PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

APPLICATION NUMBER 10/064219

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Berry, Ivan
Execution Date: 06/19/2002

Name: Janos, Alan C. Execution Date: 06/13/2002

Name: Colson, Michael Bruce

Execution Date: 06/13/2002

RECEIVING PARTY DATA

Name: Axcelis Technologies, Inc.

Street Address: 55 Cherry Hill Drive

Internal Address:

City: Beverly

State: MASSACHUSETTS

Country:

Postal Code: 01915

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** (860) 286-0115

CORRESPONDENCE DATA:

Correspondence will be sent via US Mail when a fax number

has not been provided or the fax attempt is unsuccessful.

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CUSTOMER NUMBER: 023413

NAME OF PERSON SIGNING: Peter R. Hagerty

DATE SIGNED: 06/21/2002

Total Attachments: 2

PATENT REEL: 12817 FRAME: 0766

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PATENT REEL: 12817 FRAME: 0767

ASSIGNMENT

WHEREAS we, Ivan Berry of 3716 Font Hill Drive, Ellicott City, MD 21042; Alan C. Janos of 15804 Pioneer Hills Terrace, Darnestown, MD 29874, and Michael Bruce Colson of 7441 Woodbine Road, Woodbine, MD 21797 have invented certain new and useful improvements in:

DIELECTRIC BARRIER DISCHARGE APPARATUS AND PROCESS FOR TREATING A SUBSTRATE

for which I/We are about to file an application for Letters Patent of the United States;

AND WHEREAS, Axcelis Technologies, Inc., a Delaware corporation having its principal office and place of business at 55 Cherry Hill Drive, Beverly, Massachusetts, 01915, is desirous of acquiring an interest, in the United States and all foreign countries, in and to the said invention and the Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable considerations, the receipt of all of which is hereby acknowledged, we, Ivan Berry, Alan C. Janos and Michael Bruce Colson, the said; have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Axcelis Technologies, Inc., the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application which I/We have executed on the date set forth hereunder; and I/We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuation-in-part, divisions and reissues thereof, to the said Axcelis Technologies, Inc., as assignee of the entire right, title and interest in and to the same, for the sole use and behoof of Axcelis Technologies, Inc., its successors and assigns; and I/We do hereby agree that the said Axcelis Technologies, Inc., may apply for foreign Letters Patent on said invention and that I/We will execute all papers necessary in connection with the United States and foreign applications when salest upon to do

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so by the said Axcelis Technologies, Inc., its successors or assigns, and that I/We will, at the cost and expense of the said Axcelis Technologies, Inc. fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

By: Ivan Berry	Dated: $6 - 48 - 0 \ge$
Witnessed by: A b 4/9/0 Signature and Date	Pawa Barton Printed Name of Witness
By: Man C. Jenos Alan C. Janos	Dated: 6/13/02
Witnessed by: At 6/13/0. Signature and Date	2 Paula Barton Printed Name of Witness
By: Michael Bruce Colson Michael Bruce Colson	Dated: 6/13/02
Witnessed by: Signature and Date	2 Paula Barton Printed Name of Witness PATENT