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The young man's book of amusement

Halifax, 1848

To facilitate the Painting on Glass, by laying on Mezzotinto Prints, for
Magic Laterns, &c.

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temper your colours with strong white varnish. A pleasing effect will be produced, if you leave strong lights in some parts of the drapery, &c. without any colours. The best colours for this purpose are transparent ones; opaque or mineral colours will not do. The following are in most repute.

For Pink and crimson.	Lake or carmine.
Blue.....	Prussian Blue.
Green.....	Calcined verdigris, or distilled ditto.
Yellow.....	Gamboge.

To facilitate the Painting on Glass, by laying on Mezzotinto Prints, for Magic Lanterns, &c.

Cut off the margin of the print you intend to use, and lay it in a flat vessel of hot water; let it remain on the surface till it sinks. Take it out and press it between cloths or papers, so that no water may appear on the surface, but the print be quite damp; then lay it, face uppermost, on a flat table, and have ready a piece of crown glass free from blemishes; lay some Venice turpentine all over on one side of it with a soft brush, hold it to the fire that it may be quite equal and thin: then let it fall gently on the print. Press it down, that the turpentine may adhere to the print; also press the print with your fingers, from the middle to the edges of the glass, that no blisters may remain. Wet the print now with a soft cloth, and rub it gently with your finger,

and the paper will peel off, leaving the impression on the glass. When it is dry, wet it over with oil of turpentine till it is transparent, and set it by to dry, when it will be fit for painting.

The colours used for the painting are the usual transparent oil colours.

Subjects for magic lanterns may be painted by these who cannot paint in oil, on thin paper in water colours, and afterwards varnished to make them transparent.

New Construction of Magic Lantern Sliders.

A very beautiful mode of exhibiting an optical fountain is described below.

Take a frame of brass, of the same size and thickness as a magic lantern slider, and introduce a number of pieces of twisted glass, so that they may all be made to revolve in conjunction by turning a handle provided for the purpose. If the frame be now introduced into the lantern, and a painted plate of glass representing a fountain be placed in the front, it will be found, that when the twisted glass is turned, streams of water will appear to ascend on the screen in the most perfect way possible.

To represent a Storm at Sea.

Provide two strips of glass, whose frames are thin