04-14-2003  N FOF  To the community 2418862  d the attacher	
1. Name of conveying party(ies): (1) Daniel J. Fertig (2) (3)  Additional name(s) of conveying party(ies) attached? [] Ye  3. Nature of Conveyance:  [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	Internal Address:
Execution Date: April 1, 2003  4A. Application No.(s)	Additional name(s) & address(es) attached? [ ] Yes [X] No 4B. Patent No.(s)
If this document is being filed together with a new applicate execution date(s) of the application is: April 1, 2003  Additional numbers attached? [ ] Yes [X] No	Additional numbers attached? [] Yes [X] No
Name and address of party to whom correspondence condocument should be mailed:      Name: Alan M. Koenck	6. Total number of applications and patents involved: [1]
Street Address: <u>Kinney &amp; Lange, P.A.,</u> 312 South Third Street City: <u>Minneapolis</u> State: <u>MN</u> ZIP 55415-1002	7. Total fee (37 C.F.R. 3.41):\$ 40.00
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing infor document.  Alan M. Koenck	mation is true and correct and any attached copy is a true copy of the original  April 2, 2003  Date  Total number of pages including cover sheet, attachments and document: [2]
04/11/2003 LMUELLER 00000168 10405718 01 FC:8021 40.00 DP	

PATENT REEL: 013939 FRAME: 0863

## **ASSIGNMENT**

P440.12-0005

First Named Inventor : Daniel J. Fertig Title : BI-DIRECTIONAL EPITAXIAL DOPING TECHNIQUE WHEREAS, I, Daniel J. Fertig, of 5705 Hansen Road, Edina, Minnesota 55436, USA, have invented certain new and useful improvements as described in an application entitled BI-DIRECTIONAL EPITAXIAL DOPING TECHNIQUE for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. WHEREAS, PolarFab Inc., a corporation organized and existing under the laws of the State of Minnesota, and having offices at 2800 East Old Shakopee Road, Bloomington, Minnesota 55425, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor; NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee. I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries. I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries. Daniel J. Fertig STATE OF MINNESOTA) COUNTY OF Hennepin ) Subscribed and sworn to before me, a Notary Public, this 1st day of April (SEAL)

RECORDED: 04/02/2003

PATENT REEL: 013939 FRAME: 0864