FORM PTO-1695 FICE OF PUBLIC RECORDS U.S. Department of Commerce 11-14-2002 Patent and Trademark Office PATENT OMB 0651-0027 2007 NOV -1 AM 9: 29 FINANCE SECTION 102280790 PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type 121-02 X Assignment Security Agreement Х New Resubmission (Non-Recordation) License Change of Name **Document ID#** Correction of PTO Error Other Merger Frame # Reel # U.S. Government (For Use ONLY by U.S. Government Agencies) Corrective Document Reel # Frame # **Departmental File Secret File** Mark if additional names of conveying parties attached Execution Date Month Day Ye Conveying Party(ies) Name (line 1) 23 John A. Sinsel 05 02 Name (line 2) **Execution Date** Month Day Year Second Party 02 Mark V. Loen Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Weirton Steel Corporation is an assignment and the receiving party is not domiciled in the United Name (line 2) a Delaware Corporation States, an appointment of a domestic representative is attached. Address (line 1) Three Springs Drive (Designation must be a separate document from Address (line 2) Assignment.) WV/USA 26062 Weirton Address (line 3) Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY 11/13/2002 6TON11 00000095 10208454 40.00 DP 01 FCk8021 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 ded 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 (9651-0027), Washington, D.C. 2023. See Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-0027), Washington, D.C. 2023. See Office of Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT REEL: 013474 FRAME: 0407 FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION DATEMIS ONLY

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

OMB 0651-0027	PATENTS ONLY	PATENT			
Conveying I	mark if additional flattices of control may be used additional	Execution Date			
Enter additiona	Conveying Parties	Month Day Year			
Name (line 1)	Michael S, Bailey	05 23 02			
Name (line 2)		Execution Date			
Name (line 1)		Month Day Year			
Name (line 2)		Execution Date Month Day Year			
Name (line 1)					
Name (line 2)					
Receiving Party(ies) Mark if additional names of receiving parties attached					
	Receiving Party(ies)	Malagramant to be accorded			
Name (line 1)		If document to be recorded is an assignment and the receiving party is not			
Name (line 2)		domiciled in the United States, an appointment of a domestic representative			
Address (line 1		is attached. (Designation must be a separate document from			
Address (line 2)		Assignment.)			
Address (line 3	City State/Country Zip Code				
Name (line 1)		if document to be recorded is an assignment and the			
Name (line 2		receiving party is not domiciled in the United States, an appointment of a			
Address (line 1)		domestic representative is attached. (Designation must be a separate document from			
Address (line 2)		Assignment.)			
Address (line 3)	City State/Country Zip Co	de			
Application Number(s) or Patent Number(s) Mark if additional numbers attached					
Enter either ti	ne Patent Application Number or the Patent Number $\overline{ extstyle (DO NOT ENTER BOTH numbers for the same \overline{ extstyle (DO NOT ENTER BOTH numbers)}$	1			
P	atent Application Number(s) Patent Number	er(s)			
1		1			

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent Na	ame and Address	Area Code and Telephone Number	202 -333 -5800		
Name R	aymond N. Baker				
Address (line 1)	hanley and Baker				
Address (line 2) 2	233 Wisconsin Av	enue, Suite 235			
Address (line 3) W	ashington, D.C.	20007			
Address (tine 4)					
	the total number of pages	s of the attached conveyance docum	ent #		
Application Number(s) Mark if additional numbers attached					
		nt Number (DO NOT ENTER BOTH numbers f	· · ••		
	lication Number(s)	Patent	Number(s)		
10/208454					
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.					
Patent Cooperation Treaty (PCT)					
•		СТ	PCT		
<u>only if</u> a U.S has not bee		СТ РСТ	PCT		
Number of Propert	es Enter the total r	number of properties involved. #	1		
Fee Amount	Fee Amount for I	Properties Listed (37 CFR 3.41): \$	40.00		
Method of Payment: Enclosed X Deposit Account Deposit Account					
(Enter for payment b		al fees can be charged to the account.) sit Account Number: #[02-0412		
	Auth	orization to charge additional fees:	Yes X No		
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.					
Raymond N.Bak		January Toker			
Name of Perso	n Signing	Signature	Date		

PATENT REEL: 013474 FRAME: 0409

ASSIGNMENT OF APPLICATION

WHEREAS, JOHN A. SINSEL of 109 Ivy Street, Weirton, WV 26062 U.S.A., MARK V. LOEN of 509 Lauretta Drive, Steubenville, OH 43952 U.S.A., and MICHAEL S. BAILEY of 146 Hamilton Road, Landenberg, PA 19350 U.S.A. (also referred to herein as ASSIGNORS) have made a certain new and useful invention entitled POLYMERIC COATING FORMULATIONS and STEEL SUBSTRATE COMPOSITES, set forth in an Application for United States Patent executed on the 23rd day of May, 2002, and assigned U.S. Patent Application Serial No. 10/208,454 with the below named ASSIGNEE being authorized to insert the Patent Application Serial Number, when ascertained; and

WHEREAS, WEIRTON STEEL CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at Three Springs Drive, Weirton, WV 26062, U.S.A. (also referred to herein as ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to said invention for the United States (including its territories and possessions), and for all Nations having Patent Granting Authority; and, the entire right, title and interest in and to any and all Letters Patent of the United States and other Nations which may be obtained on said invention.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby transfer and assign to WEIRTON STEEL CORPORATION, its successors and assigns, the entire right, title and interest in and to said invention for the United States (including its territories and possessions) and all Nations having Patent Granting Authority; all patents of the U.S. and other Nations which may be granted on said invention; and, said application including all U.S. and other Nation divisions, reissues, continuations and continuations—in—part thereof; and, said ASSIGNORS hereby authorize and request the U.S.

-1- 1010 C 95

PATENT REEL: 013474 FRAME: 0410 Commissioner of Patents, and all such other Nations having a Patent Granting Authority, to issue all patents on said invention, or resulting therefrom, to said WEIRTON STEEL CORPORATION, as ASSIGNEE of the entire right, title and interest therein for the full term for which any such patent may be granted, as fully and entirely as the same would have been held by the ASSIGNORS had this assignment and transfer not been made; and, ASSIGNORS further covenant that each has the right to make this assignment and transfer; and each agrees to communicate to said Corporation, or representative(s), any facts known to each relating to said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid said Corporation, its successors, assigns and/or nominees to obtain, assign ownership, and enforce patent protection for said invention in the United States and in all such other Nations.

Itali Sunt	5/23/02
John A. Sinsel	Date
Mark V. Leen	5/23/02
Mark V. Loen	Date
mul May	5/23/02
Michael S. Bailey	Date

-2-

1010 C 95