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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Jaime Navarrete; A. Jeff Chapman; Chetan J. Parikh; Roy T. Toomey

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies):

Name: Daramic, Inc.

Internal Address:

Street Address: 20 Burlington Mall Road

Suite 325

City: Burlington State: MA ZIP: 01803

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:

- [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution Date: November 8, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/702,598

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert H. Hammer III

Internal Address: Celgard Inc.

Street Address: 13800 South Lakes Drive

City: Charlotte State: NC ZIP: 28273

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- [] Enclosed [X] Authorized to be charged to deposit account

8. Deposit account number:

08-2447

(Attach duplicate copy of this page if paying by deposit account)

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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.

Robert H. Hammer III Name of Person Signing

Signature

Date 1/23/01

Total number of pages including cover sheet, attachments, and document: 3

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

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PATENT REEL: 011477 FRAME: 0041

ASSIGNMENT

Docket No. 7000-3P1
Serial No. 09/702,598
Filed: October 31, 2000

WHEREAS, UNDERSIGNED

Jaime Navarrete
A. Jeff Chapman
Chetan J. Parikh
Roy T. Toomey

being citizens of the United States of America, United States of America, India, and United States of America, respectively, and residing at

2025 Clinton Place E, Owensboro, Kentucky 42301, U.S.A.;
2812 Chippewa Drive, Owensboro, Kentucky 42301, U.S.A.;
3646 Forward Pass, Owensboro, Kentucky 42303, U.S.A.; and
3389 Belltown Road, Hartford, Kentucky 42347, U.S.A.;

have invented certain new and useful improvements (INVENTION) disclosed, shown, and described in an APPLICATION for Letters Patent of the United States entitled

"THE USE OF LIGNINS IN THERMOPLASTICS"

Docket No. 7000-3P1, said APPLICATION having been filed on October 31, 2000; and

WHEREAS, by virtue of a pre-existing obligation of assignment, the UNDERSIGNED have been under a continuous obligation since prior to the invention of the subject matter of the said APPLICATION to assign the said APPLICATION to Daramic, Inc., and

WHEREAS, Daramic, Inc., a corporation of Delaware, U.S.A., having an office at 20 Burlington Mall Road, Suite 325, Burlington, Massachusetts 01803, USA (ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to the INVENTION, in this and any foreign country, and in and to any Letters Patent of the United States or any foreign country which may be granted embracing the INVENTION.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, UNDERSIGNED by these presents, sells, assigns and transfers unto ASSIGNEE, its legal representatives, successors, and assigns, the entire right, title and interest for the United States and all foreign countries, in and to the INVENTION, and in and to the said APPLICATION, and in and to any applications for Letters Patent which have been or may be filed in any foreign country on said INVENTION, and in and to any and all priority rights generated by the filing of said APPLICATION in the United States or any foreign country, which may be granted covering the INVENTION, including any continuations, substitutions, divisions, reissues, or renewals thereof, said Letters Patent whether of this country or any foreign country to be held and enjoyed by ASSIGNEE for its interest, for its own use and behalf, and for its legal representatives, 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 by UNDERSIGNED had this assignment and sale not been made.

THE UNDERSIGNED covenant not to have executed and will not execute any agreement in conflict with this assignment.

IN WITNESS WHEREOF this assignment has been executed by UNDERSIGNED on the date opposite their names.

Date 11/08/00 Jaime Navarrete (LS)
Jaime Navarrete

Date 11/08/00 A. Jeff Chapman (LS)
A. Jeff Chapman

Date 11/8/00 Chetan J. Parikh (LS)
Chetan J. Parikh

Date 11-8-00 Roy T. Toomey (LS)
Roy T. Toomey

State of Kentucky)
County of) Daviess

On Nov. 8, 2000, before me a Notary Public in and for the county and state aforesaid, appeared **Jaime Navarrete, A. Jeff Chapman, Chetan J. Parikh, and Roy T. Toomey**, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they each executed said instrument as their free and voluntary act, and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

Laretta Bullock
Notary Public

My Commission Expires: June 15, 2002