

To the Director - U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Asano, Kaori (05/10/99)	Moss, Michael Alan John(06/30/99)
Askew, Stuart Clive (06/17/99)	Murara, Susumu (05/07/99)
Baba, Hajime (05/10/99)	Ohtani, Royohei (05/12/99)
Baeck, André Cesar (05/21/99)	Okamoto, Mitsuyo (05/13/99)
Bettiol, Jean-Luc (05/27/99)	Panandiker, Rajan Keshav(05/13/99)
Cripe, Thomas Anthony(05/26/99)	Pramod, Kakumanu (05/12/99)
Cron, Laura(05/14/99)	Sarniak, Khizar Mohamed Kahn(05/12/99)
Dodd, Ian Martin(07/02/99)	Scheibel, Jeffrey John (05/18/99)
Foley, Peter Robert(05/06/99)	Thoen, Christiaan Arthur Jacques Kamiel (05/14/99)
Hartshorn, Richard Timothy(06/07/99)	Willman, Kenneth William(6/7/99)
Speed, Lynda Anne (Jones)(06/15/99)	
Katsuda, Rinko (05/11/99)	
Kvietok, Frank Andrej (05/08/99)	
Minamikawa, Kaori (05/11/99)	
Mao, Mark Hsiang-Kuen (05/11/99)	

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

Name: The Procter & Gamble Company

Internal Address: Attention: Chief Patent Counsel

6090 Center Hill Road

Cincinnati, OH 45224

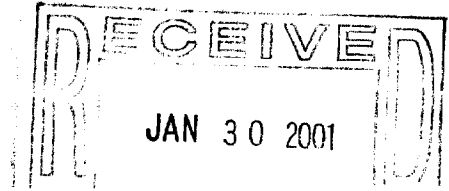
Additional name(s) & address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached: Yes No

3. Nature of conveyance:

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

Execution Date: July 2, 1999 (each party execution date above next to name)



02-22-2001



101619844

Re: 1.30.01

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). 09/295,421
 Date Filed: April 21, 1999
 P&G Case: 6115MXC
 DOCUMENT ID No.: 101437433

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: Ian S. Robinson

Internal Address: THE PROCTER & GAMBLE COMPANY

Street Address: Miami Valley Laboratories
P. O. Box 538707
Cincinnati, OH 45253-8707

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:

16-2480

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

02/22/2001 6TDM11 00000013 162480 09295421

01 FC:581 40.00 CH

DO NOT USE THIS SPACE

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.

C. Brant Cook

Name of Person Signing

C. Brant Cook
Signature

January 24, 2001
Date

Total number of pages including cover sheet, attachments, and documents: [35]

CMB No. 0861-0022 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
 Director, U.S. Patent and Trademark Office
 Box Assignments
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503

To the Director - U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Asano, Kaori	Moss, Michael Alan John
Askew, Stuart Clive	Murara, Susumu
Baba, Hajime	Ohtani, Royohei
Baeck, André Cesar	Okamoto, Mitsuyo
Bettiol, Jean-Luc	Panandiker, Rajan Keshav
Cripe, Thomas Anthony	Pramod, Kakumanu
Cron, Laura	Sarniak, Khizar Mohamed Kahn
Dodd, Ian Martin	Scheibel, Jeffrey John
Foley, Peter Robert	Thoen, Christiaan Arthur Jacques Kamiel
Hartshorn, Richard Timothy	Willman, Kenneth William
Speed, Lynda Anne (Jones)	
Katsuda, Rinko	
Kvietok, Frank Andrej	
Minamikawa, Kaori	
Mao, Mark Hsiang-Kuen	

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

Name: The Procter & Gamble Company

Internal Address: Attention: Chief Patent Counsel


6090 Center Hill Road

Cincinnati, OH 45224

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

19-23-00

~~11-01-2000~~



101501563

Additional name(s) of conveying party(ies) attached: Yes No

3. Nature of conveyance:

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

Execution Date: July 2, 1999

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). 09/295,421
 Date Filed: April 21, 1999
 P&G Case: 6115MXC
 DOCUMENT ID No.: 101437433

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: Ian S. Robinson

Internal Address: THE PROCTER & GAMBLE COMPANY

Street Address: Miami Valley Laboratories
P. O. Box 538707
Cincinnati, OH 45253-8707

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:

16-2480

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

DO NOT USE THIS SPACE

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.

C. Brant Cook

Name of Person Signing



Signature

Date

Total number of pages including cover sheet, attachments, and documents: [35]

CMB No. 0861-0022 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
 Director, U.S. Patent and Trademark Office
 Box Assignments
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503



FORM: PTO-1535

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director - U.S. Patent and Trad

101437433

documents or copy thereof.

1. Name of conveying party(ies):
Kaori Asano et al.

7-18-00

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

Name: The Procter & Gamble Company
Internal Address: Attention: Chief Patent Counsel
6090 Center Hill Road
Cincinnati, OH 45224

Additional name(s) of conveying party(ies) attached: Yes No

3. Nature of conveyance:

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

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

Execution Date: July 2, 1999

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). 09/295,421
Date Filed: April 21, 1999
P&G Case: 6115MXC

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: Ian S. Robinson
Internal Address: THE PROCTER & GAMBLE COMPANY
Street Address: Miami Valley Laboratories
P. O. Box 538707
Cincinnati, OH 45253-8707

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:

16-2480

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

DO NOT USE THIS SPACE

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.

Ian S. Robinson

Name of Person Signing

Ian Robinson

Signature

7/12/00

Date

Total number of pages including cover sheet, attachments, and documents: [35]

CMB No. 0861-0022 (exp. 4/94)

Do not detach this portion

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

Director, U.S. Patent and Trademark Office
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503

6115MXCrecord.doc

08/17/2000 DNGUYEN 00000358 162480 09295421

01 FC:581

40.00 CH

A S S I G N M E N T

WHEREAS I/we, the following named inventor(s) in this application, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled ALKOXYLATED CATIONIC DETERGENCY INGREDIENTS, Attorney's Docket No. 6115MXC, Serial No. 09/295,421, filed April 21, 1999 (the hereinafter named assignee being authorized to insert said US Serial Number or Number of International Application designating the US and filing date when ascertained) and also set forth in whole or in part in application Serial No. 09/180,961, filed November 17, 1998, which is the National Phase Entry under 35 USC §371 of PCT International Application Serial No. PCT/US97/08442, filed May 16, 1997 to which said patent application claims priority under 35 USC §120; and United States Provisional Patent Application(s): 60/017,886, filed May 17, 1996 to which said patent application claims priority under Title 35 USC §119(e):

Kaori Asano of Kobe, Country of Japan, executed the above-referenced application on _____, 1999;

Stuart Clive Askew of Newcastle Upon Tyne, Country of England, executed the above-referenced application on 17th June, 1999;;

Hajime Baba of Hyougo-prefecture, Country of Japan, executed the above-referenced application on _____, 1999;

André Cesar Baeck of Bonheiden, Country of Belgium, executed the above-referenced application on _____, 1999;

Jean-Luc Bettiol of Brussels, Country of Belgium, executed the above-referenced application on _____, 1999;

Thomas Anthony Cripe of Loveland, County of Hamilton, State of Ohio, executed the above-referenced application on _____, 1999;

Laura Cron of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Ian Martin Dodd of Loughborough, Country of England executed the above-referenced application on _____, 1999;

Peter Robert Foley of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on _____, 1999;

Richard Timothy Hartshorn, of Northumberland, Country of England, executed the above-referenced application on 7th June, 1999;

Lynda Anne (Jones) Speed, of Newcastle, Country of England, executed the above-referenced application on 15th June 1999, 1999;

Rinko Katsuda of Kobe, Country of Japan, executed the above-referenced application on _____, 1999.

Frank Andrej Kvietok of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on _____, 1999;

Mark Hsiang-Kuen Mao of Kobe, Country of Japan executed the above-referenced application on _____, 1999;

Kaori Minamikawa of Hyogo, Country of Japan executed the above-referenced application on _____, 1999;

Michael Alan John Moss, of Rome, Country of Italy, executed the above-referenced application on 30th June 1999, 1999;

Susumu Murata of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Royohei Ohtani of Hyogo, Country of Japan, executed the above-referenced application on _____, 1999;

Mitsuyo Okamoto of Hyogo, Country of Japan, executed the above-referenced application on _____, 1999;

Rajan Keshav Panandiker of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Kakumanu Pramod of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Khizar Mohamed Kahn Sarnaik of Kobe, Country of Japan, executed the above-referenced application on _____, 1999;

Jeffrey John Scheibel of Loveland, County of Clermont, State of Ohio, executed the above-referenced application on _____, 1999;

Christiaan Arthur Jacques Kamiel Thoen of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Kenneth William Willman of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999.

I/We made said invention set forth in said patent application and set forth in whole or in part in said provisional application while employed by, or otherwise under an obligation to assign said invention to The

Procter & Gamble Company or one of its Affiliates (including, Procter & Gamble Asia Pacific Ltd.; Procter & Gamble Australia Pty. Ltd.; Procter & Gamble Technology (Beijing) Co., Ltd.; Procter & Gamble Far East, Inc.; Procter & Gamble Hong Kong Ltd.; Procter & Gamble India, Ltd.; Procter & Gamble Indonesia; Procter & Gamble Korea, Inc.; Procter & Gamble Malaysia Sdn. Bhd.; Procter & Gamble Philippines, Inc.; Procter & Gamble Taiwan Ltd; and Procter & Gamble Manufacturing (Thailand) Ltd.) and acknowledge our obligation at the time the invention was made to assign said invention to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation and (in the case of employment by or obligation to an Affiliate) at the request of the Affiliate, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, the entire right, title and interest, including the right to claim priority of the filing date of said patent application and the filing date of said provisional patent application under international conventions, in said invention as set forth in said patent application as set forth in whole or in part in said provisional patent application, and in all patents of the United States and of any other country which may be issued for said invention, as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/us, to execute or assent to applications in countries other than the United States, and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

AND I/we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said patent and the invention covered thereby.

