

07-09-1998

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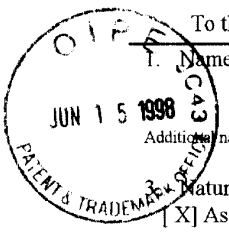


Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks

and original documents or copy thereof.



1. Name of conveying party(ies): Robert F. McLoughlin

2. Name and address of receiving party(ies):

Additional name(s) of conveying party(ies) attached? [ ] Yes [ ] No

Name: Millipore Corporation  
Street Address: 80 Ashby Road  
Bedford, Massachusetts 01730

3. Nature of Conveyance:  
[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name

Additional name(s) & address(es) attached? [ ] Yes [X] No

Execution Date: June 5, 1998

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/060,524

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications

Name: Barry N. Young  
Internal Address: **GRAY CARY WARE & FREIDENRICH**

and patents involved:

1

400 Hamilton Avenue  
Palo Alto, California 94301

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00  
[ ] Enclosed

[X] Authorized to be charged to deposit account

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barry N. Young  
Name of Person Signing

June 10 1998  
Date

Total number of pages comprising cover sheet: 3

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File No. 103316-991100  
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## ASSIGNMENT

WHEREAS, the following inventor:

Robert F. McLoughlin, has made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled Variable Step Rate Precision Pumping Apparatus the specification of which was filed on April 14, 1998 as Serial No. 09/060,524;

WHEREAS, Millipore Corporation, a corporation of the state of Massachusetts, whose address is 80 Ashby Road, Bedford Massachusetts 01730, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title, and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

