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LIN ZHI, CORNELIS VAN OEVEREN; JYUN-	LIGAND PHARMACEUTICALS, INC. 10275 Science Center Drive	
HUNG CHEN and ROBERT I. HIGUCHI	San Diego, CA 92121	
Additional name(s) attached? Yes No		
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Execution Date: 4/17/2002; 4/12/2002; 4/15/2002; and 4/12/2002		
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PATENT REEL: 017270 FRAME: 0167

Ø 003



Patent 015110.0096.UTL

ASSIGNMENT

For valuable consideration, we, LIN ZHI of San Diego, California and a citizen of The People's Republic of China; CORNELIS VAN OEVEREN of San Diego, California and a citizen of The Netherlands; JYUN-HUNG CHEN of San Diego, California and a citizen of Taiwan; and ROBERT I. HIGUCHI of Solana Beach, California and a citizen of the U.S.A.; (collectively hereinafter referred to as "Assignors") hereby assign to LIGAND PHARMACEUTICALS, INC., a corporation organized and existing under and by the virtue of the laws of the State of Delaware and having a place of business at 10275 Science Center Drive, San Diego, California 92121, USA, and its successors and assigns (hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent filed February 22, 2002, U.S. Serial No. 10/080,926 entitled TRICYCLIC ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS, and related applications and patents, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application and based on the filing date of any provisional application of which said application claims the benefit under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation, upon request to perform such lawful acts, to promptly provide Assignee with all pertinent facts and documents relating to said invention or application as may be known and accessible to us, to testify in any interference or litigation related to said invention or application and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

The Assignors hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

Page 1 of 5

PATENT REEL: 017270 FRAME: 0168

FISH AND RICHARDSON

🖾 004



Patent 015110.0096.UTL

USA WITNESS my hand at San Dreyo, Ca this 17 day of __ april 2002. LIN ZHI

STATE OF California_____)) ss)

On <u>Mail (7, 2002</u> before me, <u>MICHELE P. TRAVIS</u>, personally appeared LIN ZHI

 \Box personally known to me - OR - \Box proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

hilos

Notary Public in and for said County and State



Page 2 of 4

PATENT REEL: 017270 FRAME: 0169

0 <u>2/17/2</u> 006 10:53 FAX 8586785099	FISH AND RICHARDSON	· .	Ø 005
· · · · ·	•	015110.009	Patent 6.UTL
WITNESS my hand at SA	N Diego Californi.	n <u>USA</u>	
this <u>12</u> day of <u>Apr. []</u>			, 2002.
· ·	CORNELIS VAN OE	VEREN	<u></u>
STATE OF <u>California</u>) COUNTY OF <u>Son Diego</u>)) ss		
	, ~		• •
On <u>(ipril 12, 2002</u> before: CORNI	me, michele 8. Traves	_, personally appear	ed

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said County and State



Page 3 of 5

PATENT REEL: 017270 FRAME: 0170

<u>/17/2006 10:54 FAX 8586785099</u>	FISH AND RICHARDSON	4 <u>2</u> 006
		Patent 015110.0096.UTL
WITNESS my hand at Sav	Diego, California, I	<u>).s A</u>
this 15th day of	0 - 3	, 2002.
	Arm-1dung	- clum
	THIN-HUNG CHEN	
STATE OF <u>Colefoinia</u>) COUNTY OF <u>Arn Diego</u>)	SS .	
on any 15 2002 before I	ne, MICHELEP. TRAVIS	_, personally appeared
IYUN-E	TUNG CHEN	v

 \Box personally known to me - OR - \Box proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said County and State

معممو	MICHELE P. TRAVIS
	Commission # 1333262
	Notary Public - California S
	San Diege County My Comm. Expires Jan 1, 2006
	Wy Contain Company

Page 4 of 4

FISH AND RICHARDSON

Ø 007



Patent 015110.0096.UTL

WITNESS my hand at San Diego 2002. this 12 day of Age

ROBERT I. HIGUCHI

STATE OF) ss COUNTY OF

On April 12, 2002 before me, MICHELE P. TRAVIS, personally appeared ROBERT I. HIGUCHI

 \Box personally known to me - OR - \Box proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said County and State



Page 5 of 5

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