The ASSIGNMENT of said patent application is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of said patent application. The ASSIGNMENT of said provisional patent application(s) is effective as of the filing date(s) of said provisional patent application(s) respectively.

Kaori Asano

Stuart Clive Askew

Stuart Clive Askew

Hajime Baba

André Cesar Baeck

Jean-Luc Bettiol

Thomas Anthony Cripe

Laura Cron

Ian Martin Dodd

Peter Robert Fote

Richard Timothy Hartshorn

Richard Timothy Hartshorn

Linda Anne Speed

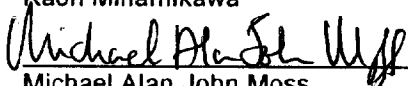
rs Linda Anne (Jones) Speed

Rinko Katsuda

Frank Andrej Kvietok

Mark Hsiang-Kuen Mao

Kaori Minamikawa

X  X

Michael Alan John Moss

Susumu Murata

Royohei Ohtani

Mitsuyo Okamoto

Rajan Keshav Panandiker

Kakumanu Prarnod

Khizar Mohamed Kahn Samaik

Jeffrey John Scheibel

Christiaan Arthur Jacques Kamiel Thoen

Kenneth William Willman

Witness to signatures of Inventors S.C. Askew, R.T. Hartshorn and L.A. Speed

Christine McCormick

Witness to signature of M.A.J. Moss

Gio Pao

A S S I G N M E N T

WHEREAS I/we, the following named inventor(s) in this application, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled ALKOXYLATED CATIONIC DETERGENCY INGREDIENTS, Attorney's Docket No. 6115MXC, Serial No. 09/295,421, filed April 21, 1999 (the hereinafter named assignee being authorized to insert said US Serial Number or Number of International Application designating the US and filing date when ascertained) and also set forth in whole or in part in application Serial No. 09/180,961, filed November 17, 1998, which is the National Phase Entry under 35 USC §371 of PCT International Application Serial No. PCT/US97/08442, filed May 16, 1997 to which said patent application claims priority under 35 USC §120; and United States Provisional Patent Application(s): 60/017,886, filed May 17, 1996 to which said patent application claims priority under Title 35 USC §119(e):

Kaori Asano of Kobe, Country of Japan, executed the above-referenced application on _____, 1999;

Stuart Clive Askew of Newcastle Upon Tyne, Country of England, executed the above-referenced application on _____, 1999;;

Hajime Baba of Hyougo-prefecture, Country of Japan, executed the above-referenced application on _____, 1999;

André Cesar Baeck of Bonheiden, Country of Belgium, executed the above-referenced application on _____, 1999;

Jean-Luc Bettiol of Brussels, Country of Belgium, executed the above-referenced application on _____, 1999;

Thomas Anthony Cripe of Loveland, County of Hamilton, State of Ohio, executed the above-referenced application on _____, 1999;

Laura Cron of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Ian Martin Dodd of Loughborough, Country of England executed the above-referenced application on *2nd July*, 1999; X

Peter Robert Foley of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on _____, 1999;

Richard Timothy Hartshorn, of Northumberland, Country of England, executed the above-referenced application on _____, 1999;

Lynda Anne (Jones) Speed, of Newcastle, Country of England, executed the above-referenced application on _____, 1999;

Rinko Katsuda of Kobe, Country of Japan, executed the above-referenced application on _____, 1999.

Frank Andrej Kvietok of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on _____, 1999;

Mark Hsiang-Kuen Mao of Kobe, Country of Japan executed the above-referenced application on _____, 1999;

Kaori Minamikawa of Hyogo, Country of Japan executed the above-referenced application on _____, 1999;

Michael Alan John Moss, of Rome, Country of Italy, executed the above-referenced application on _____, 1999;

Susumu Murata of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Royohei Ohtani of Hyogo, Country of Japan, executed the above-referenced application on _____, 1999;

Mitsuyo Okamoto of Hyogo, Country of Japan, executed the above-referenced application on _____, 1999;

Rajan Keshav Panandiker of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Kakumanu Pramod of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Khizar Mohamed Kahn Sarnaik of Kobe, Country of Japan, executed the above-referenced application on _____, 1999;

Jeffrey John Scheibel of Loveland, County of Cleremont, State of Ohio, executed the above-referenced application on _____, 1999;

Christiaan Arthur Jacques Kamiel Thoen of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999;

Kenneth William Willman of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on _____, 1999.

