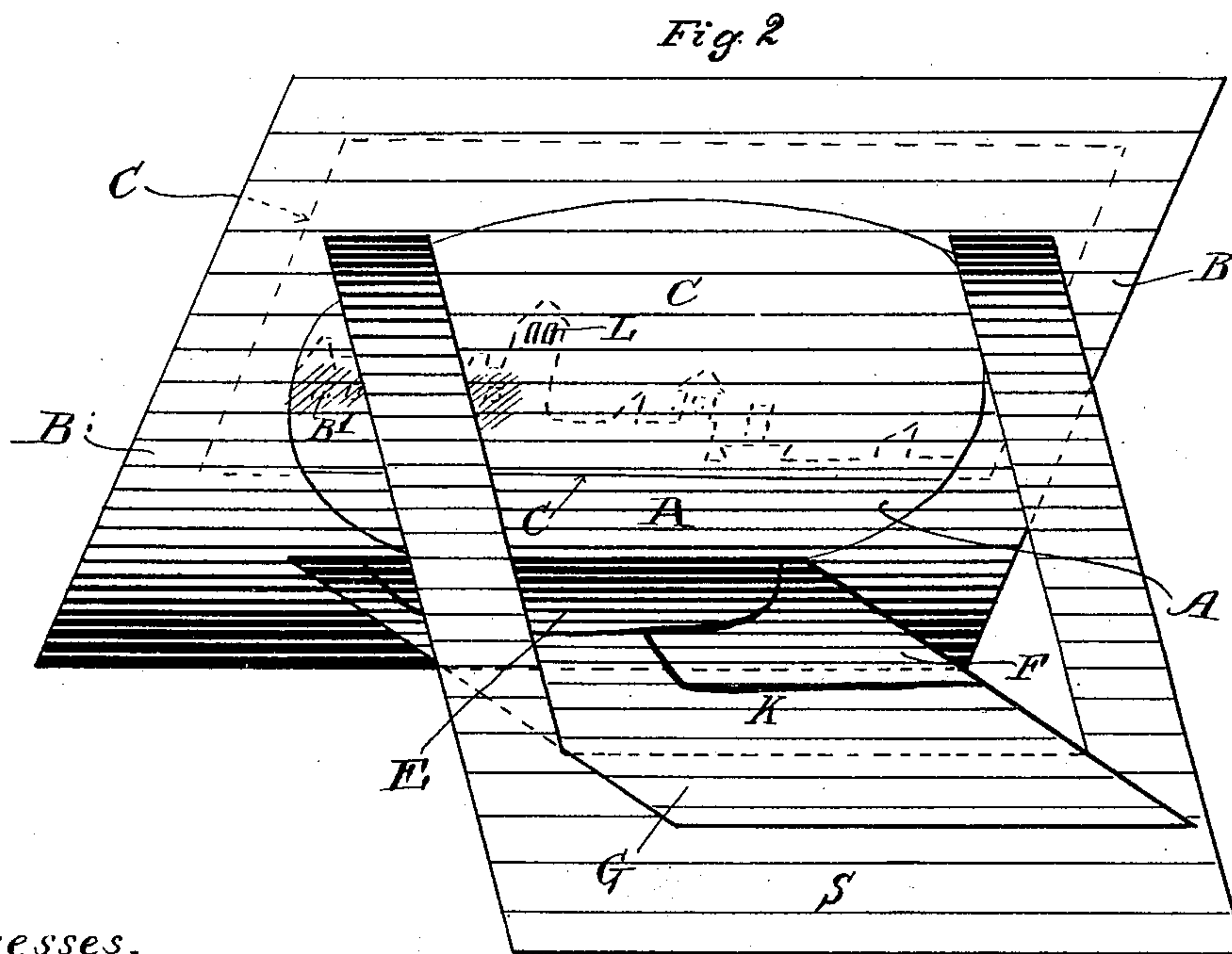
