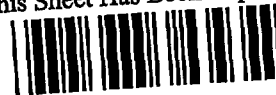


ABSTRACT**IMAGE FORMING EQUIPMENT AND TONER QUANTITY
DETECTION DEVICE THEREFOR**

Image forming equipment, which includes a developing device for supplying toners to the surface of a photosensitive member and developing a latent image on the surface of the photosensitive member to thereby form a toner image; a cleaning device for removing and collecting residual toners adhered to the surface of the photosensitive member after the toner image formed by the developing device is transferred to paper; a toner delivery device interposed in a closed loop between the developing device and cleaning device for delivering part of the surplus toners that have not been used for development in the development device to the cleaning device and for delivering the residual toners collected by the cleaning device to the developing device; and a toner tank for supplying toners to a toner delivery path R of the toner delivery device, is provided. In the image forming equipment, by providing a detection system for detecting the depletion of the toners with respect to the toner delivery path, the residual quantity of toners can be detected positively without increasing the size of the developing device.

[Figure 16]

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED