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- (71) Applicant: Hewlett-Packard Company Fort Collins, CO 80527-2400 (US)

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- (72) Inventors:
 - Sturgeon, Scott D. Vancouver Washington 98683 (US)
 - Steinmetz, Charles R. Corvallis Oregon 97330 (US)
 - Johnson, David C.
 Portland Oregon 97212 (US)
- (74) Representative:
 Tunstall, Christopher Stephen et al
 Carpmaels & Ransford
 43 Bloomsbury Square
 London WC1A 2RA (GB)

(54) Ink container for reliable electrical connection with a receiving station

The present disclosure relates to a replaceable ink container 12 for providing ink to an inkjet printing system 10. The replaceable ink container 12 includes an engagement feature 42 disposed on the leading edge 72 and configured for engagement with corresponding engagement features 48 associated with the inkjet printing system 10. The engagement features 48 define a pivot axis 92 about which the replaceable ink container 12 pivots during insertion into the inkjet printing system 10. Also included with the replaceable ink container 12 is a plurality of electrical contacts 78 disposed on a leading edge 72 relative to an insertion direction. The plurality of electrical contacts 78 are disposed on the replaceable ink container 12 below the pivot axis 92 so that pivoting the replaceable ink container 12 about the pivot axis 92 during insertion causes the plurality of electrical contacts 78 on the ink container 12 to move toward corresponding electrical contacts 64 associated with the printing system 10 to establish electrical interconnection therebetween.

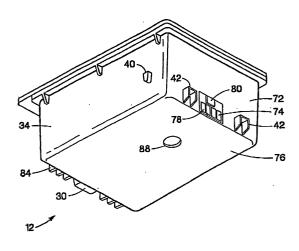


Fig. 7



EUROPEAN SEARCH REPORT

Application Number EP 03 07 8615

Category	Citation of document with indication of relevant passages	on, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
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				TECHNICAL FIELDS SEARCHED (Int.Cl.7) B41J	
	The present search report has been d	rawn up for all claims			
	Place of search	Date of completion of the search	0:	Examiner	
Munich CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category		E : earlier patent docun after the filing date D : document cited in th L : document cited for c	T: theory or principle underlying the invention E: earlier patent document, but published on, or		
A:tech O:non	nological background -written disclosure	& : member of the sam	e natent family	corresponding	

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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