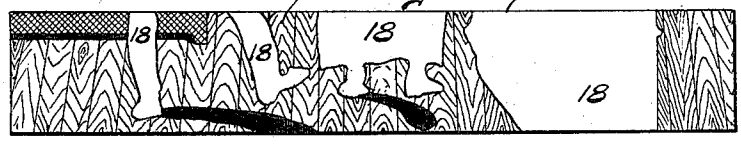


Fig. 4.



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3 SHEETS—SHEET 2.

Fig. 5.

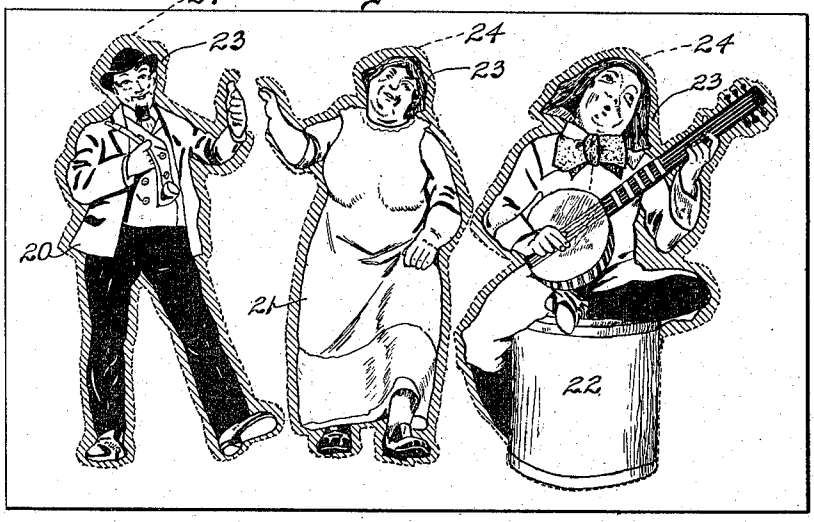
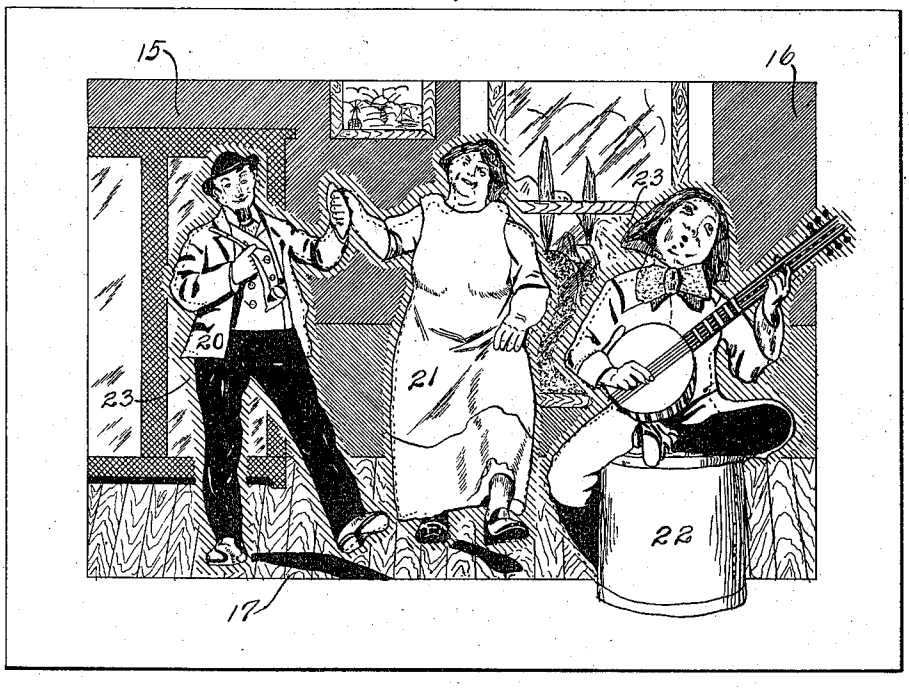


Fig. 6.



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3 SHEETS—SHEET 3.

Fig. 7.