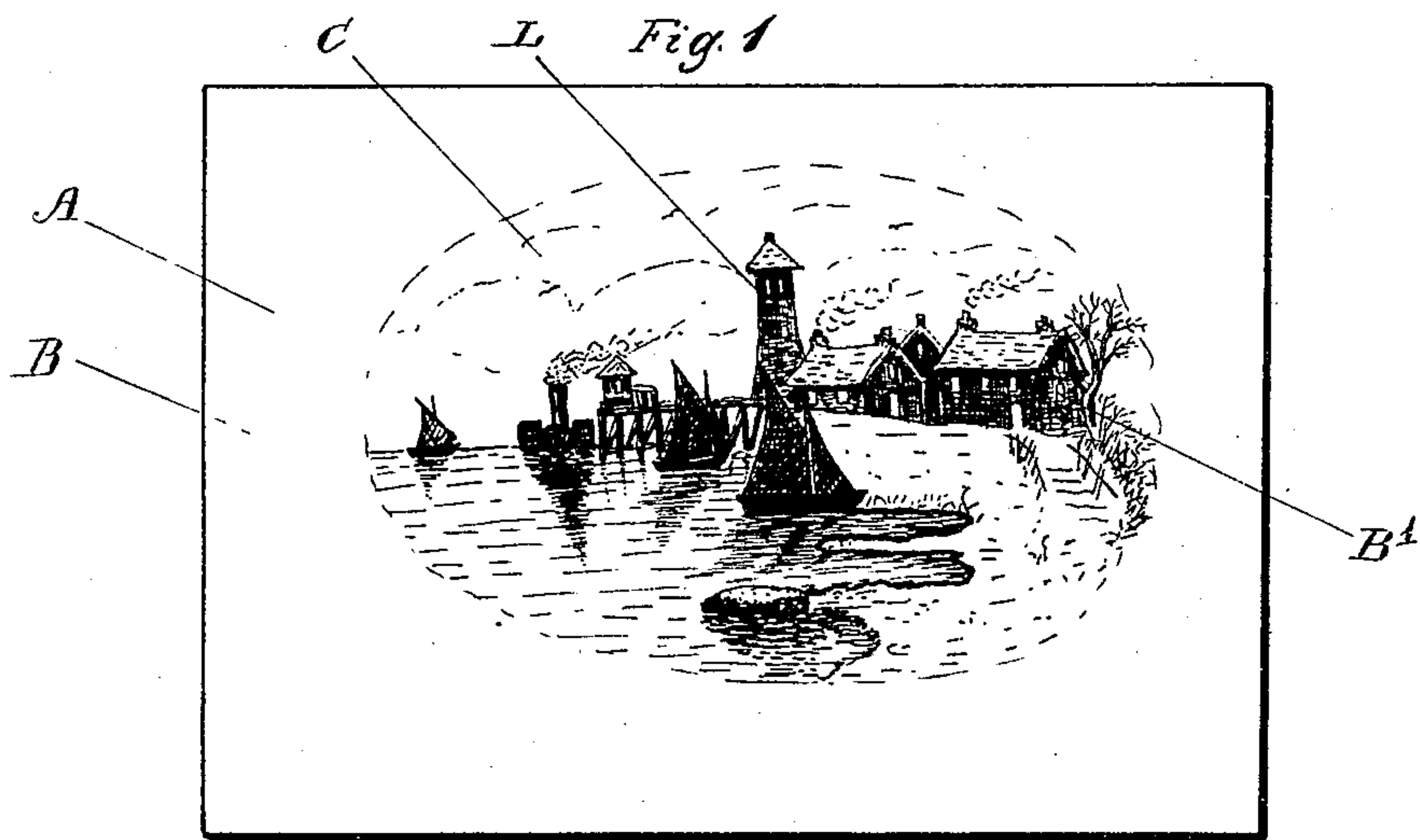


