

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mingming Fang</td> <td>05/24/2005</td> </tr> <tr> <td>Michael R. Ianiro</td> <td>05/24/2005</td> </tr> <tr> <td>Don Eisenhower</td> <td>05/24/2005</td> </tr> </tbody> </table>		Name	Execution Date	Mingming Fang	05/24/2005	Michael R. Ianiro	05/24/2005	Don Eisenhower	05/24/2005
Name	Execution Date								
Mingming Fang	05/24/2005								
Michael R. Ianiro	05/24/2005								
Don Eisenhower	05/24/2005								
RECEIVING PARTY DATA									
Name:	AMCOL International Corporation								
Street Address:	1500 West Shure Drive								
Internal Address:	One North Arlington								
City:	Arlington Heights								
State/Country:	ILLINOIS								
Postal Code:	60004								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11131962</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11131962				
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Application Number:	11131962								
CORRESPONDENCE DATA									
Fax Number:	(312)474-0448								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	3124746300								
Email:	docket@marshallip.com								
Correspondent Name:	Marshall Gerstein & Borun LLP								
Address Line 1:	233 South Wacker Drive								
Address Line 2:	6300 Sears Tower								
Address Line 4:	Chicago, ILLINOIS 60606-6357								
NAME OF SUBMITTER:	Richard H. Anderson								
Total Attachments: 2 source=11131962#page1.tif source=11131962#page2.tif									

CH \$40.00 11131962

PATENT

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, Illinois 60606-6357

ASSIGNMENT

Serial No: 11/131,962
Filed: May 18, 2005
Title: METHOD OF CHEMICAL-MECHANICAL POLISHING AND PLANARIZING CORUNDUM, GaAs, GaP AND GaAs/GaP ALLOY SURFACES

For \$10.00 (Ten Dollars) and other good and sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to AMCOL International 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, executed by the undersigned on, May 11, 2005 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 agree, 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 the aforesaid 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.

WITNESS our hands this

24th day of May, 2005.

State of IL
County of COOK

Mingming Fang
Mingming Fang

Michael R. Ianiro
Michael R. Ianiro

Don Eisenhour
Don Eisenhour

On this 24th day of May, 2005, before me, a Notary Public in and for the County and State aforesaid, appeared, 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 Expires:

2/2/2007

Leslie A. Miljan
Notary Public

