

04-21-2006



103223685

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Ron L. Hale; Mingzu Lei; Hilary N. Pettit; Dennis W. Solas; Soonho Song; Curtis Tom

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 02/01/06; 02/13/06; 03/31/06; 04/10/06

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Alexza Pharmaceuticals, Inc.

Internal Address: _____

Street Address: 1020 East Meadow Circle

City: Palo Alto

State: CA

Country: USA

Zip: 94303

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

4. Application or patent number(s):

A. Patent Application No.(s)

10/851,018 filed on May 20, 2004

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Swanson & Bratschun LLC

Internal Address: _____

Street Address: 1745 Shea Center Drive, Suite 330

City: Highlands Ranch

State: CO

Zip: 80129

Phone Number: 303-268-0066

Fax Number: 303-268-0065

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 19-5117

Authorized User Name Katherine Lobel-Rice

9. Signature:

Signature

April 17, 2006

Date

Katherine Lobel-Rice, #58,079

Name of Person Signing

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

20

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

04/11/2006
500093155

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Inventor Soonho Song executed Assignment but his name was omitted on 1st Paragraph of Assignment and Recordation Form previously recorded on Reel 015373 Frame 0268. Assignor (s) hereby confirms the Assignment of Assignor's Interest recorded on 05/20/2004 at Reel/Frame 015373/0268.

CONVEYING PARTY DATA

Name	Execution Date
Mingzu LEI	02/01/2006
Hilary N. PETTIT	04/10/2006
Soonho SONG	02/01/2006
Curtis TOM	03/31/2006
Ron L. HALE	02/13/2006
Dennis W. SOLAS	02/01/2006

RECEIVING PARTY DATA

Name:	Alexza Pharmaceuticals, Inc.
Street Address:	1020 East Meadow Circle
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94303

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10851018

CORRESPONDENCE DATA

Fax Number: (303)268-0065

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 303-268-0066

Email: vdoucet@sbiplaw.com

Correspondent Name: Swanson & Bratschun LLC

Address Line 1: 1745 Shea Center Drive, Suite 330

Address Line 4: Highlands Ranch, COLORADO 80129

CH \$40.00 10851018

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled "**Stable Initiator Compositions and Igniters**" for which an application for United States Letters Patent was filed on **May 20, 2004** as Application Serial No. **10/851,018**, and

WHEREAS, **Alexza Pharmaceuticals, Inc.** ("Assignee") a Delaware Corporation, having a place of business at **1020 East Meadow Circle, Palo Alto, California 94303**, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: 2-13-06

Address:

Ron L. Hale
17085 Skyline Boulevard
Woodside, California 94062

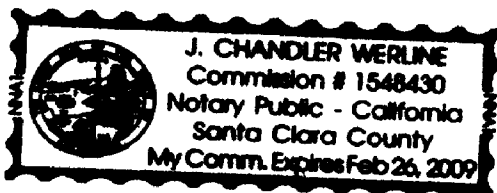
STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

The foregoing instrument was acknowledged before me this 13th day of FEBRUARY, 2006, by Ron L. Hale.

Witness my hand and official seal.

My commission expires: 2-26-09

J. Chandler Werline
Notary Public



1 of 4

Date: Feb 1, 2006

Address:

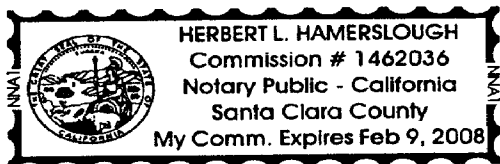
Mingzu Lei
Mingzu Lei
1950 Montecito Avenue, Apt. 25
Mountain View, California 94043

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

The foregoing instrument was acknowledged before me this 1st day of FEBRUARY, 2006,
by Mingzu Lei.

Witness my hand and official seal.

My commission expires: 2-9-2008



Herbert L. Hamerslough
Notary Public

Date: 4/10/06

Address:

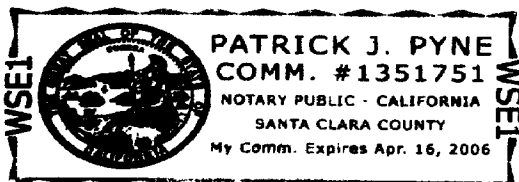
Hilary N. Pettit
Hilary N. Pettit
6208 Buena Vista Drive #B
Newark, California 94560

STATE OF California)
COUNTY OF Santa Clara) ss.

The foregoing instrument was acknowledged before me this 10 day of April, 2006,
by Hilary N. Pettit.

Witness my hand and official seal.

My commission expires: April 16, 2006



Patrick J. Pyne
Notary Public

2 of 4

Date: Feb 1, 2006

Address:

Dennis W. Solas

Dennis W. Solas
22 Sequoia Way
San Francisco, California 94127

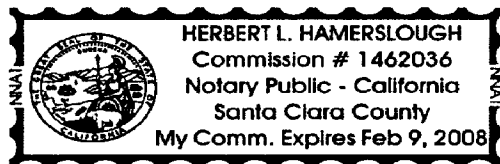
STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

The foregoing instrument was acknowledged before me this 1st day of FEBRUARY, 2006,
by Dennis W. Solas.

Witness my hand and official seal.

My commission expires: 2-9-2008

Herbert L. Hamerslough
Notary Public



Date: Feb 1, 2006

Address:

Soonho Song

Soonho Song
1053 Parrott Drive
Hillsborough, CA 94010

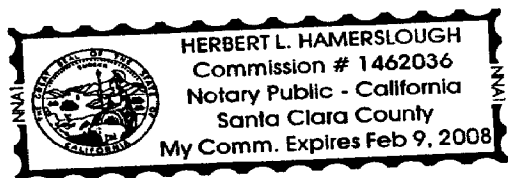
STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

The foregoing instrument was acknowledged before me this 1st day of FEBRUARY, 2006,
by Soonho Song.

Witness my hand and official seal.

My commission expires: 2-9-2008

Herbert L. Hamerslough
Notary Public



Date: 31 MAR 06

Address:

Curtis Tom 31 MAR 06
Curtis Tom
2237 Bunker Hill Drive
San Mateo, California 94402

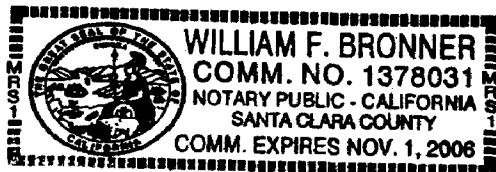
STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

The foregoing instrument was acknowledged before me this 31 day of MARCH, 2006,
by Curtis Tom.

Witness my hand and official seal.

My commission expires: NOV 1, 2006

William F Bronner
Notary Public



WILLIAM F BRONNER, Notary Public
Comm. No. 1378031 Exp. Nov. 1, 2006
State of California County of Santa Clara

Attorney Docket: 00075.01NP

ASSIGNMENT


WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled "Stable Initiator Compositions and Igniters" for which an application for United States Letters Patent was filed on May 20, 2004 as Application Serial No. 10/851,018, and

WHEREAS, Alexza Pharmaceuticals, Inc. ("Assignee") a Delaware Corporation, having a place of business at 1020 East Meadow Circle, Palo Alto, California 94303, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: 2-13-06


 Ron L. Hale
 17085 Skyline Boulevard
 Woodside, California 94062

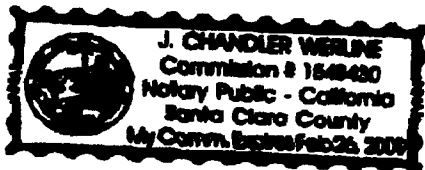
Address:

STATE OF CALIFORNIA)
 COUNTY OF SANTA CLARA) ss.

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Witness my hand and official seal.
 My commission expires: 2-26-09


 Notary Public



Date: Feb 1, 2006

Mingzu Lei
Mingzu Lei
1950 Montecito Avenue, Apt. 25
Mountain View, California 94043

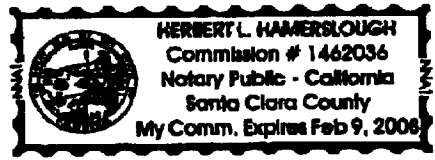
Address:

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

The foregoing instrument was acknowledged before me this 1st day of February, 2006,
by Mingzu Lei.

