

ABSTRACT

PRINTING APPARATUS COMPRISING PLURAL PRINTING MECHANISMS

A compact printing apparatus having both receipt printing and journal printing capabilities is provided in a configuration enabling POS stations equipped with a personal computer, display, and cash drawer to be assembled with good space utilization efficiency for installation in places with minimal space availability.

A receipt printing mechanism 10, receipt paper housing 17 for receipt printing roll paper 11, journal printing mechanism 20, roll paper housing 27 for journal printing roll paper 21, and take-up reel housing 29 for take-up reel 22 onto which printed journal paper is taken up are arranged in line from front 6a to back 6c of printer 5. This arrangement enables part of the paper path of the printed journal paper to be seen from outside the printer. This in-line arrangement also prevents wasted space inside printer 5, and achieves a narrow, compact, high reliability printer whereby the result of journal printing can be visually confirmed from outside the printer. The planar arrangement of these components also retains the good maintenance and operation characteristics of the printer.

Figure 3