ABSTRACT OF THE DISCLOSURE

ADAPTIVE WRITING CIRCUIT FOR RECORDNG APPARATUS

An adaptive writing circuit for writing input data on an optical recording medium using a write pulse for light source and whose waveform comprises of a first pulse, a last pulse and a multi-pulse train, the adaptive writing circuit comprising a discriminator to discriminate a magnitude of the present mark of the input data and magnitudes of the leading and/or trailing spaces of the present mark; a generator to control the waveform of the write pulse in accordance with the magnitude of the present mark of the input data and the magnitudes of the leading and/or trailing spaces to generate an adaptive write pulse; and a driver for driving the light source by converting the adaptive write pulse into a current signal in accordance with driving power levels for respective channels for the adaptive write pulse.

FIG. 2