I/We made said invention set forth in said patent application and set forth in whole or in part in said provisional application while employed by, or otherwise under an obligation to assign said invention to The

Procter & Gamble Company or one of its Affiliates (including, Procter & Gamble Asia Pacific Ltd.; Procter & Gamble Australia Pty. Ltd.; Procter & Gamble Technology (Beijing) Co., Ltd.; Procter & Gamble Far East, Inc.; Procter & Gamble Hong Kong Ltd.; Procter & Gamble India, Ltd.; Procter & Gamble Indonesia; Procter & Gamble Korea, Inc.; Procter & Gamble Malaysia Sdn. Bhd.; Procter & Gamble Philippines, Inc.; Procter & Gamble Taiwan Ltd; and Procter & Gamble Manufacturing (Thailand) Ltd.) and acknowledge our obligation at the time the invention was made to assign said invention to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation and (in the case of employment by or obligation to an Affiliate) at the request of the Affiliate, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, the entire right, title and interest, including the right to claim priority of the filing date of said patent application and the filing date of said provisional patent application under international conventions, in said invention as set forth in said patent application as set forth in whole or in part in said provisional patent application, and in all patents of the United States and of any other country which may be issued for said invention, as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/us, to execute or assent to applications in countries other than the United States, and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

AND I/we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said patent and the invention covered thereby.

The ASSIGNMENT of said patent application is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of said patent application. The ASSIGNMENT of said provisional patent application(s) is effective as of the filing date(s) of said provisional patent application(s) respectively.

Kaori Asano

Stuart Clive Askew

Hajime Baba

André Cesar Baeck

Jean-Luc Bettiol

Thomas Anthony Cripe

Laura Cron

× _____
Ian Martin Dodd ×

Peter Robert Foley

Richard Timothy Hartshorn

Linda Anne (Jones) Speed

Rinko Katsuda

Frank Andrej Kvietok

Mark Hsiang-Kuen Mao

Kaori Minamikawa

Michael Alan John Moss

Susumu Murata

Royohei Ohtani

Mitsuyo Okamoto

Rajan Keshav Panandiker

Kakumanu Pramod

Khizar Mohamed Kahn Samaik

Jeffrey John Scheibel

Christiaan Arthur Jacques Kamiel Thoen

Kenneth William Willman

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Thomas Anthony Cripe, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Laura Cron, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Peter Robert Foley, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Frank Andrej Kvietok, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Susumu Murata, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Rajan Keshav Panandiker, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Kakumanu Pramod, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Jeffrey John Scheibel, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

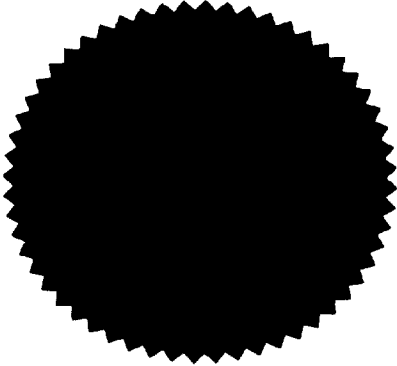
On this ____ day of _____, 1999, before me personally appeared Christiaan Arthur Jacques Kamiel Thoen, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Kenneth William Willman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of UNITED Kingdom
County of Derby } SS

On this 2nd day of July, 1999, before me personally appeared Ian Martin Dodd, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.



[Handwritten signature]

M. G. JINKS
64 FRIAR GATE
DERBY DE1 1DJ
ENGLAND
NOTARY PUBLIC & SOLICITOR
TEL: 01332 348791
FAX: 01332 739063

A S S I G N M E N T

WHEREAS I/we, the following named inventor(s) in this application, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled ALKOXYLATED CATIONIC DETERGENCY INGREDIENTS, Attorney's Docket No. 6115MXC, Serial No. 09/295,421, filed April 21, 1999 (the hereinafter named assignee being authorized to insert said US Serial Number or Number of International Application designating the US and filing date when ascertained) and also set forth in whole or in part in application Serial No. 09/180,961, filed November 17, 1998, which is the National Phase Entry under 35 USC §371 of PCT International Application Serial No. PCT/US97/08442, filed May 16, 1997 to which said patent application claims priority under 35 USC §120; and United States Provisional Patent Application(s): 60/017,886, filed May 17, 1996 to which said patent application claims priority under Title 35 USC §119(e):