(No Model.)

C. HEYMANN.
CHRISTMAS CARD.

No. 481,173.

Patented Aug. 23, 1892.



Witnesses.

A. Haddan

A. L. Melhuish

Inventor.

Carl Heymann.

By his Attorney.

A. Haddan

UNITED STATES PATENT OFFICE.

CARL HEYMANN, OF BERLIN, GERMANY.

CHRISTMAS-CARD.

SPECIFICATION forming part of Letters Patent No. 481,173, dated August 23, 1892.

Application filed March 22, 1892. Serial No. 426,025. (No model.) Patented in England August 19, 1891, No. 14,013, and in Germany February 9, 1892, No. 61,857.

To all whom it may concern:

Be it known that I, CARL HEYMANN, a subject of the Emperor of Germany, residing at Berlin, Germany, have invented a certain new and useful Improvement in Christmas-Cards, (for which I have obtained Letters Patent in Germany, No. 61,857, dated February 9, 1892, and in England, No. 14,013, dated August 19, 1891,) of which the following is a specification.

The object of this invention is to provide means for reflecting light in such a way as to illuminate Christmas greeting-cards and the like, made as hereinafter described, so as to obtain sunshine, sunset, moonlight, or like effects in a manner more realistic than can be obtained by simply painting or coloring or by any method of reflection already in use.

Reference being made to the annexed drawings, Figure 1 is a front view, and Fig. 2 a rear perspective view, of the improved card.

The card is made as follows: Any picture suitable for receiving effect of lighting—such as the landscape shown in the annexed drawings—is lithographed or printed in colors on paper A of such thickness as to allow a small quantity of light to pass through it. The border round the picture and such parts of the picture itself as are to remain dark are faced (or backed) with thick paper or card B, and on the other hand those parts of the picture which are to appear strongly lighted are cut or stamped out—for instance, in the landscape shown in Fig. 1, the sky and the windows. Behind these places so cut out is pasted thin transparent paper C, which may be brushed over with colors where desired—for instance, to give a reddish light behind the windows at B'. Any parts which are to be especially brightly illuminated are left as free openings in the picture—for instance, the lighthouse-light L.

The lighting is done by means of a reflecting-card K, placed on the back of the card, as in Fig. 2, and arranged to be supported—for instance, by the stand s—at such an angle as best to reflect light onto the back of the picture. This card K is covered on its upper surface with pieces of colored foil so arranged

as to reflect their respective colors to that part of the picture intended to be lighted with that color. Thus E may be a green foil, F a yellow foil, and G a red foil. If the card is stood up back to the light, the picture will be seen as illuminated with a fine effect of gradation of tone and color or tint, and the places L cut out and left uncovered with transparent paper will appear the most brilliantly lighted, as here the reflection from the foil passes direct to the eye. The transparently-covered openings in the paper are less lighted and the uncut-out parts of the picture less still, while the parts faced or backed with card or thick paper B remain dark. By placing the picture more or less steeply before the light the lighting may be increased or diminished and the various lighting effects be obtained.

I claim—

1. The combination, in a Christmas greeting-card or the like, of a picture having different parts of different degrees of transparency with a reflecting-card hinged to reflect light on the back of said picture, the said card having on its face pieces of colored foil adapted to reflect light upon the back of said picture for the production of effects of lighting appropriate to the subject of said picture, substantially as described.

2. In a Christmas greeting-card or the like, the combination of a slightly-translucent paper A, having a picture and having part thereof cut away, a non-translucent card B, a very translucent paper C, filling the cut-away parts of the picture, certain non-covered puncture or punctures L, permitting direct view of the reflecting-back through paper A, and a reflecting-back G, having colored foils thereon, as and for the purpose specified.

In witness whereof I have signed this specification in presence of two witnesses.

CARL HEYMANN.

Witnesses:

GUSTAV SCHADE,
Berlin, Schönhauser Allee, 164.

G. MORIZ,
Berlin, 2 Melanchthon Strasse.