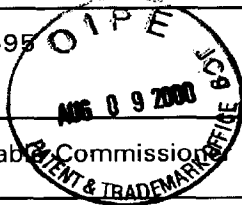


FORM PTO-1595  
1-31-92



REC

08-31-2000



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

D \$

101447453

To The Honorable Commissioner of Patents and Trademarks, Patent and Trademark Office, Washington, D.C. 20231

Attached original documents or copy

1. Name of conveying party(ies):

David A. Dickason  
Piyush R. Patel  
Vincent Corvari  
Efraim Shek

Joseph L. Herman  
Jeffrey M. Skell

Additional name(s) of conveying party(ies)  
attached? ( ) YES (X) NO

3. Nature of Conveyance:

- (X) Assignment ( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

Execution Date(s): February 11, 2000; January 31,  
2000; February 24, 2000; February 4, 2000; January  
31, 2000; February 3, 2000;

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

Name: Cephalon, Inc.

Street Address: 145 Brandywine Parkway

City: West Chester

State Pennsylvania ZIP 19380

Additional name(s) & address attached? ( ) YES (X) NO

4. Application number(s) or patent number(s): 09/368,409 If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
09/368,409

B. Patent No.(s)

Additional numbers attached? ( ) YES (X) NO

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

Name: David A. Cherry  
Internal Address: WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
Philadelphia, Pennsylvania 19103-7301  
Street Address: WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
1650 Market Street  
Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved: 1

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

(X) Enclosed

( ) Authorized to be charged to Deposit Account  
Number 23-3050

8. Please charge any deficiency or credit any  
overpayment to Deposit Account Number 23-3050

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.

David A. Cherry, Reg. No. 35,099

Name of Person Signing/Reg. No.

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

Signature

August 7, 2000  
Date

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

08/30/2000 NTHAI1 00000238 09368409

01 FC:581

40.00 OP

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I, **David A. Dickason**, herein after referred to as the assignor, residing at **4739 Vicbarb Lane, Cincinnati, OH 45244**, am a joint inventor with **Piyush R. Patel, Vincent Corvari, Efraim Shek, Joseph L. Herman, and Jeffry M. Skell**, of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Serial No. **09/368,409**, filed **August 5, 1999**, entitled **PARTICLE FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES**; and

WHEREAS, **Cephalon, Inc.**, hereinafter referred to as the assignee, of **145 Brandywine Parkway, West Chester, PA 19380**, a corporation of **Delaware, U.S.A.**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and

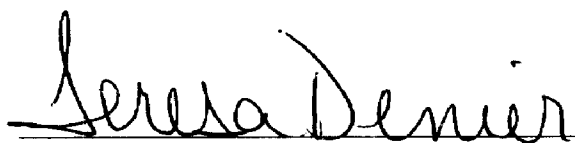
Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

  
\_\_\_\_\_  
David A. Dickason (L.S.)

State of Ohio  
COUNTY OF Clermont : SS

On this 11 day of Feb, 2000, before me personally came the above named David A Dickason, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

  
\_\_\_\_\_  
Notary Public

**TERESA DENIER  
NOTARY PUBLIC STATE OF OHIO  
MY COMMISSION EXPIRES  
MARCH 6TH 2004**

**ASSIGNMENT**

WHEREAS, I, **Piyush R. Patel**, herein after referred to as the assignor, residing at **716 Scott Lane, Wallingford, PA 19086**, am a joint inventor with **David A. Dickason, Vincent Corvari, Efraim Shek, Joseph L. Herman, and Jeffry M. Skell** of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Serial No. **09/368,409**, filed **August 5, 1999**, entitled **PARTICLE FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES**; and

WHEREAS, **Cephalon, Inc.**, hereinafter referred to as the assignee, of **145 Brandywine Parkway, West Chester, PA 19380**, a corporation of **Delaware, U.S.A.**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and

Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

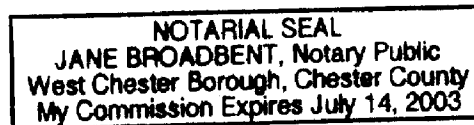
IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Piyush Patel (L.S.)  
Piyush R. Patel

Commonwealth of Pennsylvania  
: SS  
COUNTY OF Chester:

On this 31 day of January, 19 2003 before me personally came the above named Piyush R. Patel, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Jane Broadbent  
Notary Public



**ASSIGNMENT**

WHEREAS, I, **Vincent Corvari**, herein after referred to as the assignor, residing at **5 Shakespeare Road, Nashua, NH 03062**, am a joint inventor with **David A. Dickason, Piyush R. Patel, Efraim Shek, Joseph L. Herman, and Jeffry M. Skell** of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Serial No. **09/368,409**, filed **August 5, 1999**, entitled **PARTICLE FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES**; and