- Kaori Asano of Kobe, Country of Japan, executed the above-referenced application on _____, 1999;
- Stuart Clive Askew of Newcastle Upon Tyne, Country of England, executed the above-referenced application on _____, 1999;
- Hajime Baba of Hyougo-prefecture, Country of Japan, executed the above-referenced application on _____, 1999;
- André Cesar Baeck of Bonheiden, Country of Belgium, executed the above-referenced application on _____, 1999;
- Jean-Luc Bettiol of Brussels, Country of Belgium, executed the above-referenced application on _____, 1999;
- Thomas Anthony Cripe of Loveland, County of Hamilton, State of Ohio, executed the above-referenced application on May 26, 1999;
- Laura Cron of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on May 14, 1999;
- Ian Martin Dodd of Loughborough, Country of England executed the above-referenced application on _____, 1999;
- Peter Robert Foley of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on May 6, 1999;
- Richard Timothy Hartshorn, of Northumberland, Country of England, executed the above-referenced application on _____, 1999;
- Lynda Anne (Jones) Speed, of Newcastle, Country of England, executed the above-referenced application on _____, 1999;
- Rinko Katsuda of Kobe, Country of Japan, executed the above-referenced application on _____, 1999.
- Frank Andrej Kvietok of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on May 6, 1999;
- Mark Hsiang-Kuen Mao of Kobe, Country of Japan executed the above-referenced application on _____, 1999;
- Kaori Minamikawa of Hyogo, Country of Japan executed the above-referenced application on _____, 1999;
- Michael Alan John Moss, of Rome, Country of Italy, executed the above-referenced application on _____, 1999;
- Susumu Murata of West Chester, County of Butler, State of Ohio, executed the above-referenced application on May 7, 1999;
- Royohei Ohtani of Hyogo, Country of Japan, executed the above-referenced application on _____, 1999;
- Mitsuyo Okamoto of Hyogo, Country of Japan, executed the above-referenced application on _____, 1999;
- Rajan Keshav Panandiker of West Chester, County of Butler, State of Ohio, executed the above-referenced application on May 13, 1999;
- Kakumanu Pramod of West Chester, County of Butler, State of Ohio, executed the above-referenced application on May 12, 1999;
- Khizar Mohamed Kahn Sarmaik of Kobe, Country of Japan, executed the above-referenced application on _____, 1999;
- Jeffrey John Scheibel of Loveland, County of Cleremont, State of Ohio, executed the above-referenced application on May 18, 1999;
- Christiaan Arthur Jacques Kamiel Thoen of West Chester, County of Butler, State of Ohio, executed the above-referenced application on May 14, 1999;
- Kenneth William Willman of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on June 7, 1999.

I/We made said invention set forth in said patent application and set forth in whole or in part in said provisional application while employed by, or otherwise under an obligation to assign said invention to The

Procter & Gamble Company or one of its Affiliates (including, Procter & Gamble Asia Pacific Ltd.; Procter & Gamble Australia Pty. Ltd.; Procter & Gamble Technology (Beijing) Co., Ltd.; Procter & Gamble Far East, Inc.; Procter & Gamble Hong Kong Ltd.; Procter & Gamble India, Ltd.; Procter & Gamble Indonesia; Procter & Gamble Korea, Inc.; Procter & Gamble Malaysia Sdn. Bhd.; Procter & Gamble Philippines, Inc.; Procter & Gamble Taiwan Ltd; and Procter & Gamble Manufacturing (Thailand) Ltd.) and acknowledge our obligation at the time the invention was made to assign said invention to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation and (in the case of employment by or obligation to an Affiliate) at the request of the Affiliate, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, the entire right, title and interest, including the right to claim priority of the filing date of said patent application and the filing date of said provisional patent application under international conventions, in said invention as set forth in said patent application as set forth in whole or in part in said provisional patent application, and in all patents of the United States and of any other country which may be issued for said invention, as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/us, to execute or assent to applications in countries other than the United States, and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

AND I/we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said patent and the invention covered thereby.

The ASSIGNMENT of said patent application is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of said patent application. The ASSIGNMENT of said provisional patent application(s) is effective as of the filing date(s) of said provisional patent application(s) respectively.

Kaori Asano

Stuart Clive Askew

Hajime Baba

André Cesar Baeck

Jean-Luc Bettiol

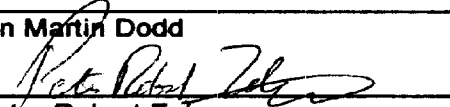


Thomas Anthony Cripe



Laura Cron

Ian Martin Dodd



Peter Robert Foley

Richard Timothy Hartshorn

Linda Anne (Jones) Speed

Rinko Katsuda

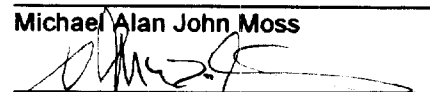


Frank Andrej Kvietok

Mark Hsiang-Kuen Mao

Kaori Minamikawa

Michael Alan John Moss




Susumu Murata

Royohei Ohtani

Mitsuyo Okamoto




Rajan Keshav Panandiker



Kakumanu Pramod

Khizar Mohamed Kahn Samaik



Jeffrey John Scheibel

Christiaan Arthur Jacques Kamiel Thoen



Kenneth William Willman

State of Ohio }
 } SS
County of Hamilton }

On this 26th day of May, 1999, before me personally appeared Thomas Anthony Cripe, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Diane Frances Robinson

DIANE FRANCES ROBINSON
Notary Public, State of Ohio
My Commission Expires Feb. 15, 2002

State of Ohio }
 } SS
County of Hamilton }

On this 14th day of May, 1999, before me personally appeared Laura Cron, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Diane Frances Robinson

DIANE FRANCES ROBINSON
Notary Public, State of Ohio
My Commission Expires Feb. 15, 2002

State of Ohio }
 } SS
County of Hamilton }

On this 7 day of May, 1999, before me personally appeared Peter Robert Foley, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Karen L. Pfeiffer

KAREN L. PFEIFFER
Notary Public, State of Ohio
My Commission Expires Sept. 15, 2002

State of Ohio }
 } SS
County of Hamilton }

On this 7 day of May, 1999, before me personally appeared Frank Andrej Kvietok, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.



