FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

05-02-2001

U.S. Department of Commerce Patent and Trademark Office **PATENT**



101698590 RECORDATION FORM COVER SHEET

S -1-U / PATENTS ONLY			
TO: The Commissioner of Patents and Trademarks	s: Please record the attached original document(s) or copy(jes).		
Submission Type	Conveyance Type		
✓ New	Assignment Security Agreement		
Resubmission (Non-Recordation) Document ID#	License Change of Name		
Correction of PTO Error Reel # Frame #	Merger Other Control of the U.S. Government		
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Agencies) Departmental File Secret File		
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date Month Day Year		
Name (line 1) Lanxide Technology Company, LP	April 27, 2001		
Name (line 2)	Execution Date		
Name (line 1)	Month Day Year		
Name (line 2)			
Receiving Party	Mark if additional names of receiving parties attached		
Name (line 1) KiON Corporation	is an assignment and the receiving party is not domiciled in the United		
Name (line 2) a corporation of the State of Delaware	States, an appointment of a domestic representative is attached. (Designation must be a		
Address (line 1) 1475 Delashmut Avenue	separate document from Assignment.)		
Address (line 2)	43212		
Address (line 3) Columbus	Ohio, USA State/Country Zip Code		
Domestic Representative Name and A	ddress Enter for the first Receiving Party only.		
Name Mark G. Mortenson			
Address (line 1)			
Address (line 2) Post Office Box 310			
Address (line 3)			
Address (line 4) North East, MD 21901-0310 USA			
702/2001 DBYRNE 00000143 5665661 FOR OFFICE USE ONLY			
FC:581 40.00 OP			
	Standard he recorded including time for reviewing the document		

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer,

Washington,
D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (1987).

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washings, TENT

FORM PTO-1 Expires 06/30/99 OMB 0651-0027	619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspond	ent Name and Address	Area Code and Telephone Number	410-287-8795
Name [Mark G. Mortenson		
Address (line 1)			
Address (line 2)	Post Office Box 310		
Address (line 3)			
Address (line 4)	North East, MD 21901-0310 USA		
Pages	Enter the total number of pagincluding any attachments.	jes of the attached conveyance docume	ent # 2
If this document was	is being filed together with a new Pate	ent Application, enter the date the patent applicat	tion Month Day Year
Ent only	peration Treaty (PCT) er PCT application number y if a U.S. Application Number not been assigned.	PCT PCT PCT PCT	PCT PCT
Number of I	Properties Enter the total	number of properties involved. #	One
	t Fee Amount d of Payment: Enclo it Account or payment by deposit account or if ac		

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Mark G. Mortenson, Reg. No. 31,182

Name of Person Signing

April 30, 2001

Signature Date

PATENT REEL: 011731 FRAME: 0690

ASSIGNMENT

WHEREAS, Lanxide Technology Company, LP (below referred to as ASSIGNOR), having an address of 1300 Marrows Road, Newark, Delaware 19711, is the assignee of the entire interest in the invention for which application for Letters Patent of the United States was filed on June 20, 1995, in the United States Patent and Trademark Office as Application Serial No. 08/454,350, and issued as U. S. Patent No. 5,665,661, on September 9, 1997, in the name of Roger L. K. Matsumoto, and entitled "Crystallization of Grain Boundary Phases in Silicon Carbide Ceramics", the assignment of which was recorded in the U. S. Patent and Trademark Office on April 15, 1997, at Reel 8456, Frames 0068-0069; and

WHEREAS, KiON Corporation (below referred to as "ASSIGNEE"), a corporation duly organized and existing under the laws of the State of Delaware, United States of America and having its principal office and place of business at 1475 Delashmut Avenue, Columbus, Ohio 43212, is desirous of obtaining the entire right, title and interest in and to the aforesaid invention, and patent application and corresponding patent rights worldwide;

NOW THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer to ASSIGNEE, the entire interest in and to the aforesaid invention, the aforesaid U. S. application and all corresponding foreign patent applications, and all Letters Patent(s) or comparable rights issuing thereon in the United States and in all foreign countries, excluding Japan, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the U. S. Commissioner of Patents and Trademarks and all foreign Patent Offices to issue all Letters Patent(s) or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR agrees to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to ASSIGNOR respecting said invention, and with appropriate remuneration to provide testimony in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment, except for those licenses referred to in a License Agreement dated February 28, 2001, among Assignor, Assignee and Advanced Materials Lanxide, L.L.C. having an address of 1300 Marrows Road, Newark, Delaware, 19711.

PATENT REEL: 011731 FRAME: 0691

in derogation of, any and all prior assignments of al hereby transferred.	l or part of the invention and patent rights
For Lanxide Technology Company, LP Signature:	Signature:
Printed Name: Kenneth A. Gabriel	Printed Name: Michael J. Hollins
Title: Officer, Intellectual Property	Title: Officer, Intellectual Property
Date: <u>April 27,2001</u>	Date: <u>April 27 2001</u>
State of Delaware)) ss: County of New Castle)	
On this 27 th day of, 2001, be and County aforesaid, personally appeared Kenneth known and known to me to be the persons by that n in my presence.	fore me, a Notary Public in and for the State A. Gabriel and Michael J. Hollins, to me name, who executed the foregoing instrument
	Notary Public

RECORDED: 05/01/2001

This Assignment is executed on the date indicated below and is in furtherance of, and not

PATENT REEL: 011731 FRAME: 0692