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PATENT



SPECIFICATION

Application Date, Jan. 6, 1919. No. 347/19.

Complete Left, July 5, 1919.

Complete Accepted, Oct. 16, 1919.

PROVISIONAL SPECIFICATION.

Improvements in or relating to Amusement and Educational Devices.

I, CHARLES SKAIFE, of 55, Lightbody Street, Liverpool, Electrician, do hereby declare the nature of this invention to be as follows:—

This invention has for its object a device applicable for use as a toy and other purposes for producing colour effects.

- 5 It comprises sheets of paper or other suitable material of different colours, one sheet for instance being green, another brown, another purple, another yellow, another blue, another red, another white and so on. Each sheet has printed on it the lines of a pattern, such lines forming a guide by which each sheet can be cut up into loose bits or pieces. This pattern or design is the
- 10 same on each set of sheets. Therefore by accurately cutting up the differently coloured sheets by scissors on the lines of the pattern or design into loose bits or pieces, and carefully piecing or assembling together edge to edge the pieces or bits taken from the various sheets, a large variety of artistic patterns or colour combinations can be produced. The pieces cut from each sheet being
- 15 interchangeable a child will find amusement in assembling the coloured pieces together and in producing different combinations of colour effects. If for instance a dozen sheets were provided in each set, each of a different colour, a practically unlimited number of changes could be effected. The invention is however not only useful as a toy, but is useful as an educational device,
- 20 because it will train a child's hand to accuracy of cutting, and the eye to symmetry and to tastefulness in the blending of the colours. The sheets can if desired have an adhesive applied to the back so that when cut up into bits they can be fastened to paper or cardboard in the process of assembling and thus form a permanent record of a child's performance. Each set of sheets
- 25 may be bound up for convenience into a book, the particular design in a book being of course the same throughout so that the bits cut out therefrom shall be interchangeable, while another book may have a different design throughout its sheets. The designs used may of course be any suitable ones, such as geometrical, floral, scrolls, birds, butterflies, children's figures and so on, in
- 30 fact there is scarcely any limit to the number of designs which may be produced.

I do not confine my invention for use as a toy, as if desired the sheets may be made of coloured velveteen or other suitable fabric with the lines of a pattern printed thereon. Then by cutting up the sheets on the lines of the

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pattern into pieces or bits, and reassembling these pieces so as to mix up the colours, and joining the pieces at the edges, a coloured design is produced which can be applied to bed quilts, sofa-pillows, mantel borders, chair and table covers and so on.

Dated this 4th day of January, 1919.

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For the Applicant:—

W. P. THOMPSON & Co.,
12, Church Street, Liverpool.

COMPLETE SPECIFICATION.

Improvements in or relating to Amusement and Educational Devices. 10

I, CHARLES SKAIFE, of 55, Lightbody Street, Liverpool, Electrician, 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:— 15

This invention has for its object a device applicable for use as a toy and other purposes for producing colour effects.

It comprises sheets of paper or other suitable material of different colours, one sheet for instance being green, another brown, another purple, another yellow, another blue, another red, another white and so on. Each sheet has printed on it the lines of a pattern, such lines forming a guide by which each sheet can be cut up into loose bits or pieces. This pattern or design is the same on each set of sheets. Therefore by accurately cutting up the differently coloured sheets by scissors on the lines of the pattern or design into loose bits or pieces, and carefully piecing or assembling together edge to edge the pieces or bits taken from the various sheets, a large variety of artistic patterns or colour combinations can be produced. If desired in order to facilitate cutting, the lines of the pattern may be perforated or the paper may be made thinner at that point *e.g.* by stamping the design. 20 25

The pieces cut from each sheet being interchangeable a child will find amusement in assembling the coloured pieces together and in producing different combinations of colour effects. If for instance a dozen sheets were provided in each set, each of a different colour, a practically unlimited number of changes could be effected. The invention is however not only useful as a toy, but is useful as an educational device, because it will train a child's hand to accuracy of cutting, and the eye to symmetry and to tastefulness in the blending of the colours. The sheets can if desired have an adhesive applied to the back so that when cut up into bits they can be fastened to paper or cardboard in the process of assembling and thus form a permanent record of a child's performance. Each set of sheets may be bound up for convenience into a book, the particular design in a book being of course the same throughout so that the bits cut out therefrom shall be interchangeable, while another book may have a different design throughout its sheets. The designs used may of course be any suitable ones, such as geometrical, floral, scrolls, birds, butterflies, children's figures and so on, in fact there is scarcely any limit to the number of designs which may be produced. 30 35 40 45

Figure 1 shows by means of dotted lines one example of the manner in which the sheets are printed, while the full lines show different shapes A, B, C, D, E, F, which can be obtained by cutting along the dotted lines in the manner indicated. 50

Figure 2 is one example of a design made up from the pieces cut from such a sheet, in this case by utilising pieces of the shapes D and E. It will be understood that these figures are purely illustrative as it would be impossible to give a limited number of drawings to exhaust the possible combinations. In Fig. 2, the shapes D & E are cut from different coloured sheets as indicated by the heraldic convention.