Karen L. Pfeiffer

KAREN L. PFEIFFER
Notary Public, State of Ohio
My Commission Expires Sept. 15, 2002

State of Ohio }
 } SS
County of Hamilton }

On this 7 day of May, 1999, before me personally appeared Susumu Murata, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.



Karen L. Pfeiffer

KAREN L. PFEIFFER
Notary Public, State of Ohio
My Commission Expires Sept. 15, 2002

State of Ohio }
 } SS
County of Hamilton }

On this 13 day of May, 1999, before me personally appeared Rajan Keshav Panandiker, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

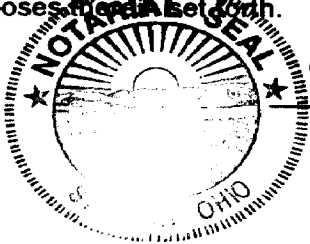


Virginia C. Byrd

VIRGINIA C. BYRD
Notary Public, State of Ohio
My Commission Expires Oct. 2, 2000

State of Ohio }
 } SS
County of Hamilton }

On this 12th day of May, 1999, before me personally appeared Kakumanu Pramod, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.



Virginia C. Byrd

VIRGINIA C. BYRD
Notary Public, State of Ohio
My Commission Expires Oct. 2, 2000

State of Ohio }
 } SS
County of Hamilton }

On this 18th day of May, 1999, before me personally appeared Jeffrey John Scheibel, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Diane Frances Robinson

DIANE FRANCES ROBINSON
Notary Public, State of Ohio
My Commission Expires Feb. 15, 2002

State of Ohio }
 } SS
County of Hamilton }

On this 14th day of May, 1999, before me personally appeared Christiaan Arthur Jacques Kamiel Thoen, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Diane Frances Robinson

DIANE FRANCES ROBINSON
Notary Public, State of Ohio
My Commission Expires Feb. 15, 2002

State of Ohio }
 } SS
County of Hamilton }

On this 7th day of June, 1999, before me personally appeared Kenneth William Willman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Poppy D. Bahrs

POPPY D. BAHRS
Notary Public, State of Ohio
My Commission Expires Apr. 24, 2004

State of _____ }
 } SS
County of _____ }

On this _____ day of _____, 1999, before me personally appeared Ian Martin Dodd, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

A S S I G N M E N T

WHEREAS I/we, the following named inventor(s) in this application, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled ALKOXYLATED CATIONIC DETERGENCY INGREDIENTS, Attorney's Docket No. **6115MXC**, Serial No. **09/295,421**, filed **April 21, 1999** (the hereinafter named assignee being authorized to insert said US Serial Number or Number of International Application designating the US and filing date when ascertained) and also set forth in whole or in part in application Serial No. **09/180,961**, filed **November 17, 1998**, which is the National Phase Entry under 35 USC §371 of PCT International Application Serial No. **PCT/US97/08442**, filed **May 16, 1997** to which said patent application claims priority under 35 USC §120; and United States Provisional Patent Application(s): **60/017,886**, filed **May 17, 1996** to which said patent application claims priority under Title 35 USC §119(e):

Kaori Asano of Kobe, Country of Japan, executed the above-referenced application on _____, **1999**;

Stuart Clive Askew of Newcastle Upon Tyne, Country of England, executed the above-referenced application on _____, **1999**;;

Hajime Baba of Hyougo-prefecture, Country of Japan, executed the above-referenced application on _____, **1999**;

André Cesar Baeck of Bonheiden, Country of Belgium, executed the above-referenced application on May 21, **1999**;

Jean-Luc Philippe Bettiol of Brussels, Country of Belgium, executed the above-referenced application on May 27, **1999**;

Thomas Anthony Cripe of Loveland, County of Hamilton, State of Ohio, executed the above-referenced application on _____, **1999**;

Laura Cron of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on _____, **1999**;

Ian Martin Dodd of Loughborough, Country of England executed the above-referenced application on _____, **1999**;

Peter Robert Foley of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on _____, **1999**;

Richard Timothy Hartshorn, of Northumberland, Country of England, executed the above-referenced application on _____, **1999**;

Lynda Anne (Jones) Speed, of Newcastle, Country of England, executed the above-referenced application on _____, **1999**;

Rinko Katsuda of Kobe, Country of Japan, executed the above-referenced application on _____, **1999**.

Frank Andrej Kvietok of Cincinnati, County of Hamilton, State of Ohio, executed the above-referenced application on _____, **1999**;

Mark Hsiang-Kuen Mao of Kobe, Country of Japan executed the above-referenced application on _____, **1999**;

Kaori Minamikawa of Hyogo, Country of Japan executed the above-referenced application on _____, **1999**;

Michael Alan John Moss, of Rome, Country of Italy, executed the above-referenced application on _____, **1999**;

Susumu Murata of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, **1999**;

Royohei Ohtani of Hyogo, Country of Japan, executed the above-referenced application on _____, **1999**;

Mitsuyo Okamoto of Hyogo, Country of Japan, executed the above-referenced application on _____, **1999**;

Rajan Keshav Panandiker of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, **1999**;

Kakumanu Pramod of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, **1999**;

Khizar Mohamed Kahn Sarnaik of Kobe, Country of Japan, executed the above-referenced application on _____, **1999**;

Jeffrey John Scheibel of Loveland, County of Cleremont, State of Ohio, executed the above-referenced application on _____, **1999**;

Christiaan Arthur Jacques Kamiel Thoen of West Chester, County of Butler, State of Ohio, executed the above-referenced application on _____, **1999**;

Kenneth William Willman of Fairfield, County of Butler, State of Ohio, executed the above-referenced application on _____, **1999**.