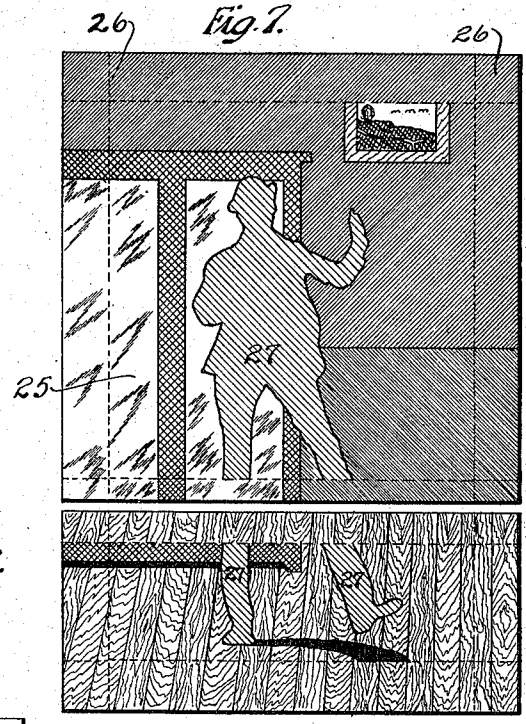


Fig. 8.

Fig. 10.

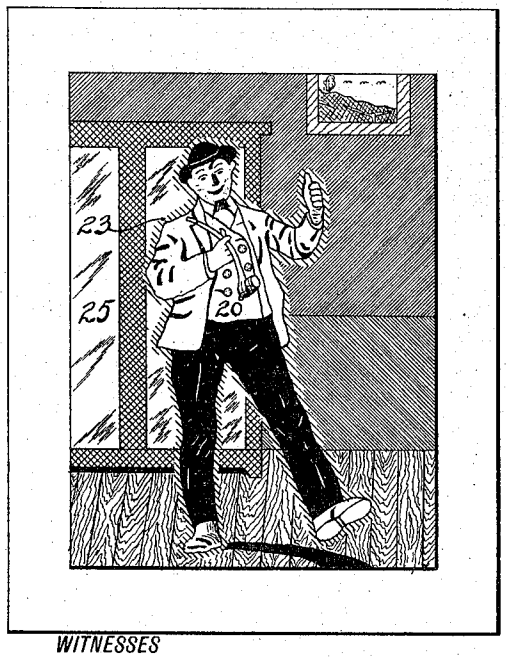
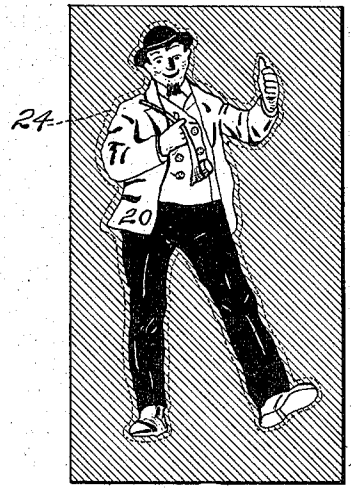


Fig. 9.



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UNITED STATES PATENT OFFICE.

ROLLIN EDSON DOOLITTLE AND PAUL S. JOHST, OF NEW YORK, N. Y.; SAID JOHST ASSIGNOR TO SAID DOOLITTLE.

ART OR METHOD OF PICTURE-BUILDING.

1,153,424. Specification of Letters Patent. Patented Sept. 14, 1915.

Application filed July 25, 1914. Serial No. 853,154.

To all whom it may concern:

Be it known that we, ROLLIN EDSON DOOLITTLE and PAUL S. JOHST, both citizens of the United States, and both residing at the borough of Brooklyn of the city of New York, in the county of Kings and State of New York, have invented a new and useful Art or Method of Picture-Building, of which the following is a specification.

