



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**James P. Quill**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **AXCELIS TECHNOLOGIES, INC.**  
Internal Address: **ATTN: JOHN A. KASTELIC**  
Street Address: **55 CHERRY HILL DRIVE**  
City: **BEVERLY** State: **MA** Zip: **01915-1053**  
Additional name(s) & address(es) attached? Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: **December 18, 2000**

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: **12/18/00.**  
A. Patent Application No.(s) | B. Patent No.(s)  
Additional numbers attached? Yes  No

91742910

JC912 U.S. PTO  
09/742910



5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **EATON CORPORATION**  
Internal Address: **ATTN: JOHN A. KASTELIC**  
Street Address: **EATON CENTER  
1111 SUPERIOR AVENUE**  
City: **CLEVELAND** State: **OHIO** Zip: **44114-2584**

6. Total number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41). . . . . \$**40.00**  
 Authorized to be charged to deposit account  
8. Deposit Account Number: **05-0275**

DO NOT USE THIS SPACE

9. Statement and signature.  
*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.*

John A. Kastelic  
Name of Person Signing

John A. Kastelic  
Signature

12/20/00  
Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks

Box Assignments  
Washington, D.C. 20231

01/11/2001 DMGUYEN 00000232 050275 09742910

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**ASSIGNMENT**

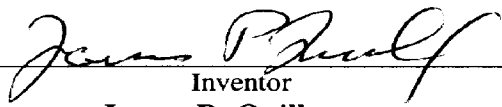
WHEREAS, I, **James P. Quill**, of **32 Sunset Drive - Wakefield**, in the County of **Middlesex**, State of **Massachusetts**, have invented certain improvements in

**CONTAMINANT COLLECTOR TRAP FOR ION IMPLANTER**

for which we are about to make application for Letters Patent of the United States; and,


WHEREAS, **AXCELIS TECHNOLOGIES, INC.**, a corporation organized and existing under the laws of the State of Ohio, having its principal place of business at Eaton Center, 1111 Superior Avenue, Cleveland, Ohio 44114-2584, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of my employment and the salary or wages paid to me by **AXCELIS TECHNOLOGIES, INC.**, I, **James P. Quill**, by these presents do sell, assign, and transfer unto said **AXCELIS TECHNOLOGIES, INC.**, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by me on the 18th day of December, 2000, (and I hereby authorize my attorneys, authorized to prosecute said application, to here insert the filing date and serial number of the said application, as soon as it is known, Serial No. \_\_\_\_\_, Filed \_\_\_\_\_, preparatory to obtaining Letters Patent of the United States therefor;) said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said **AXCELIS TECHNOLOGIES, INC.**, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made; and I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for Letters Patent of the United States of America and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention or Letters Patent therefor for the benefit of my assignee without further or other compensation than that above set forth; and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to **AXCELIS TECHNOLOGIES, INC.**, as assignee thereof.

  
Inventor  
**James P. Quill**

STATE OF Massachusetts  
COUNTY OF Essex )<sup>SS</sup>:

On this 18th day of December, 2000, before me personally appeared **James P. Quill**, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

  
Notary Public Richard A. Whalen

My Commission Expires: 9/24/2004

(SEAL)  
9/24/2004