I/We made said invention set forth in said patent application and set forth in whole or in part in said provisional application while employed by, or otherwise under an obligation to assign said invention to The Procter & Gamble Company or one of its Affiliates (including, Procter & Gamble Asia Pacific Ltd.; Procter & Gamble Australia Pty. Ltd.; Procter & Gamble Technology (Beijing) Co., Ltd.; Procter & Gamble Far East, Inc.; Procter & Gamble Hong Kong Ltd.; Procter & Gamble India, Ltd.; Procter & Gamble Indonesia; Procter & Gamble Korea, Inc.; Procter & Gamble Malaysia Sdn. Bhd.; Procter & Gamble Philippines, Inc.; Procter & Gamble Taiwan Ltd; and Procter & Gamble Manufacturing (Thailand) Ltd.) and acknowledge our obligation at the time the invention was made to assign said invention to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation and (in the case of employment by or obligation to an Affiliate) at the request of the Affiliate, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, the entire right, title and interest, including the right to claim priority of the filing date of said patent application and the filing date of said provisional patent application under international conventions, in said invention as set forth in said patent application as set forth in whole or in part in said provisional patent application, and in all patents of the United States and of any other country which may be issued for said invention, as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/us, to execute or assent to applications in countries other than the United States, and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

AND I/we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said patent and the invention covered thereby.

The ASSIGNMENT of said patent application is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of said patent application. The ASSIGNMENT of said provisional patent application(s) is effective as of the filing date(s) of said provisional patent application(s) respectively.

Kaori Asano

Stuart Clive Askew

Hajime Baba

Andre Cesar Babek

Jean-Luc Philippe Bettiol

Thomas Anthony Cripe

Laura Cron

Ian Martin Dodd

Peter Robert Foley

Richard Timothy Hartshorn

Linda Anne (Jones) Speed

Rinko Katsuda

Frank Andrej Kvietok

Mark Hsiang-Kuen Mao

Kaori Minamikawa

Michael Alan John Moss

Susumu Murata

Royohei Ohtani

Mitsuyo Okamoto

Rajan Keshav Panandiker

Kakumanu Pramod

Khizar Mohamed Kahn Sarnaik

Jeffrey John Scheibel

Christiaan Arthur Jacques Kamiel Thoen

Kenneth William Willman

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Thomas Anthony Cripe, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Laura Cron, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Peter Robert Foley, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Frank Andrej Kvietok, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Susumu Murata, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this _____ day of _____, 1999, before me personally appeared Rajan Keshav Panandiker, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this _____ day of _____, 1999, before me personally appeared Kakumanu Pramod, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this _____ day of _____, 1999, before me personally appeared Jeffrey John Scheibel, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this _____ day of _____, 1999, before me personally appeared Christiaan Arthur Jacques Kamiel Thoen, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this _____ day of _____, 1999, before me personally appeared Kenneth William Willman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of _____ }
 } SS
County of _____ }

On this _____ day of _____, 1999, before me personally appeared Ian Martin Dodd, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

A S S I G N M E N T

WHEREAS I/we, the following named inventor(s) in this application, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled ALKOXYLATED CATIONIC DETERGENCY INGREDIENTS, Attorney's Docket No. **6115MXC**, Serial No. **09/295,421**, filed **April 21, 1999** (the hereinafter named assignee being authorized to insert said US Serial Number or Number of International Application designating the US and filing date when ascertained) and also set forth in whole or in part in application Serial No. **09/180,961**, filed **November 17, 1998**, which is the National Phase Entry under 35 USC §371 of PCT International Application Serial No. **PCT/US97/08442**, filed **May 16, 1997** to which said patent application claims priority under 35 USC §120; and United States Provisional Patent Application(s): **60/017,886**, filed **May 17, 1996** to which said patent application claims priority under Title 35 USC §119(e):

Kaori Asano of **Kobe**, Country of **Japan**, executed the above-referenced application on May 10, 1999, 1999;

Stuart Clive Askew of **Newcastle Upon Tyne**, Country of **England**, executed the above-referenced application on _____, 1999;

Hajime Baba of **Hyougo-prefecture**, Country of **Japan**, executed the above-referenced application on May 10, 1999, 1999;

André Cesar Baeck of **Bonheiden**, Country of **Belgium**, executed the above-referenced application on _____, 1999;

Jean-Luc Bettiol of **Brussels**, Country of **Belgium**, executed the above-referenced application on _____, 1999;

Thomas Anthony Cripe of **Loveland**, County of **Hamilton**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Laura Cron of **Fairfield**, County of **Butler**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Ian Martin Dodd of **Loughborough**, Country of **England** executed the above-referenced application on _____, 1999;

Peter Robert Foley of **Cincinnati**, County of **Hamilton**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Richard Timothy Hartshorn, of **Northumberland**, Country of **England**, executed the above-referenced application on _____, 1999;

Lynda Anne (Jones) Speed, of **Newcastle**, Country of **England**, executed the above-referenced application on _____, 1999;

Rinko Katsuda of **Kobe**, Country of **Japan**, executed the above-referenced application on May 11, 1999.