WHEREAS, **Cephalon, Inc.**, hereinafter referred to as the assignee, of **145 Brandywine Parkway, West Chester, PA 19380**, a corporation of **Delaware, U.S.A.**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and

Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Vincent Corvari (L.S.)  
Vincent Corvari

Massachusetts :  
: SS  
COUNTY OF Middlesex :

On this 24<sup>th</sup> day of February, 2000, before me personally came the above named Vincent Corvari, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Ruth F.B. Munson  
Notary Public

RUTH F.B. MUNSON  
Notary Public  
My Commission Expires December 10, 2004

ASSIGNMENT

WHEREAS, I, **Efraim Shek**, herein after referred to as the assignor, residing at **924 Primrose Lane, Wynnewood, PA 19096**, am a joint inventor with **David A. Dickason, Piyush R. Patel, Vincent Corvari, Joseph L. Herman, and Jeffry M. Skell** of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Serial No. **09/368,409**, filed **August 5, 1999**, entitled **PARTICLE FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES**; and

WHEREAS, **Cephalon, Inc.**, hereinafter referred to as the assignee, of **145 Brandywine Parkway, West Chester, PA 19380**, a corporation of **Delaware, U.S.A.**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and



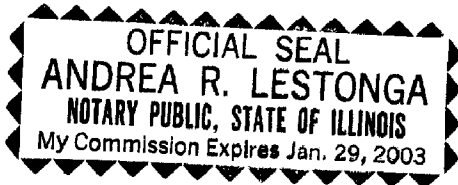
Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Efrain Shek (L.S.)  
Efrain Shek

\_\_\_\_\_  
COUNTY OF Lake : SS

On this 4 day of February, ~~2000~~, before me personally came the above named Efrain Shek, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Andrea R. Lestonga  
Notary Public

ASSIGNMENT

WHEREAS, I, **Joseph L. Herman**, herein after referred to as the assignor, residing at **1051 Squires Drive, West Chester, PA 19382**, am a joint inventor with **David A. Dickason, Piyush R. Patel, Vincent Corvari, Efraim Shek, and Jeffrey M. Skell** of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Serial No. **09/368,409**, filed **August 5, 1999**, entitled **PARTICLE FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES**; and

WHEREAS, **Cephalon, Inc.**, hereinafter referred to as the assignee, of **145 Brandywine Parkway, West Chester, PA 19380**, a corporation of **Delaware, U.S.A.**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and

Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

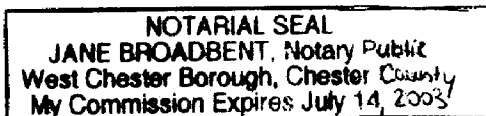
IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Joseph L. Herman (L.S.)  
Joseph L. Herman

Commonwealth of Pennsylvania  
COUNTY OF Chester : SS

On this 31 day of January, ~~19 2000~~, before me personally came the above named Joseph L. Herman, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Jane Broadbent  
Notary Public



**ASSIGNMENT**

WHEREAS, I, **Jeffry M. Skell**, herein after referred to as the assignor, residing at **727 W. Grand Avenue, Rahway, NJ 07065**, am a joint inventor with **David A. Dickason, Piyush R. Patel, Vincent Corvari, Efraim Shek, and Joseph L. Herman**, of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Serial No. **09/368,409**, filed **August 5, 1999**, entitled **PARTICLE FORMING COMPOSITIONS CONTAINING FUSED PYRROLOCARBAZOLES**; and

WHEREAS, **Cephalon, Inc.**, hereinafter referred to as the assignee, of **145 Brandywine Parkway, West Chester, PA 19380**, a corporation of **Delaware, U.S.A.**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

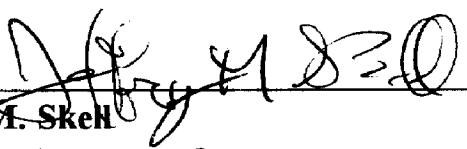
NOW, THEREFORE, good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and

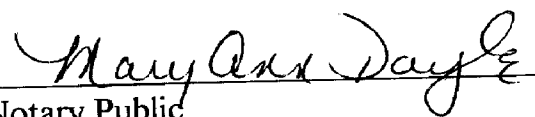
Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

  
\_\_\_\_\_  
Jeffrey M. Skell (L.S.)  
Jeffrey JMS Feb. 03, 2000

\_\_\_\_\_  
: SS  
COUNTY OF Union :

On this 3<sup>rd</sup> day of FEBRUARY, 2000, before me personally came the above named JEFFREY SKELL, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

  
\_\_\_\_\_  
Notary Public

MARYANN DOYLE  
NOTARY PUBLIC OF NEW JERSEY  
my Commission Expires April 11, 2001  
Qualified in Union County