Form PTO-1595 OFFICE (R) (Rev. 03/01)  OMB No. 0851-0027 (eyp. 5/31/2000) CFD 10255	Mail Stop Assignment Recordation Services Director of the US Patent and	
OMB No. 0651-0027 (exp. 5/31/2002) SEP 2 817 44	Trademark Office P.O. Box 1450	
To the Honorable Commissioner of Patents and Trademarks: P	Alexandria, VA 22313-1450	
Name of conveying party(ies): 9-22-33    Invested No Destinators   Invested No Destinators	Name and address of receiving party(ies)	
Jerald W. Darlington, Jr.,		
Natalie A. Dotlich, Craig M. Mattern,	AMCOL INTERNATIONAL Name: CORPORATION	
Richard Wilson Carriker, and Mark William Clarey	a Delaware corporation	
Additional name(s) of conveying party(ies)  Additional name(s) of conveying party(ies)  Yes X No	Street Address:	
3. Nature of Conveyance:  X Assignment  Merger	One North Arlington 1500 West Shure Drive	
Security Agreement   Change of Name	City: Arlington Heights	
Other	State: IL Zip: 60004	
October 10, 2002, October 10,	Additional name(s) &	
2002, October 10, 2002, October Execution Dates: 15, 2002 & October 15, 2002.	address(es) attached:	
4. Application number(s) or patent number(s):		
A. Patent Application No.: 10/254,946 filed September 25, 2002		
Additional numbers attached? Yes x No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Richard H. Anderson MARSHALL, GERSTEIN & BORUN LLP	7. Total fee (37 CFR 3.41) \$40.00	
Client/Matter No.: 28570/10290	x Enclosed	
Street Address:	Authorized to be charged to deposit account	
6300 Sears Tower 233 S. Wacker Drive	Authorized to be charged to credit card (Form 2038 enclosed)	
Olate 7in	8. Deposit account number:	
City:         State:         Zip:           Chicago         IL         60606-6357	13-2855 (Attach duplicate copy of this page if paying by deposit account)	
CREPER 00000120 10254946		
40.00 0P DO NOT USE THIS SPACE		
9. 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.		
Richard H. Anderson - 26,526	nd N. anderson September 16,2003	
Name of Person Signing Signature ' Date '		
Total number of pages including cover sheet, attachments, and documents: 3		

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PATENT REEL: 014504 FRAME: 0479 Joint Inventors Atty. Docket No: 28570/10290

## ASSIGNMENT

Serial No:

10/254,946

Filed:

SEPTEMBER 25, 2002

Title:

POLYMER-FILLED SHEET MATERIAL

For the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to AMCOL International Corporation, a Delaware corporation, One North Arlington, 1500 West Shure Drive, Arlington Heights, Illinois 60004, (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

PATENT REEL: 014504 FRAME: 0480

WITNES	SS our hands this $10^{11}$ day of $0$	to her , 2002.
State of Illinois	)	
County of	) ss )	Jerald W. Darlington, Jr.  Natalie a. Dottics
		Natalie A. Dottich
		Craig M. Mattern
On this 10 <sup>th</sup> day of 2002, before me, a Notary Public in and for the County and State aforesaid, appeared JERALD W. DARLINGTON, NATALIE A. DOTLICH and CRAIG M. MATTERN, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.		
WITNESS my hand and seal the same day and year last above given.		
My Commission I	Expires: 4/25/06 - Eccel	"OFFICIAL SEAL" Linda A. Piell Notary Public, State of Illinois My Commission Exp. 04/25/2006
	<b>•</b>	<b>—</b>
WITNESS our hands this 15 day of October, 2002.		
State of Georgia	)	
County of	) ss )	Richard Wilson Carriker
		Mark William Clarey
On this 15 day of October, 2002, before me, a Notary Public in and for the County and State aforesaid, appeared RICHARD WILSON CARRIKER and MARK WILLIAM CLAREY, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.		
WITNESS my hand and seal the same day and year last above given.		
My Commission I	Expires:	HUNGUCH HUNGUCH THE HUNGUCH TH

PATENT

REEL: 014504 FRAME: 0481