Frank Andrej Kvietok of **Cincinnati**, County of **Hamilton**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Mark Hsiang-Kuen Mao of **Kobe**, Country of **Japan** executed the above-referenced application on May 11, 1999;

Kaori Minamikawa of **Hyogo**, Country of **Japan** executed the above-referenced application on May 11, 1999;

Michael Alan John Moss, of **Rome**, Country of **Italy**, executed the above-referenced application on _____, 1999;

Susumu Murata of **West Chester**, County of **Butler**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Royohei Ohtani of **Hyogo**, Country of **Japan**, executed the above-referenced application on May 12, 1999;

Mitsuyo Okamoto of **Hyogo**, Country of **Japan**, executed the above-referenced application on May 13, 1999;

Rajan Keshav Panandiker of **West Chester**, County of **Butler**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Kakumanu Pramod of **West Chester**, County of **Butler**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Khizar Mohamed Kahn Sarnaik of **Kobe**, Country of **Japan**, executed the above-referenced application on May 12, 1999;

Jeffrey John Scheibel of **Loveland**, County of **Clermont**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Christiaan Arthur Jacques Kamiel Thoen of **West Chester**, County of **Butler**, State of **Ohio**, executed the above-referenced application on _____, 1999;

Kenneth William Willman of **Fairfield**, County of **Butler**, State of **Ohio**, executed the above-referenced application on _____, 1999.

I/We made said invention set forth in said patent application and set forth in whole or in part in said provisional application while employed by, or otherwise under an obligation to assign said invention to The Procter & Gamble Company or one of its Affiliates (including, Procter & Gamble Asia Pacific Ltd.; Procter & Gamble Australia Pty. Ltd.; Procter & Gamble Technology (Beijing) Co., Ltd.; Procter & Gamble Far East, Inc.; Procter & Gamble Hong Kong Ltd.; Procter & Gamble India, Ltd.; Procter & Gamble Indonesia; Procter & Gamble Korea, Inc.; Procter & Gamble Malaysia Sdn. Bhd.; Procter & Gamble Philippines, Inc.; Procter & Gamble Taiwan Ltd; and Procter & Gamble Manufacturing (Thailand) Ltd.) and acknowledge our obligation at the time the invention was made to assign said invention to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation and (in the case of employment by or obligation to an Affiliate) at the request of the Affiliate, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, the entire right, title and interest, including the right to claim priority of the filing date of said patent application and the filing date of said provisional patent application under international conventions, in said invention as set forth in said patent application as set forth in whole or in part in said provisional patent application, and in all patents of the United States and of any other country which may be issued for said invention, as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/us, to execute or assent to applications in countries other than the United States, and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

AND I/we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said patent and the invention covered thereby.

The ASSIGNMENT of said patent application is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of said patent application. The ASSIGNMENT of said provisional patent application(s) is effective as of the filing date(s) of said provisional patent application(s) respectively.

Kaori Asano
Kaori Asano

Stuart Clive Askew

Hajime Baba
Hajime Baba

André Cesar Baeck

Jean-Luc Bettiol

Thomas Anthony Cripe

Laura Cron

Ian Martin Dodd

Peter Robert Foley

Richard Timothy Hartshorn

Linda Anne (Jones) Speed

Rinko Katsuda

Rinko Katsuda

Frank Andrej Kvietok

Mark Hsiang-Kuen Mao

Mark Hsiang-Kuen Mao

Kaori Minamikawa

Kaori Minamikawa

Michael Alan John Moss

Susumu Murata

Susumu Murata

Royohei Ohtani

Royohei Ohtani

Mitsuyo Okamoto

Rajan Keshav Panandiker

Kakumanu Pramod

Khizat Mohamed Kahn Sarnaik

Khizat Mohamed Kahn Sarnaik

Jeffrey John Scheibel

Christiaan Arthur Jacques Kamiel Thoen

Kenneth William Willman

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Thomas Anthony Cripe, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Laura Cron, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Peter Robert Foley, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Frank Andrej Kvietok, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 } SS
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Susumu Murata, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 }
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Rajan Keshav Panandiker, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 }
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Kakumanu Pramod, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 }
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Jeffrey John Scheibel, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 }
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Christiaan Arthur Jacques Kamiel Thoen, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of Ohio }
 }
County of Hamilton }

On this ____ day of _____, 1999, before me personally appeared Kenneth William Willman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

State of _____ }
 } SS
County of _____ }

On this _____ day of _____, 1999, before me personally appeared Ian Martin Dodd, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.
