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Attorney Docket No. 2267.541-US-02

FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 1/31/92 Patent and Trademark Office

10/04/2002 01 FC:581

	10 3.02 RECOR	OVER SHEET		OFFICE	
	he Honorable Commissioner of Patents and Trese record the attached original documents or co		FINANCE	2007 OCT -3	OF PU
1.	Name of conveying party(ies): Gregory w. Bores Michael Zabka Ralph Hinderer	2.	Name and address of receiving party(ie); Entegris, Inc. 350 Lyman Boulevard Chaska, MN 55318	からの概念	OFFICE OF PUBLIC RECORDS
	Additional name(s) of conveying party(ies) attached? Yes _X No		Additional name(s) & address(es) attached? Yes _X_ No		08
3.	Nature of conveyance:				
	X Assignment Merg	er			
	Execution Date(s): <u>September 3, 2002</u>				
4.	Application number(s) or patent number(s):	09/851,499			
	If this document is being filed together with a new non-provisional application, the execution date of the application is:				
	A. Patent Application No(s). 09/851,499	В.	Patent No(s).		
	Additiona	l numbers attached? _	Yes X No		
5.	Name and address of party to whom correspo concerning document should be mailed:	ondence 6.	Total number of applications and patents involved: 1		
	Customer No. 24113 Douglas J. Christensen Patterson, Thuente, Skaar & Christensen, P.A 4800 IDS Center 80 South 8th Street Minneapolis, Minnesota 55402-2100	7. A.	X Enclosed Authorized to be charged to deposit account		
		<i>5.</i>	(Attach duplicate copy of this page if paying by deposit account)		
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9.	Statement and signature. To the best of my knowledge and belief, the foof the original document.	oregoing information	is true and correct and any attached copy is a	true co	ру
	Douglas J. Christensen Name of Person Signing	Signatu	ire the		
	9/26/5V Date	Total number of pages comprising cover sheet: 3			

PATENT REEL: 013346 FRAME: 0028

ASSIGNMENT

WHEREAS, we, Gregory W. Bores, residing at 16611 Lyons Avenue SE, Prior Lake, Minnesota 55372, Michael Zabka, residing at 1831 Carnelian Lane, Eagan, Minnesota 55122, and Ralph Hinderer, residing at 1515 Knob Hill Lane, Excelsior, Minnesota 55331, have invented certain new and useful improvements in SHOCK RESISTANT VARIABLE LOAD TOLERANT WAFER, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 09/851,499, filed May 9, 2001.

WHEREAS, Entegris, Inc. ("Assignee"), a corporation organized and existing under the laws of the State of Minnesota, and having its principal offices at 3500 Lyman Boulevard, Chaska, Minnesota 55318, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said provisional/utility application, all applications claiming priority to said provisional/utility application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications

PATENT REEL: 013346 FRAME: 0029 or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

Date: 9302

Gregory W. Bodes

Date: 9/3/02

Michael Zabka

Date: 9/3/02

RECORDED: 10/03/2002

Ralph Henderer