Our invention relates to the art or method of picture building wherein portions of a picture are prepared to be cut out and applied or superimposed on other portions of the picture also prepared to be cut out, all the cut out portions when arranged in proper relation to each other forming the complete built up picture, our invention particularly consisting in the provision of means for the prevention of an imperfect or marred effect being imparted to the completed picture due to inaccurate or too close cutting of the cut out portions or the careless adjustment of the same in positions of relation, whereby undesirable parts of the underlying portions may be exposed to view, and the objects of our invention are first, to provide an art or method of picture building which shall attract attention, arouse curiosity and hold the interest, thereby, especially in the use of such pictures for advertising purposes, fixing the advertised matter on the mind, second, an art or method of picture building for kindergarten or educational purposes within the capacity of the average child, fourth, an art or method of picture building whereby a built up picture of a high degree of artistic finish and excellence may be provided, not only of simple but of complicated details; and fifth, an art or method of picture building whereby because of the high artistic excellence of the built up picture the artistic instincts of the one building it are assisted and encourages. We attain these objects as hereinafter described, and set forth in the accompanying drawings in which—

Figure 1, represents the frame or base. Figs. 2, 3 and 4, represent portions of a picture formed from the back ground thereof. Fig. 5, represents portions of the same picture formed from the salient features thereof. Fig. 6, represents the complete built up picture. Figs. 7 and 8 represent portions of the same picture formed from the background thereof used in the modified form of our invention. Fig. 9, represents a portion of the same picture formed from the salient features thereof, taken from Fig. 5, for use in illustration of the modified form of our invention. Fig. 10, represents a portion of the complete built up picture by the modified form of our invention.

Similar numerals or letters refer to similar parts throughout the several views.

Our art or method of picture building consists primarily of dividing the back ground and salient elements of a picture into portions, and in the selection of the features and shapes of these back ground portions care should be had to make them of the most convenient and available shape for re-arranging them in normal relation to each other, that is as in the original picture, on a frame or base, and for providing means for superimposing upon them the portions of the picture formed from the salient elements thereof. Thus, reference being had to the drawings, the portions, 15, 16 and 17, Figs. 2, 3 and 4, are formed from the back ground of the picture, and may be conveniently superimposed on divisions *a*, *b*, and *c*, of the frame or base, Fig. 1, and adapted to contain spaces for superimposing thereupon the portions 20, 21 and 22, Fig. 5, formed from the salient features of the picture. The background portions, 15, 16 and 17 are printed in the desired color or colors on a primary sheet, spaces, 18, comprising the salient feature portions of the picture being left blank. Dotted or other suitable indicating lines, 19, are printed on each of the background portions to guide in cutting them out for superimposing upon the frame or base, and they may also be provided with suitable indicating marks or numerals to show to which of the divisions, *a*, *b*, and *c*, of the frame or base the particular background portion is to be applied. The portions formed from the salient features of the picture, such as the group of figures, 20, 21 and 22, Fig. 5, are also printed in the desired color or colors, on a second sheet, the printing in color in the case of both the background and salient feature portions being done on any suitable material, preferably paper.

Each of the salient feature portions, 20, 21and 22, is provided with a safety margin, 23, printed to harmonize with the color or colors, preferably the predominating color

of the background portions, 15, 16 and 17, or the margin 23, may be printed not only so harmonizing, but having on it parts of adjacent features of the background portions, such as parts of a mass of foliage or of the dense branches of a tree, where accuracy of matching the parts is not essential. The intention and purpose of the margins, 23, is that because of the blending or harmonizing of the margins with the color or colors of the background portions the marring effect on the built up picture due to too close or careless cutting out of the salient feature portions or the misplacing of them on the spaces, 18, of the background portions whereby undesirable parts or edges of the spaces, 18, may be exposed to view is minimized or entirely obviated. The safety margins, 23, further do away with the necessity for cutting out difficult and delicate parts of the salient feature portions, 20, 21 and 22, such, for example, as the thumb of the man or the keys of the musical instrument, Fig. 5. Each of the safety margins, 23, may be provided with a dotted or other suitable line, 24, by following which additional safety in cutting out may be had.

Each of the salient feature portions, 20, 21 and 22, is of a shape adapted to be superimposed upon the corresponding space, 18, of the background portions, with the safety margin, 23, of the salient feature portion slightly overlapping the space, 18. The spaces, 18, of the background portions, 15, 16, and 17, and the salient feature portions, 20, 21 and 22, for convenience may be provided with suitable marks indicating upon which space a particular salient feature portion is to be superimposed upon a background portion, but this is not essential as the relative shapes of the spaces and the salient feature portion ordinarily would be sufficient guide.

