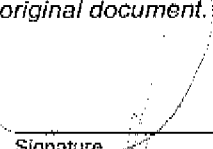


Substitute Form PTO-1595
 Attorney Docket No.: 18202-068WO1 (1119PC)

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Bijan PEDRAM Cornelis A. VAN OEVEREN Lin ZHI Shuo ZHAO Yixing SHEN Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): LIGAND PHARMACEUTICALS INCORPORATED 10275 Science Center Drive San Diego, California 92121-1117 USA Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Dates: 18 May 2006; 18 May 2006; 22 May 2006; 19 May 2006; 18 May 2006, respectively	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): PCT/US2006/023111 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: Stephanie L. Seidman, Esq. Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>	
Stephanie L. Seidman Reg. No. 33,779 Name of Person Signing	<div style="text-align: center;">  Signature </div>
<div style="text-align: right;"> Date 15 AUGUST 2006 </div>	
Total number of pages including coversheet, attachments and document: 12	

10656526.doc

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

15 AUGUST 2006
 Date of Transmission

Signature

MAY S. BOYER
 Typed Name of Person Signing Certificate

700281657

PATENT
REEL: 018125 FRAME: 0644

CH \$40.00 06-1050 US0623111

ASSIGNMENT

WHEREAS, I, **Bijan PEDRAM**, a citizen of the United States of America, residing at 765 Palmilla Drive, Apt. 5113, San Diego, California 92122, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2006/023111 filed on 12 June 2006 (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

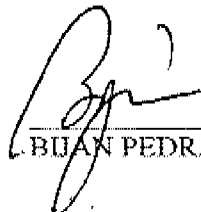
ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

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 as designated at the time of filing this International Patent Application directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

ASSIGNMENT (PEDRAM)
Continued...Page 2

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

DATE: 05/18/06



BIUAN PEDRAM

STATE OF California,
COUNTY OF San Diego) SS.

On May 18, 2006, before me, the undersigned, a notary public for the State of California, personally appeared BIUAN PEDRAM, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.



Notary Public

10628435.doc



ASSIGNMENT

WHEREAS, I, **Cornelis A. VAN OEVEREN**, a citizen of the Netherlands,
6590 EDMONTON AVE, SAN DIEGO, CA 92122 *MO*
residing at ~~3635 Promontory Place, Carlsbad, California 92008~~, U.S.A., for good and
valuable consideration, receipt of which is hereby acknowledged, have assigned and
do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a
corporation organized under the laws of the State of Delaware, United States of
America, with a principal business address of 10275 Science Center Drive, San
Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns
and legal representatives, the entire right, title and interest in and to all subject matter
invented by me and disclosed in the international patent application number
PCT/US2006/023111 filed on 12 June 2006 (applicant's attorney is
authorized to enter new international number and effective filing date assigned by the
Receiving Office after execution of this document), and entitled:

ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

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 as designated at the time of filing this International Patent Application
directly in the name of the Assignee and to claim for any such foreign applications
any priority rights to which such applications are entitled under international
conventions, treaties or otherwise.

ASSIGNMENT (VAN OEVEREN)
Continued...Page 2

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


DATE: 05/18/06


CORNELIS A. VAN OEVEREN

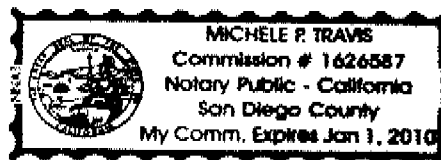
STATE OF California)
COUNTY OF San Diego) SS.

On May 18, 2006, before me, the undersigned, a notary public for the State of California, personally appeared CORNELIS A. VAN OEVEREN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.


Notary Public

10628436.doc



ASSIGNMENT

WHEREAS, I, **Lin ZHI**, a citizen of the United States of America, residing at 3988 Via Cangrejo, San Diego, California 92130, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2006/023111 filed on 12 June 2006 (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

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 as designated at the time of filing this International Patent Application directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

ASSIGNMENT (ZHI)
Continued...Page 2

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

DATE: 5/22/06
LIN ZHISTATE OF California
COUNTY OF San Diego) SS.

On May 22, 2006, before me, the undersigned, a notary public for the State of California, personally appeared LIN ZHI, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.


Notary Public

10628430.doc



ASSIGNMENT


WHEREAS, I, **Shuo ZHAO**, a citizen of the People's Republic of China, residing at 4355 Caminito Del Diamante, San Diego, California 92121, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2006/023111 filed on 12 June 2006 (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

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 as designated at the time of filing this International Patent Application directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.


ASSIGNMENT (ZHAO)
Continued...Page 2

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

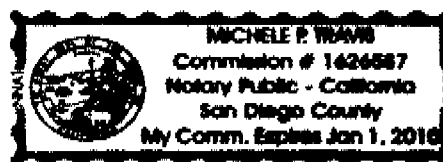
DATE: 05/19/06
SHUO ZHAOSTATE OF California)
COUNTY OF San Diego) SS.

On May 19, 2006, before me, the undersigned, a notary public for the State of California, personally appeared SHUO ZHAO, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.


Notary Public

10628439.doc



ASSIGNMENT

WHEREAS, I, **Yixing SHEN**, a citizen of the People's Republic of China, residing at 1790 Shadow Mountain Drive, Encinitas, California 92024, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2006/023111 filed on 12 June 2006 (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

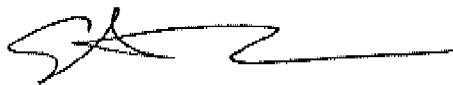
ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

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 as designated at the time of filing this International Patent Application directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

ATTORNEY DOCKET: 18202-068WO1 (1119PC)

ASSIGNMENT (SHEN)
Continued...Page 2

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

DATE: 5/18/06

YIXING SHEN

STATE OF California)
COUNTY OF San Diego) SS.

On May 18, 2006, before me, the undersigned, a notary public for the State of California, personally appeared YIXING SHEN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.


Notary Public

10628440.doc

