



ASSIGNMENT

IN CONSIDERATION of one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, John S. Hallock and Robert D. Mohondro, citizens of the United States of America, and having post office addresses of 1013 Coniston Court, Potomac, Maryland 20854 and 7380 Norris Avenue, Sykesville, Maryland 21784, respectively, do hereby sell, transfer, set over and assign unto Axcelis Technologies, Inc., a Delaware corporation having a place of business at 55 Cherry Hill Drive, Beverly, Massachusetts, its successors, assigns, nominees, or other legal representatives (hereinafter collectively referred to as ASSIGNEE), the entire right, title and interest in and to the invention entitled PROCESS FOR REDUCING EDGE ROUGHNESS IN PATTERNED PHOTORESIST, invented by us and the application for United States patent therefor, filed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent to said ASSIGNEE as assignee and owner of the said entire interest, and covenant that we have full right to convey said entire interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith, and agree that

We will communicate to said ASSIGNEE all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said ASSIGNEE desires to file a disclaimer relating thereto, we will upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer, and

We further covenant and agree that we will, at any time upon request, do everything legally possible to aid said ASSIGNEE either in its or our own name, to apply for, obtain and enforce proper patent protection in all countries, including priority rights granted to patents in foreign countries according to all the laws and treaties in force, all without further consideration but at the expense of said ASSIGNEE.

John S. Hallock  
John S. Hallock

Robert D. Mohondro  
Robert D. Mohondro

State of Maryland )  
 ) SS  
County of Montgomery )

This 13<sup>th</sup> day of November, 2000, before me personally came the above-named John S. Hallock and Robert D. Mohondro to me personally known as the individuals who executed the foregoing assignment, and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

[Signature]  
Notary Public

My Commission Exp 1/8/11