

Form PTO-1595

| RECORDATION FORM COVER SHEET PATENTS ONLY | | | | |
|--|--|--|--|--|
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. | | | | |
| 1. Name of Conveying party(ies): | 2. Name and address of receiving Party(ies) | | | |
| MING FAI CHAN ADAM KOIS ERIK JOEL VERNER VITUKUDI NARAYANAIYENGAR BALAJI TIMOTHY KOGAN | TEXAS BIOTECHNOLOGY CORPORATION 7000 Fannin Street, Suite 1920 Houston, Texas 77030 Additional name(s) & address(es) attached? Yes X No | | | |
| Additional name(s) of conveying party(ies) attached? Yes X No | | | | |
| 3. Nature of conveyance: | | | | |
| X Assignment Merger Security Agreement Change Other | | | | |
| Execution Date: MING FAI CHAN: 06/10/19 06/07/1996; VITUKUDI NARAYANAIYENGAR BALAJ | 96; ADAM KOIS: 06/17/1996; ERIK JOEL VERMER: | | | |
| 4. Application number(s) or patent number If this document is being filed toget date of the application is: | er(s): Ther with a new application, the execution | | | |
| A. Patent Application No.(s): 10/006,256 | B. Patent No.(s) | | | |
| Additional numbers a | ttached? Yes <u>X</u> No | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of Applications and patents involved: <u>1</u> | | | |
| Stephanie L. Seidman HELLER EHRMAN WHITE & McAULIFFE LLP 4350 La Jolla Village Drive 7th Floor San Diego, CA 92122-1246 | 7. Total fee (37 CFR 3.41) \$ 40.00 X Enclosed X Authorized to charge any underpayment to deposit account 8. Deposit account Number: 50-1213 | | | |
| | 6. Deposit account Namber. 35 1213 | | | |
| 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. | | | | |
| Stephanie L. Seidman Name of Person Signing Registration No. 33,779 Total number of pages including cover sheet, attachments, and document: 27 | | | | |
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| 5/20/2002 BBYRNE 00000204 10006256 | | | | |

ASSIGNMENT

We, MING FAI CHAN, of San Diego, State of California, U.S.A., BORE GOWDA RAJU, of Sugar Land, State of Texas, U.S.A., ADAM KOIS, of Escondido, State of California, U.S.A., ERIK JOEL VERNER, of Foster City, State of California, U.S.A., CHENGDE WU, of Houston, State of Texas, ROSARIO SILVESTRE CASTILLO, of San Diego, State of California, U.S.A., VENKATACHALAPATHI YALAMOORI, of San Diego, State of California, U.S.A., and VITUKUDI NARAYANAIYENGAR BALAJI, of Encinitas, State of California, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to TEXAS BIOTECHNOLOGY CORPORATION, a corporation organized under the laws of Delaware, of Houston, Texas, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to International Application No. PCT/US96/04759 filed April 4, 1996, and the invention disclosed therein invented by us and entitled:

THIENYL, FURYL- PYRROLYL- AND BIPHENYLSULFONAMIDES AND DERIVATIVES THEREOF THAT MODULATE THE ACTIVITY OF ENDOTHELIN

together with all Convention and treaty rights of all kinds, in all countries throughout the world, including the right to file national and regional patent applications as designated at the time of filing this International Application such

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designations being all the regional and the national designations available to be made under the PCT as of the filing date of April 4, 1996, including United States of America.

We agree to sign any documents necessary to effect such national and/or regional filings in accordance with this assignment.

Date: June 10, 1996 MING FAI CHAN

STATE OF CALIFORNIA)

188

COUNTY OF SAN DIEGO)

I hereby certify that before me, in the State of California, personally appeared MING FAI CHAN, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

Here 10, 1996 ard Deram
Notary Public



Date: , 1996 BORE GOWDA RAJU STATE OF TEXAS) SS COUNTY OF I hereby certify that before me, in the State of Texas, personally appeared BORE GOWDA RAJU, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it. WITNESS my hand and official seal. 1996 Date: Notary Public , 1996 Date: ADAM KOIS STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) I hereby certify that before me, in the State of California, personally appeared ADAM KOIS, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it. WITNESS my hand and official seal.