Witness my hand and official seal.
My commission expires: 2-9-2008

Herbert L. Hammerslough
Notary Public



Date: 4/10/06

Hilary N. Pettit
Hilary N. Pettit
6208 Buena Vista Drive #B
Newark, California 94560

Address:

STATE OF California)
COUNTY OF Santa Clara) ss.

The foregoing instrument was acknowledged before me this 10 day of April, 2006,
by Hilary N. Pettit.

Witness my hand and official seal.
My commission expires: April 16, 2006

Patrick J. Pyne
Notary Public



Date: Feb 1, 2006

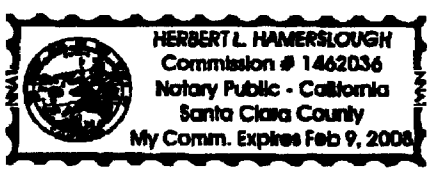
Dennis W. Solas
Dennis W. Solas
22 Sequoia Way
San Francisco, California 94127

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

The foregoing instrument was acknowledged before me this 1st day of FEBRUARY, 2006,
by Dennis W. Solas.

Witness my hand and official seal.
My commission expires: 2-9-2008

Herbert L. Hamerslough
Notary Public



Date: Feb. 1, 2006

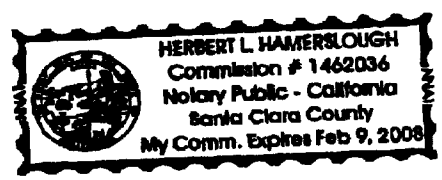
Soonho Song
Soonho Song
1053 Parrott Drive
Hillsborough, CA 94010

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

The foregoing instrument was acknowledged before me this 1st day of FEBRUARY, 2006,
by Soonho Song.

Witness my hand and official seal.
My commission expires: 2-9-2008

Herbert L. Hamerslough
Notary Public



Date: 31 MAR 06

Address:

Curtis Tom 31 MAR 06
Curtis Tom
2237 Bunker Hill Drive
San Mateo, California 94402

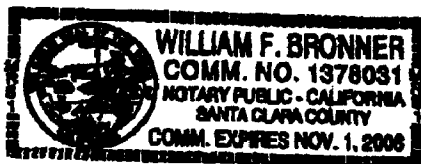
STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

The foregoing instrument was acknowledged before me this 31 day of MARCH, 2006,
by Curtis Tom.

Witness my hand and official seal.

My commission expires: NOV 1, 2006

William F Bronner
Notary Public



WILLIAM F. BRONNER, Notary Public
Comm. No. 1378031 Exp. Nov. 1, 2006
State of California County of Santa Clara

06-01-2004



102755408

ket No.: 00075.01NP

SHEET

Y

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings → → → ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

5-20-04
Ron L. Hale, Mingzu Lei, Hilary N. Pettit, Dennis W. Solas
and Curtis Tom

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 05/19/2004

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

Name: Alexza Molecular Delivery Corporation

Internal Address: _____

Street Address: 1001 East Meadow Circle

City: Palo Alto State: CA ZIP: 94303

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

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

If this document is being filed together with a new application, the execution date of the application is: 5/20/2004

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:

Name: Elaine C. Stracker

Internal Address: _____

Street Address: Alexza Molecular Delivery Corporation

1001 East Meadow Circle

City: Palo Alto State: CA ZIP: 94303

6. Total number of applications and patents involved:

1

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

502731

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

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.

Elaine C. Stracker J.D., Ph.D.

Name of Person Signing

Signature

05/20/2004

Date

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

4

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services

PATENT

REEL: 017795 FRAME: 0866

U.S. PTO
10/851018

10851018

502731

05/20/2004

FC 8021

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by Ron L. Hale, Mingzu Lei, Hilary N. Pettit, Dennis W. Solas and Curtis Tom (hereinafter referred to as the assignors), residing at 17085 Skyline Blvd, Woodside, CA 94062, 1950 Montecito Avenue, Apt. 25, Mountain View, California 94043, 6208 Buena Vista Drive #B, Newark, California 94560, 22 Sequoia Way, San Francisco, CA 94127, and 2237 Bunker Hill Drive, San Mateo, California 94402 respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in a patent application entitled STABLE INITIATOR COMPOSITIONS AND IGNITERS, set forth in a Non-provisional application in the United States Patent and Trademark Office; filed on May 20, 2004; and

