ABSTRACT

PRINTING APPARATUS, PRINTING MATERIAL CARTRIDGE, ADAPTOR FOR PRINTING MATERIAL CONTAINER, AND CIRCUIT BOARD

A printing material cartridge comprises: a memory device; a plurality of first terminals through which a power source voltage and signals for operating the memory device are supplied from a printing apparatus; and a plurality of second terminals to be used for detecting attachment conditions of the printing material cartridge in a cartridge attachment unit. The plurality of first terminals have a plurality of first contact portions that get in contact with corresponding apparatus-side terminals when the printing material container is properly attached to the cartridge attachment unit. The plurality of second terminals have a plurality of second contact portions that get in contact with corresponding apparatus-side terminals when the printing material container is properly attached to the cartridge attachment unit. The plurality of first and second contact portions are arranged so as to form a first row and a second row. Four contact portions among the plurality of second contact portions are placed at both ends of the first and second rows, respectively.

Figure 3A