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REFILL STATION

ABSTRACT

A refill station adapted to dock an ink replenishment cartridge and a printer cartridge to have its ink replenished using a flow system whereby cannula or needle interconnection with the system of the cartridges allows electronic monitoring and sequencing of the operations. The flow system has threshold valving, at least one damped route, at least one by pass route and a pump whereby ink can be cleared from the printer cartridge and be replaced by more ink from the replenishment cartridge. Pressure relief and ink quality maintenance procedures are embodied in flow system.