

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Daramic, LLC	02/10/2005

RECEIVING PARTY DATA

Name:	TBS Engineering Limited
Street Address:	Longhill, Elmstone Hardwicke
City:	Cheltenham
State/Country:	UNITED KINGDOM
Postal Code:	GL51 9TY

PROPERTY NUMBERS Total: 8

Property Type	Number
Application Number:	09475873
Application Number:	10297362
Patent Number:	5934866
Patent Number:	6021887
Patent Number:	6024533
Patent Number:	6047430
Patent Number:	6095316
Patent Number:	6539615

CORRESPONDENCE DATA

Fax Number: (314)231-4342

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 314-231-5400

Email: uspatents@senniger.com

Correspondent Name: Kurt F. James

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Address Line 4: St. Louis, MISSOURI 63102

PATENT

500023014

REEL: 015756 FRAME: 0356

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NAME OF SUBMITTER:

Kurt F. James

Total Attachments: 4

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PATENT

REEL: 015756 FRAME: 0357

**ASSIGNMENT OF
UNITED STATES PATENTS AND PATENT APPLICATIONS**

1. **WHEREAS**, Daramic, LLC of 4838 Jenkins Avenue, North Charleston, South Carolina 29405, a limited liability corporation duly organized and existing under and by virtue of the laws of the State of Delaware (hereinafter referred to as Assignor), is the owner of the entire right, title, and interest in and to certain letters patent of the United States and the inventions disclosed therein; and to a certain application for letters patent of the United States and the inventions disclosed therein; and

2. **WHEREAS**, TBS Engineering Limited, of Longhill, Elmstone Hardwicke Cheltenham, Gloucestershire, GL51 9TY England, a corporation of England and Wales (hereinafter referred to as Assignee), is desirous of acquiring said right, title, and interest of Assignor;

3. **NOW, THEREFORE**, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration by Assignee to Assignor in hand paid, receipt of all of which is hereby acknowledged, Assignor has agreed to and does hereby sell, assign and transfer unto Assignee, its successors and assigns, all of Assignor's right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said letters patent and all reissues thereof and reexamination certificates therefor, and the inventions disclosed therein, including Assignor's full right to sue for and recover all damages recoverable from past infringements of said letters patent; including specifically, without limiting the generality of the foregoing, the United States patents listed below; and Assignor has further agreed to and does hereby sell, assign and transfer unto Assignee, its successors and assigns, all of Assignor's right, title and interest in and throughout the United States of

America (including its territories and dependencies) and all countries foreign thereto, in and to said inventions, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said inventions, any foreign applications based in whole or in part on any of the aforesaid United States application or in whole or in part on said inventions, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid application or on said inventions or any part thereof; including, specifically, without limiting the generality of the foregoing, the United States application listed below.

4. **TO BE HELD AND ENJOYED BY** Assignee, its successors and assigns, to the full ends of the respective terms full for which said patents have been or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this sale and assignment not been made.

5. **AND** Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States patent applications to Assignee, its successors and assigns.

6. **AND** Assignor hereby agrees to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue or other applications for patents of any country, that may be deemed necessary by said Assignee, its successors or assigns fully to secure its interest as aforesaid in and to said inventions or any part thereof, and in and to said several patents or any of them.

7. **AND** Assignor covenants that Assignor has granted no right or license to make, use or sell said inventions to anyone except said Assignee, that prior to the execution of this deed, Assignor's right, title, and interest in said inventions has not been otherwise encumbered, and that Assignor has not executed and will not execute any instrument in conflict herewith.

8. **THE UNITED STATES PATENTS ARE AS FOLLOWS:**

<u>Patent No.</u>	<u>Issued</u>	<u>Inventor(s)</u>	<u>Title</u>
5,934,866	08/10/99	Redden	Plate Feeder Apparatus
6,021,887	02/08/00	Redden	Battery Plate Feeding and Handling Apparatus
6,024,533	02/15/00	Redden	Battery Plate Feeding and Handling Apparatus
6,047,430	04/11/00	Redden	Battery Plate Feeding and Handling Apparatus
6,095,316	08/01/00	Redden	Battery Plate Feeding and Handling Apparatus
6,539,615	04/01/03	Redden	In-line Lug Brushing Assembly

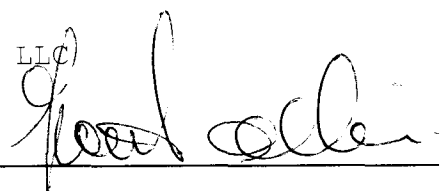
9. **THE UNITED STATES PATENT APPLICATIONS ARE AS FOLLOWS:**

<u>Appl. No.</u>	<u>Filed</u>	<u>Inventor(s)</u>	<u>Title</u>
09/475,873	12/30/99	Redden	High Speed Plate Handling Apparatus
10/297,362	03/05/03	Dreyer, et al.	Sleeve Separator and Device for Producing the Same

10. **IN WITNESS WHEREOF** Assignor has hereinunder set its hand.

DARAMIC, LLC

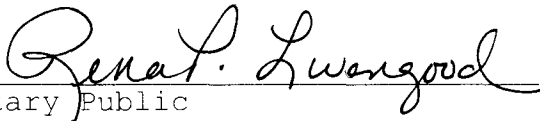
Feb. 10, 2005
DATE

By 
Frank Nasisi
Title: Chief Executive Officer

ACKNOWLEDGEMENT

STATE OF NORTH Carolina)
COUNTY OF Mecklenburg)

On this 10 day of February, 2005, before me personally appeared Frank Nasisi, to me known, who, being by me duly sworn, did depose and say that he is Chief Executive Officer of Daramic, LLC, the corporation described in and which executed the above instrument.


Notary Public

My Commission Expires:
My Commission Expires March 11, 2008