The modified form of our art or method of picture building differs from the form above described in providing each background portion, 25, Fig. 7, with an extended margin 26, printed in color harmonizing with the other color or colors of the background portion, the effect of which is to give these background portions, before they are cut out to build the picture, the appearance of having been printed on a colored sheet but more especially to afford a safety margin in cutting out the background portion for superimposing upon the base or frame. Each of the background portions, 25, Fig. 7, is further provided with a colored space, 27, harmonizing with the color or colors of the background portion for superimposing a salient feature portion thereupon the intention being to provide a safety margin whereby if the salient feature portion be cut too close to the figure, that is if the entire safety margin, 23, be cut entirely away, the effect of the surrounding margin, 27, in harmonizing with the color or colors of the background portion will be to obviate or minimize any undesirable appearance.

To build the picture it is only necessary to cut out the background portions and arrange them in normal relation to each other, that is their relation in the original picture, on the frame or base, and after cutting out the salient feature portions to superimpose each of them upon its corresponding space on the background portions, a suitable adhesive material being used if permanency of the picture is desired.

While the frame or base, Fig. 1, adds to the finished appearance of the built up picture, it is not essential thereto, as the background portions may be superimposed upon any suitable surface, the shapes of these portions ordinarily suggesting their arrangement relative to each other.

By employing three color printing in our art or method of picture building we are enabled to give our built up picture great harmony of color and artistic merit, and by the application of our art or method of picture building we can produce a built up picture whether of simple or complex details to the accomplishment of the objects set forth.

We claim:—

1. A method of picture building which consists in printing on a primary sheet the background portions only of a picture thereby leaving the salient portions of the picture blank, printing on said sheet indicating lines for cutting out said background portions, printing the salient features of the same picture on a second sheet, printing a marginal safety portion on said second sheet around the salient features in colors harmonizing with the background, cutting out the background portions of the primary sheet along the indicating lines thereof, arranging the cut out background portions on a backing, cutting out the salient features of the second sheet along the outside edge of the marginal safety portion, and superimposing said cut out portions of the second sheet upon the blank spaces of the cut out background portions.

2. A method of picture building which consists in printing on a primary sheet the background portions only of a picture thereby leaving the salient portions of the picture blank, printing a marginal safety portion on said sheet around the background portions in colors harmonizing with the background, printing the salient features of the same picture on a second sheet, printing a safety marginal portion on said second sheet around the salient features in colors harmonizing with the background, cutting out the background portions of the primary

sheet along the outside edge of the marginal safety portion, arranging the cut out background portions on a backing, cutting out the salient features of the second sheet along the outside edge of the marginal safety portion, and superimposing said cut out portions of the second sheet upon the blank spaces of the cut out background portions.

3. A method of picture building which consists in printing on a primary sheet the background portions only of a picture thereby leaving the salient portions of the picture blank, printing a marginal safety portion on said sheet around the background portions in colors harmonizing with the background, printing the blank spaces of the background portions in colors harmonizing with the background, printing the salient features of the same picture on a second sheet, printing a safety marginal portion on said second sheet around the salient features in colors harmonizing with the background, cutting out the background portions of the primary sheet along the outside edge of the marginal safety portion, arranging the cut out background portions on a backing, cutting out the salient features of the second sheet along the outside edge of the marginal safety portion, and superimposing said cut out portions of the second sheet upon the colored blank spaces of the cut out background portions.

4. A method of picture building which consists in printing on a primary sheet the background portions only of a picture thereby leaving the salient portions of the picture blank, printing on said sheet indicating lines for cutting out said background portions, printing the blank spaces of the background portions in colors harmonizing with the background, printing the salient features of the same picture on a second sheet, printing a safety marginal portion on said second sheet around the salient features in colors harmonizing with the background, cutting out the background portions of the primary sheet along the indicating lines thereof, arranging the cut out background portions on a backing, cutting out the salient features of the second sheet along the outside edge of the marginal safety portion, and superimposing said cut out portions of the second sheet upon the colored blank spaces of the cut out background portions.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses the 22d day of July, 1914.

ROLLIN EDSON DOOLITTLE.
PAUL S. JOHST.

Witnesses:
GEO. F. ABEL,
ELIZABETH G. HAGAN.

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