

TECHNIQUES FOR ADAPTING A SMALL FORM FACTOR
INK-JET CARTRIDGE FOR USE IN A CARRIAGE
SIZED FOR A LARGE FORM FACTOR CARTRIDGE

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ABSTRACT OF THE DISCLOSURE

-An ink delivery system which includes a short form factor ink jet pen having a supply of ink for depositing on an ink receiving medium. An adapter is mounted to the short form factor pen to permit it to be removably mounted within a pen receptacle or stall dimensioned to receive a tall form factor pen. The ink jet cartridge includes a housing, a printhead mounted on the housing, datum surfaces on the housing for registering a position of the housing in a fixed, repeatable position in a first carriage structure, and a cartridge set of electrical contacts mounted to the cartridge housing and electrically coupled to the printhead. The cartridge set of electrical contacts is positioned on the housing for electrical contact with a corresponding first carriage set of electrical contacts when the cartridge is mounted in the first carriage structure. The adapter structure is mounted to the cartridge housing to provide an assembly of the adapter structure and the cartridge, the assembly adapted for mounting in a second carriage structure configured to receive an inkjet cartridge of a different size in a fixed, repeatable position. The second carriage structure has a second carriage set of electrical contacts, and contact is made between the set of electrical contacts and the second carriage set of contacts when the cartridge is in the fixed, repeatable position in the second carriage structure.

