

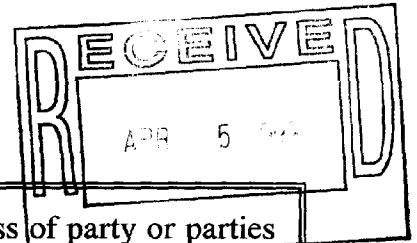
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1. Name of party or parties conveying an interest:

Robert Alan Harvey  
Giuseppe Mario Lombardi  
Salhadin Omer  
Stephen Temple

2. Name and address of party or parties receiving an interest:

Name: Xaar Technology Limited  
Street Address: Science Park  
City: Cambridge CB4 4FD  
Country: Great Britain  
Zip:

3. Description of the interest conveyed:

☒ Assignment  
☐ Merger  
☐ Change of Name  
☐ Security Agreement

Other:

Execution Date: March 12, 1999

4. Application number(s) or patent number(s). Additional sheet attached?  
YES \_\_\_\_\_ NO ☒ X

If the document is being filed together with a new application, the execution date of the application is:

A. Patent application no.(s): 09/238,378  
filed January 27, 1999

B. Patent no.(s):

5. Name and address of party to whom correspondence concerning this cover sheet should be mailed:

Name: James P. Zeller  
Reg. No. 28,491  
MARSHALL, O'TOOLE, GERSTEIN,  
MURRAY & BORUN  
Street Address: 6300 Sears Tower,  
233 South Wacker Drive  
City: Chicago  
State: Illinois Zip: 60606-6402

6. Number of applications and/or patents identified on this cover sheet:

1

7. Amount of fee enclosed or authorized to be charged:  
\$ 40.00

8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-2855

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Date: March 30, 1999

James P. Zeller

Reg. No. 28,491

Total number of pages including cover sheet, attachments, and document: 2

04/14/1999 VBRDM 00000224 09238378

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**A S S I G N M E N T**

Serial No: 09/238,378

Filed: January 27, 1999

Title: DROPLET DEPOSITION APPARATUS AND METHODS OF MANUFACTURE THEREOF

For ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to Xaar Technology Limited, Science Park, Cambridge CB4 4FD, Great Britain (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this 12th day of March, Nineteen Hundred and Ninety Nine.

Witnesses:

1) K. SealeName: KI SEALE2) I. HartwellName: I P HARTWELL

R. Harvey  
Robert Alan Harvey

G. Lombardi  
Giuseppe Mario Lombardi

Salhadin Omer  
Salhadin Omer

Stephen Temple  
Stephen Temple