

11-19-2003



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To the Director of the United States Patent and Trademark Office

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Rama Puligadda
James E. Lamb, III
Tony D. Flaim

11-11-03

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

Name: Brewer Science, Inc.

Internal Address: _____

Street Address: 2401 Brewer Drive

City: Rolla State: MO ZIP: 65401

Additional names(s) of conveying party(ies) Yes No

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 04-02-2003

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

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

A. Patent Application No.(s)

10/310,099

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Tracy L. Bornman

Internal Address: Hovey Williams LLP

Street Address: 2405 Grand Blvd., Ste 400

City: Kansas City State: MO ZIP: 64108

6. Total number of applications and patents involved:

2

7. Total fee (37 CFR 3.41):.....\$ _____

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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8. Deposit account number: _____

(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.

Tracy L. Bornman, Esq.

November 14, 2003

Name of Person Signing

Signature

Date

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

10

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, We, Rama Puligadda of 210 Becca Drive, Rolla, MO 65401, JAMES E. LAMB, III of 1511 Scenic Drive, Rolla, Missouri 65401, and TONY D. FLAIM of 16710 MO Hwy. 68, St. James, Missouri 65559, have jointly invented certain new and useful improvements in

ANTI-REFLECTIVE COATING COMPOSITIONS FOR USE

WITH LOW k DIELECTRIC MATERIALS

for which we have filed Application for Letters Patent of the United States identified as follows

Serial No. 10/310,099 filed December 3, 2002; and

WHEREAS, BREWER SCIENCE, INC., a Corporation duly organized under the laws of the State of Missouri, and having its principal place of business at 2401 Brewer Drive, Rolla, MO 65401-9926, is desirous of acquiring an interest in, to and under said invention, said and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Rama Puligadda, as co-inventors, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Brewer Science, Inc., the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in Application Serial No. 10/310,099 filed December 3, 2002;
- (b) said Application Serial No. 10/310,099 filed December 3, 2002;
- (c) any and all refilings and continuations of said application;

(d) any and all Letters Patent of the United States of America which may issue from said application, refilings, division and continuations;

(e) any and all reissues of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent on said invention which may hereafter be filed in any and all countries foreign to the United States of America;

(g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

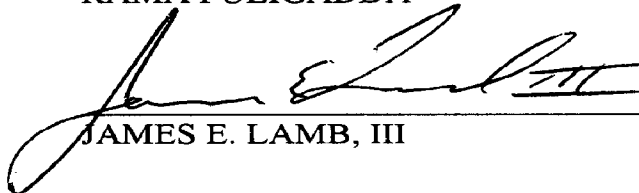
(i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said BREWER SCIENCE, INC. for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

Executed this 2nd day of April, 2003.



RAMA PULIGADDA



JAMES E. LAMB, III

Tony D. Flaim
TONY D. FLAIM

STATE OF Missouri)
) SS.
COUNTY OF Dent)

On this 2nd day of April, 2003, before me personally appeared Rama Puligadda, James E. Lamb III, and Tony Flaim and to me known to be the persons described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.

Sandra A. Arthur
Notary Public

My Commission Expires:
January 9, 2004

SANDRA A. ARTHUR
Notary Public - Notary Seal
STATE OF MISSOURI
Dent County
My Commission Expires: Jan. 9, 2004