WHEREAS, ALEXZA Molecular Delivery Corporation, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 1001 East Meadow Circle, Palo Alto, California 94303 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon:

NOW, THEREFORE, for valuable consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

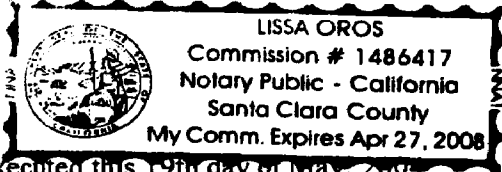
AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

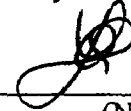
Executed this 19th day of May, 2004.
at Palo Alto, California


(Signature of Inventor)


State of California)
County of Santa Clara)

Before me personally appeared said Ron L. Hale
And acknowledge the foregoing instrument to be his free act and deed this 19th day of May, 2004.



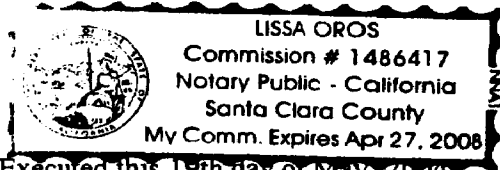

(Notary Public)

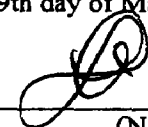
Executed this 19th day of May, 2004.
at Palo Alto, California


(Signature of Inventor)

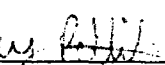
State of California)
County of Santa Clara)

Before me personally appeared said Mingzu Lei
And acknowledge the foregoing instrument to be his free act and deed this 19th day of May, 2004.



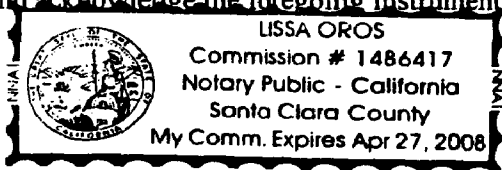

(Notary Public)

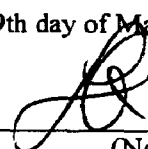
Executed this 19th day of May, 2004.
at Palo Alto, California


(Signature of Inventor)


State of California)
County of Santa Clara)

Before me personally appeared said Hilary N. Pettit
And acknowledge the foregoing instrument to be his free act and deed this 19th day of May, 2004.



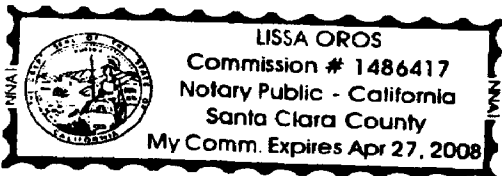

(Notary Public)

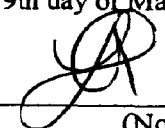
Executed this 19th day of May, 2004.
at Palo Alto, California


(Signature of Inventor)


State of California)
County of Santa Clara)

Before me personally appeared said Dennis W. Solas
And acknowledge the foregoing instrument to be his free act and deed this 19th day of May, 2004.



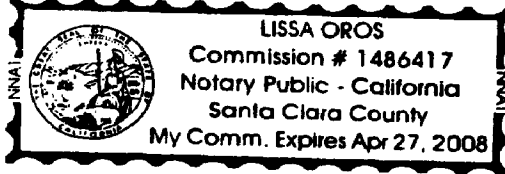

(Notary Public)


Executed this 19th day of May, 2004.
at Palo Alto, California


(Signature of Inventor)

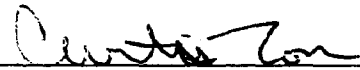
State of California)
County of Santa Clara)

Before me personally appeared said Soonho Song
And acknowledge the foregoing instrument to be his free act and deed this 19th day of May, 2004.



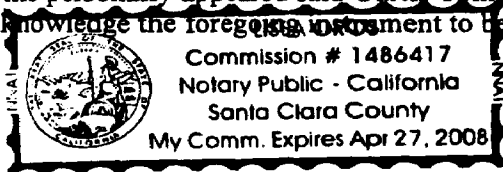

(Notary Public)

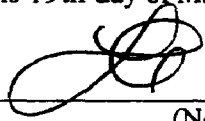
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