PCT/US96/04759

ATTORNEY DOCKET NO. 9628PC

ASSIGNMENT

Date:

_____, 1996

Notary Public

| Date:, 1996 | |
|---|---|
| ERIK JOEL | VERNER |
| STATE OF CALIFORNIA))SS | |
| COUNTY OF) | |
| I hereby certify that before me, in the California, personally appeared ERIK JOEL VER on the basis of satisfactory evidence) to be name is subscribed to this instrument, and ache executed it. | NER proved to matching the person whose |
| WITNESS my hand and official seal. | |
| Date:, 1996 | cy Public |
| Date: , 1996 CHENGDE WO | J |
| STATE OF TEXAS))SS COUNTY OF) | |
| I hereby certify that before me, in the personally appeared CHENGDE WU, proved to me satisfactory evidence) to be the person whose subscribed to this instrument, and acknowledgexecuted it. | on the basis of e name is |
| WITNESS my hand and official seal. | |
| Date:, 1996 | an Dublic |
| NOTAL MOTAL MATERIAL PROPERTY OF THE PROPERTY | ry Public |

| Date: | , 1996 | |
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| | • | ROSARIO SILVESTRE CASTILLO |
| STATE OF CALIFORNIA) | | |
| COUNTY OF SAN DIEGO) | | |
| I hereby certify that California, personally appe proved to me on the basis o person whose name is subscracknowledged that he execut | ared ROS f satisf ibed to | SARIO SILVESTRE CASTILLO, factory evidence) to be the |
| WITNESS my hand and of | ficial s | seal. |
| Date: | , 1996 | Notary Public |
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| Date: | , 1996 | VENKATACHALAPATHI YALMOORI |
| STATE OF CALIFORNIA) | | |
| COUNTY OF SAN DIEGO) | | |
| person whose name is subscracknowledged that he execut | eared VEI of satis: libed to led it. | NKATACHALAPATHI YALMOORI, factory evidence) to be the this instrument, and |
| WITNESS my hand and of | ricial : | sear. |
| Date: | _, 1996 | Water Public |
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| Date:, 1996 VITUKUDI NARAYANAIYENGAR BALAJI | |
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| STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) | |
| I hereby certify that before me, in the State of California, personally appeared VITUKUDI NARAYANAIYENGAR BALAJI, proved to me on the basis of satisfactory evidence) be the person whose name is subscribed to this instrument, a acknowledged that he executed it. | |
| WITNESS my hand and official seal. | |
| Date:, 1996 | _ |

PCT/US96/04759 ASSIGNMENT

ATTORNEY DOCKET NO. 9628PC

ASSIGNMENT

We, MING FAI CHAN, of San Diego, State of California, U.S.A., BORE GOWDA RAJU, of Sugar Land, State of Texas, U.S.A., ADAM KOIS, of Escondido, State of California, U.S.A., ERIK JOEL VERNER, of Foster City, State of California, U.S.A., CHENGDE WU, of Houston, State of Texas, ROSARIO SILVESTRE CASTILLO, of San Diego, State of California, U.S.A., VENKATACHALAPATHI YALAMOORI, of San Diego, State of California, U.S.A., and VITUKUDI NARAYANAIYENGAR BALAJI, of Encinitas, State of California, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to TEXAS BIOTECHNOLOGY CORPORATION, a corporation organized under the laws of Delaware, of Houston, Texas, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to International Application No. PCT/US96/04759 filed April 4, 1996, and the invention disclosed therein invented by us and entitled:

THIENYL, FURYL- PYRROLYL- AND BIPHENYLSULFONAMIDES AND DERIVATIVES THEREOF THAT MODULATE THE ACTIVITY OF ENDOTHELIN

together with all Convention and treaty rights of all kinds, in all countries throughout the world, including the right to file national and regional patent applications as designated at the time of filing this International Application such

designations being all the regional and the national designations available to be made under the PCT as of the filing date of April 4, 1996, including United States of America.

We agree to sign any documents necessary to effect such national and/or regional filings in accordance with this assignment.

| Date:, 1996 MING FAI CHAN |
|--|
| STATE OF CALIFORNIA))SS |
| COUNTY OF SAN DIEGO) |
| I hereby certify that before me, in the State of California, personally appeared MING FAI CHAN, proved to me the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it. |
| WITNESS my hand and official seal. |
| Date:, 1996 |

ASSIGNMENT ATTORNEY DOCKET NO. 9628PC Date: , 1996 BORE GOWDA RAJU STATE OF TEXAS)SS COUNTY OF I hereby certify that before me, in the State of Texas, personally appeared BORE GOWDA RAJU, proved to me on the basis of satisfactory evidence) to be the person whose dame is subscribed to this instrument, and acknowledged that he executed it. WITNESS my hand and official seal. Date: Notary Public June 17, 1996, 1996 STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) I hereby certify that before me, in the State of California, personally appeared ADAM KOIS, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it. WITNESS my hand and official seal. Jane 21, 1996

PCT/US96/04759

Connie Louise Coleman Comm. #1073705 OF COUNTY OF COMM Exp. Oct. 1, 1999

| Date: , | 1996 |
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| | ERIK JOEL VERNER |
| STATE OF CALIFORNIA) | |
| COUNTY OF) | |
| California, personally appear on the basis of satisfactory | efore me, in the State of red ERIK JOEL VERNER proved to me evidence) to be the person whos nstrument, and acknowledged that |
| WITNESS my hand and off | icial seal. |
| Date:, | Notary Public |
| Date:, | 1996 CHENGDE WU |
| STATE OF TEXAS)) SS | |
| COUNTY OF) | |
| I hereby certify that be personally appeared CHENGDE satisfactory evidence) to be subscribed to this instrument executed it. WITNESS my hand and off | it, and acknowledged that he |
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| Date: | 1996Notary Public |
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proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

| Date: | | , 3 | | | |
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| | • | | | Notary Public | |
| Date: | | · · · · · · | 1996 | VENKATACHALAPATHI YALAMOORI | |
| STATE OF CALIFORNIA |)) SS | | | | |
| COUNTY OF SAN DIEGO |) | | | | |

I hereby certify that before me, in the State of California, personally appeared VENKATACHALAPATHI YALAMOORI, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

| Date:, | | 1996 | | |
|--------|--|--------|--------|--|
| | | Notary | Public | |

| Date:, 1996 VITUKUDI NARAYANAIYENGAR BALAJI |
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| STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) |
| I hereby certify that before me, in the State of California, personally appeared VITUKUDI NARAYANAIYENGAR BALAJI, proved to me on the basis of satisfactory evidence) to the person whose name is subscribed to this instrument, and acknowledged that he executed it. |
| WITNESS my hand and official seal. |
| Date:, 1996 |

PCT/US96/04759

ATTORNEY DOCKET NO. 9628PC

ASSIGNMENT

ASSIGNMENT

We, MING FAI CHAN, of San Diego, State of California, U.S.A., BORE GOWDA RAJU, of Sugar Land, State of Texas, U.S.A., ADAM KOIS, of Escondido, State of California, U.S.A., ERIK JOEL VERNER, of Foster City, State of California, U.S.A., CHENGDE WU, of Houston, State of Texas, ROSARIO SILVESTRE CASTILLO, of San Diego, State of California, U.S.A., VENKATACHALAPATHI YALAMOORI, of San Diego, State of California, U.S.A., and VITUKUDI NARAYANAIYENGAR BALAJI, of Encinitas, State of California, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to TEXAS BIOTECHNOLOGY CORPORATION, a corporation organized under the laws of Delaware, of Houston, Texas, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to International Application No. PCT/US96/04759 filed April 4, 1996, and the invention disclosed therein invented by us and entitled:

THIENYL, FURYL- PYRROLYL- AND BIPHENYLSULFONAMIDES AND DERIVATIVES THEREOF THAT MODULATE THE ACTIVITY OF ENDOTHELIN

together with all Convention and treaty rights of all kinds, in all countries throughout the world, including the right to file national and regional patent applications as designated at the time of filing this International Application such

designations being all the regional and the national designations available to be made under the PCT as of the filing date of April 4, 1996, including United States of America.

We agree to sign any documents necessary to effect such national and/or regional filings in accordance with this assignment.

| Date:, 1996 | MING FAI CHAN |
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| STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) | |
| I hereby certify that before California, personally appeared Mithe basis of satisfactory evidence name is subscribed to this instruction the executed it. | ING FAI CHAN, proved to me or e) to be the person whose |
| WITNESS my hand and official | seal. |
| Date:, 1996 | Notary Public |

STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO)

Date:

I hereby certify that before me, in the State of California, personally appeared ADAM KOIS, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

ADAM KOIS

WITNESS my hand and official seal.

_____, 1996

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| Date: 6/7/96, 1996 ERIK JOEL VERNER |
| STATE OF CALIFORNIA) |
| COUNTY OF MATEO |
| I hereby certify that before me, in the State of California, personally appeared ERIK JOEL VERNER proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it. |
| WITNESS my hand and official seal. |
| Date: June 7 1996, 1996 *Acknowledgment form attached Notary Public |
| Date:, 1996 |
| STATE OF TEXAS))SS COUNTY OF) |
| COUNTY OF) |
| I hereby certify that before me, in the State of Texas, personally appeared CHENGDE WU, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it. |
| WITNESS my hand and official seal. |
| Date:, 1996 |
| Notary Public |

| Date:, | 1996 | |
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| | | ROSARIO SILVESTRE CASTILLO |
| STATE OF CALIFORNIA) | | |
| COUNTY OF SAN DIEGO) | | |
| I hereby certify that be California, personally appear proved to me on the basis of person whose name is subscribed acknowledged that he execute | ered ROS satisf bed to | SARIO SILVESTRE CASTILLO, factory evidence) to be the |
| WITNESS my hand and off | icial s | seal. |
| Date:, | 1996 | Notary Public |
| Date:, | 1996 | VENKATACHALAPATHI YALMOORI |
| STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) | | • |
| I hereby certify that he California, personally appear proved to me on the basis of person whose name is subscrible acknowledged that he execute WITNESS my hand and off | ared VEN satisf bed to ed it. | NKATACHALAPATHI YALMOORI, factory evidence) to be the this instrument, and |
| withess my nand and off | .iciai s | 3Ca1. |
| Date:, | 1996 | |
| | | Notary Public |

| Date:, 1996 |
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| STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) |
| I hereby certify that before me, in the State of California, personally appeared VITUKUDI NARAYANAIYENGAR BALAJI, proved to me on the basis of satisfactory evidence) to the person whose name is subscribed to this instrument, an acknowledged that he executed it. |
| WITNESS my hand and official seal. |
| Date:, 1996Notary Public |

ASSIGNMENT

We, MING FAI CHAN, of San Diego, State of California, U.S.A., BORE GOWDA RAJU, of Sugar Land, State of Texas, U.S.A., ADAM KOIS, of Escondido, State of California, U.S.A., ERIK JOEL VERNER, of Foster City, State of California, U.S.A., CHENGDE WU, of Houston, State of Texas, ROSARIO SILVESTRE CASTILLO, of San Diego, State of California, U.S.A., VENKATACHALAPATHI YALAMOORI, of San Diego, State of California, U.S.A., and VITUKUDI NARAYANAIYENGAR BALAJI, of Encinitas, State of California, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to TEXAS BIOTECHNOLOGY CORPORATION, a corporation organized under the laws of Delaware, of Houston, Texas, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to International Application No. PCT/US96/04759 filed April 4, 1996, and the invention disclosed therein invented by us and entitled:

THIENYL, FURYL- PYRROLYL- AND BIPHENYLSULFONAMIDES AND DERIVATIVES THEREOF THAT MODULATE THE ACTIVITY OF ENDOTHELIN

together with all Convention and treaty rights of all kinds, in all countries throughout the world, including the right to file national and regional patent applications as designated at the time of filing this International Application such

Date:

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We agree to sign any documents necessary to effect such national and/or regional filings in accordance with this assignment.

| | MING PAL CRAN |
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| STATE OF CALIFORNIA |)) SS |
| COUNTY OF SAN DIEGO | |
| California, persona the basis of satisf | fy that before me, in the State of lly appeared MING FAI CHAN, proved to me of actory evidence) to be the person whose to this instrument, and acknowledged that |
| WITNESS my han | d and official seal. |
| Date: | , 1996 Notary Public |

| Date: | , 1996 | |
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| | | BORE GOWDA RAJU |
| STATE OF TEXAS) | | |
| COUNTY OF) | | |
| I hereby certify that a personally appeared BORE GOV of satisfactory evidence) to subscribed to this instrument executed it. | WDA RAJU o be the | person whose name is |
| WITNESS my hand and of | ficial s | seal. |
| Date: | , 1996 | Notary Public |
| Date: | , 1996 | ADAM KOIS |
| STATE OF CALIFORNIA) | | |
| COUNTY OF SAN DIEGO) | • | |
| I hereby certify that a California, personally appear basis of satisfactory evider subscribed to this instrument executed it. | ared ADA nce) to | M KOIS, proved to me on the be the person whose name is |
| WITNESS my hand and off | ficial s | seal. |
| Date: | , 1996 | |
| · | | Notary Public |

| Date: | | 1996 | ED TE | TO 57 | ***** | | |
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| | | | ERIK | OOEL | VERNE | ₹. | |
| STATE OF CALIFORNIA |)) SS | | | | , | • | |
| COUNTY OF |) | | | | | | |
| I hereby certification california, personal on the basis of sationame is subscribed to he executed it. | ly appea sfactory | red ER: evider | IK JOE nce) t | L VER | UNER pr | coved erson | whose |
| WITNESS my hand | and off | icial : | seal. | | | | |
| Date: | | 1996 | *************************************** | Notar | y Pub | Lic | |
| Date: | · · · · · · · · · · · · · · · · · · · | 1996 | CHENC | DE WU | J | | |
| STATE OF TEXAS |)) SS) | | • | | · | | |
| I hereby certify personally appeared satisfactory evidence subscribed to this is executed it. | CHENGDE (e) to be | WU, pro | oved terson | o me whose | on the | e basi | |
| WITNESS my hand | and off | icial : | seal. | | | | |
| Date: | | 1996 | | Notar | y Pub | lic | |

| Date: , 1996 | SILVESTRE CASTILLO |
|--|--------------------------------------|
| STATE OF CALIFORNIA) OSS COUNTY OF SAN DIEGO) | OTHVEDTRE CASTILLO |
| I hereby certify that before me, in th California, personally appeared ROSARIO SIL proved to me on the basis of satisfactory experson whose name is subscribed to this ins acknowledged that he executed it. | VESTRE CASTILLO, vidence) to be the |
| WITNESS my hand and official seal. | |
| Date:, 1996 | ary Public |
| Date:, 1996 | HALAPATHI YALAMOORI |
| STATE OF CALIFORNIA))SS COUNTY OF SAN DIEGO) | |
| I hereby certify that before me, in th California, personally appeared VENKATACHAL proved to me on the basis of satisfactory e person whose name is subscribed to this insacknowledged that he executed it. | APATHI YALAMOORI, vidence) to be the |
| WITNESS my hand and official seal. | |
| Date:, 1996 | and Dublic |

BALAJI

STATE OF CALIFORNIA)

)SS

COUNTY OF SAN DIEGO)

I hereby certify that before me, in the State of California, personally appeared VITUKUDI NARAYANAIYENGAR BALAJI, proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

mber 31, 1996 Beverly

BEVERLY ERDMAN Comm. # 1107825 NOTARY PUBLIC - CALIFORNIA O San Diego County My Camm. Expires Aug. 7, 2000

ASSIGNMENT

I, TIMOTHY KOGAN, of Sugar Land, State of Texas, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to TEXAS BIOTECHNOLOGY CORPORATION, a corporation organized under the laws of Delaware, of Houston, Texas, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to International Application No. PCT/US96/04759 filed April 4, 1996, and the invention disclosed therein invented by me and entitled:

THIENYL, FURYL- PYRROLYL- AND BIPHENYLSULFONAMIDES AND DERIVATIVES THEREOF THAT MODULATE THE ACTIVITY OF ENDOTHELIN

and in and to all Letters Patent and all Convention and treaty rights of all kinds, in all countries throughout the world, including the right to file national and regional patent applications directly in the name of the Assignee, such national and regional patent applications as those designated at the time of filing this International Application, such designations being all the regional and the national designations available to be made under the PCT as of the filing date of April 4, 1996, including United States of America, and further including the right to claim for any such foreign applications any priority rights to which such

applications are entitled under international conventions, treaties or otherwise.

I agree to do all acts and sign any documents necessary to secure, defend and maintain this international application and all such national and/or regional patent applications in accordance with this assignment.

Date:

August 22 , 199

TIMOTH

STATE OF Texus

COUNTY OF Harris

I hereby certify that before me, in the State of Texus, personally appeared TIMOTHY KOGAN, personally known to me or (proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the instrument, and acknowledged that he/she executed it.

WITNESS my hand and official seal.

Date: 8|22|97, 1997 8|22|97

RECORDED: 05/09/2002

Notary Public

ELIZ MY COI Ma

ELIZABETH BERRY MY COMMISSION EXPIRES March 10, 2001