Usually speaking, the sheets will be of the same colour all over, but if desired, the edges of the individual shapes on the sheets may be shaded so that the edges are darker or lighter in order to obtain greater variety in the resulting patterns.

I do not confine my invention for use as a toy, as if desired the sheets may be made of coloured velveteen or other suitable fabric with the lines of a pattern printed thereon, or printed on paper attached thereto. Then by cutting up the sheets on the lines of the pattern into pieces or bits, and reassembling these pieces so as to mix up the colours, and joining the pieces at the edges, a coloured design is produced which can be applied to bed quilts, sofa-pillows, mantel borders, chair and table covers and so on.

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

1. An improved educational, amusement, or the like device consisting of a plurality of differently coloured sheets having patterns thereon which are adapted to be cut up to produce interchangeable elements which can be assembled to produce different designs, substantially as and for the purpose described.
2. A method of producing fabric and other designs by adopting the procedure described in Claim 1.
3. A device as claimed in Claim 1 in which the pattern elements are shaded for the purpose described.
4. A device as claimed in Claim 1 in which the sheets are made adhesive at the back.
5. An improved educational, amusement or the like device substantially as described.

Dated this 4th day of July, 1919.

For the Applicant:—

W. P. THOMPSON & Co.,
12, Church Street, Liverpool,
Chartered Patent Agents.

FIG. 1. FIG. 2. FIG. 3. FIG. 4. FIG. 5. FIG. 6. FIG. 7. FIG. 8. FIG. 9. FIG. 10. FIG. 11. FIG. 12. FIG. 13. FIG. 14. FIG. 15. FIG. 16. FIG. 17. FIG. 18. FIG. 19. FIG. 20. FIG. 21. FIG. 22. FIG. 23. FIG. 24. FIG. 25. FIG. 26. FIG. 27. FIG. 28. FIG. 29. FIG. 30. FIG. 31. FIG. 32. FIG. 33. FIG. 34. FIG. 35. FIG. 36. FIG. 37. FIG. 38. FIG. 39. FIG. 40. FIG. 41. FIG. 42. FIG. 43. FIG. 44. FIG. 45. FIG. 46. FIG. 47. FIG. 48. FIG. 49. FIG. 50. FIG. 51. FIG. 52. FIG. 53. FIG. 54. FIG. 55. FIG. 56. FIG. 57. FIG. 58. FIG. 59. FIG. 60. FIG. 61. FIG. 62. FIG. 63. FIG. 64. FIG. 65. FIG. 66. FIG. 67. FIG. 68. FIG. 69. FIG. 70. FIG. 71. FIG. 72. FIG. 73. FIG. 74. FIG. 75. FIG. 76. FIG. 77. FIG. 78. FIG. 79. FIG. 80. FIG. 81. FIG. 82. FIG. 83. FIG. 84. FIG. 85. FIG. 86. FIG. 87. FIG. 88. FIG. 89. FIG. 90. FIG. 91. FIG. 92. FIG. 93. FIG. 94. FIG. 95. FIG. 96. FIG. 97. FIG. 98. FIG. 99. FIG. 100.

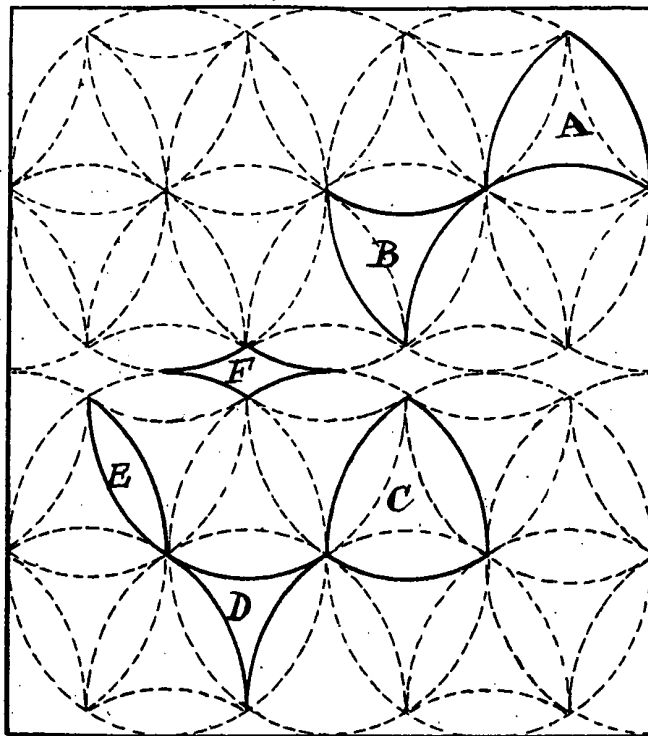


Fig. 1.

Fig. 2.

