

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Neil K. Colvin	11/30/2010
Tseh-Jen Hsieh	11/30/2010
RECEIVING PARTY DATA	
Name:	Axcelis Technologies, Inc.
Street Address:	108 Cherry Hill Drive
City:	Beverly
State/Country:	MASSACHUSETTS
Postal Code:	01915-1053
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12948369
CORRESPONDENCE DATA	
Fax Number:	(216)502-0601
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	EATNP300US
NAME OF SUBMITTER:	Thomas G. Eschweiler
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$40.00 12948369

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PATENT
REEL: 025460 FRAME: 0428

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Neil K. Colvin	Tseh-Jen Hsieh
5 Dunbarton Drive	24 Wilson Pond Lane
Merrimack, NH 03054	Rowley, MA 01969

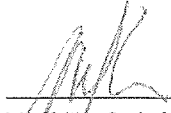
NOW, THEREFORE, for and in consideration of our employment and the salary or wages paid to us by Axcelis Technologies, Inc., we, Neil K. Colvin and Tseh-Jen Hsieh by these present do sell, assign, and transfer unto said Axcelis Technologies, Inc., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 108 Cherry Hill Drive, Beverly, Massachusetts 01915-1053, is desirous of acquiring an interest therein, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

HYDROGEN COGAS FOR CARBON IMPLANT

for which application for United States Letters Patent has been filed on November 17, 2010 under Serial No. 12/948,369, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all

documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

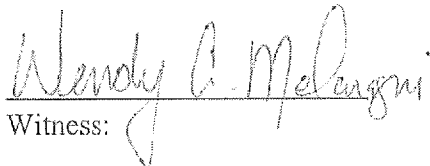
Signed (Inventor #1):



Neil K. Colvin

11/30/10

Date:




Witness:

11/30/10

Date:

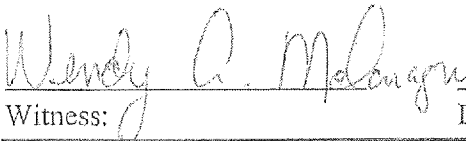
Signed (Inventor #2):



Tseh-Jen Hsieh

11/30/10

Date:



Witness:

11/30/10

Date: