

CIRCUIT BOARD FOR OPTICAL ELEMENT

ABSTRACT

An optical reading or writing apparatus includes a circuit board for an optical element which is used to irradiate document reading light upon an document, or to irradiate image writing light upon a photosensitive material. The board is a transparent layer in the form of a film (1), with one or a plurality of metal electrodes (2) formed on a first principal surface of the transparent layer (1) on the light incidence side along a lighting window (5) which is defined so as to extend perpendicularly to the moving direction of the document or the photosensitive material in order to transmit the light therethrough. A conductive charge preventing layer (3) with light intercepting properties is formed on a second principal surface of the transparent layer (1) and is opposed to the original or the photosensitive material so as to define the lighting window (5). An optical reading element (9) or an image writing optical element is mounted on the metal electrode (2) or any of the metal electrodes (2).

Figure 1A

This Sheet Has Been Replaced

