

12/18/01

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12-27-2001

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To the Honorable Commissioner of Pa

101925717

1 original documents or copy thereof.

1. Name of conveying parties:

SHIMAMUNE, Takayuki;  
BUSSE, Bernd;  
ZIMMERMAN, Erik;  
BERGMAN, Lars-Erik

2. Name and address of receiving party(ies)

Name: AKZO NOBEL N.V.

Address: P.O. Box 9300  
NL-6800 SB Arnhem  
The Netherlands

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 10/25/01; 11/02/01; 11/08/01; 11/09/01

Additional name(s) and address(es) attached? ☐ Yes ☒ No

10/020228

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: 10/25/01;  
11/02/01; 11/08/01; 11/09/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

DAVID J. SERBIN  
LAW OFFICES OF DAVID J. SERBIN  
UNIT 2, FIRST FLOOR  
1423 POWHATAN STREET  
ALEXANDRIA, VIRGINIA 22314

6. Total number of applications and patents involved: **[ 1 ]**

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

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 501348

(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.

DAVID J. SERBIN

Name of Person Signing

Signature

18 Dec 01  
Date

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

12/26/2001 GTOM11 00000147 501348 10020228  
01 FC:581 40.00 CH

PATENT  
REEL: 012387 FRAME: 0705

R-57  
US**DEED OF ASSIGNMENT**

Whereas, I/we, SHIMAMUNE, Takayuki, BUSSE, Bernd, ZIMMERMAN, Erik, BERGMAN, Lars-Erik

has/have invented certain new and useful improvements in

***ELECTRODE TREATMENT***

for which an application for United States Letters Patent has been executed on even date herewith; and

Whereas, Akzo Nobel N.V., a corporation organized and existing under and by virtue of the laws of The Netherlands, with its principal office and place of business at P.O. Box 9300, NL-6800 SB ARNHEM, The Netherlands, is desirous of acquiring the entire right, title and interest in and to said application and the invention therein disclosed, described and claimed; in any and all continuations and divisions of said application; in any and all Letters Patent of the United States of America which may issue from said application or continuations or divisions thereof, including any and all reissue or reissues, of such Letters Patent; and, in any and all foreign applications corresponding to said application or applications, and such foreign Letters Patent which may issue therefrom;

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration to me/us in hand paid by the said Akzo Nobel N.V., the receipt whereof is hereby acknowledged, I/we the said SHIMAMUNE, Takayuki, BUSSE, Bernd, ZIMMERMAN, Erik, BERGMAN, Lars-Erik has/have bargained, sold, assigned, transferred and set over, and by these presents do hereby bargain, sell, assign, transfer and set over unto the said Akzo Nobel N.V., its successors and assigns the entire right, title and interest in and to said application for Letters Patent, and the invention therein disclosed, described and claimed; in any and all continuations and divisions of said application; in any and all Letters Patent of the United States of America which may issue from said application or continuations or divisions thereof, including any and all reissue or reissues of such Letters Patent; and, in any and all foreign applications corresponding to said application or applications, and such foreign Letters Patent which may issue therefrom; the said Akzo Nobel N.V., for its own use and behoof, and, for the use and behoof of its successors, assigns or other legal representatives, to the full end of the term or terms for which said Letters Patent may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

And I/we hereby authorize the Commissioner of Patents to issue any and all Letters Patent of the United States of America for said invention, or resulting from said application or applications therefor, to the said Akzo Nobel N.V., as the assignee of the entire right, title and interest in and to the said application and invention.


And I/we further covenant and agree that I/we will at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said

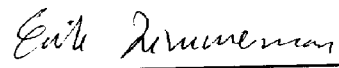
invention, or any Letters Patent that may be granted therefor, in Akzo Nobel N.V., its successors, assigns or other legal representatives, and that if the said Akzo Nobel N.V., its successors, assigns or other legal representatives desire to secure a reissue or extension or division of said Letters Patent, I/we will, upon request, sign all papers, make all rightful oaths, and do all legal acts necessary and requisite for the application for such reissue, extension or division, and the procuring thereof.


And I/we further covenant and agree that I/we will at any time, upon request, communicate to Akzo Nobel N.V., its successors, assigns or other legal representatives, any facts relating to the said invention and Letters Patent, or the history thereof known to me/us, and will testify as to the same in any interference or litigation when requested to do so.

In Witness Whereof I/we have hereunto set our hand and seal.

Date: October, 25, 2001   
/SHIMAMUNE, Takayuki/

Date: Nov. 2<sup>nd</sup>, 2001   
/BUSSE, Bernd/

Date: 01-11-08   
/ZIMMERMAN, Erik/

Date: Nov. 9, 2001   
/BERGMAN, Lars-Erik/