

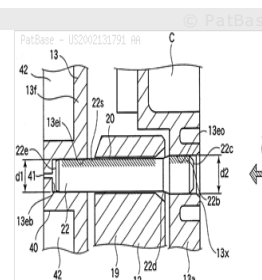
1) Family number: 28287830 (US2002131791 AA)

ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS AND PROCESS CARTRIDGES

Abstract: Source: US2002131791 AA The process cartridge has an electrophotographic photosensitive drum, a developing member, a first frame for supporting the electrophotographic photosensitive drum, a second frame for supporting the developing member, a coupling pin for coupling the first frame to the second frame so as to be rotatable relative to each other, a first hole through which the coupling pin penetrates and which is provided in the first frame, a second hole into which the coupling pin is press-fitted and which is provided in the second frame, and a closed portion provided at a leading end of the coupling pin in a press fit direction in order to close the second hole.

Probable Assignee: CANON INC

Earliest Publication Date: 20020919



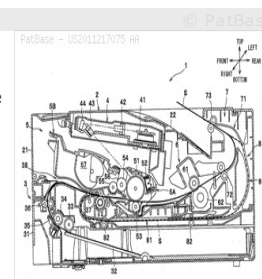
2) Family number: 49551932 (US2011217075 AA)

IMAGE FORMING APPARATUS

Abstract: Source: US2011217075 AA A positioning guide is configured to guide a rotational axis of a photosensitive body when a process cartridge is mounted on a main body, and to determine a position of the rotation axis of the photosensitive body with respect to the main body in a mounting state in which the process cartridge has been mounted on the main body. A photosensitive body drive gear is configured to be capable of rotating in a forward and reverse direction and to transmit a rotational drive force to the photosensitive body in the mounting state. A regulating member is configured to be in a lock state and an unlock state. In the lock state, the regulating member prohibits the rotational axis of the photosensitive body from moving in the mounting/removing direction. The rotational axis of the photosensitive body is released from the regulating member in the unlock state.

Probable Assignee: BROTHER IND LTD

Earliest Publication Date: 20110908



3) Family number: 12893304 (US5164779 A)

IMAGE FORMING APPARATUS WITH DUAL VOLTAGE SUPPLIES FOR SELECTIVELY CHARGING AND DISCHARGING AN IMAGE BEARING MEMBER

Abstract: Source: US5164779 A An image forming apparatus includes a charger for charging an image bearing member. The charger includes a charging member contacted to the image bearing member and supplied with a voltage. The charger functions both as discharging device and charging device by switching a voltage applied thereto. The apparatus is made smaller, simpler and less expensive in cost.

Probable Assignee: CANON INC

Earliest Publication Date: 19880830

