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DMB No. 0651-0027 (exp. 6/30/2008)	TAIN BIG: HIGH HIGH ING ING ING	
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	se record the attached documents or the new address(es) below.	
. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
LIGAND PHARMACEUTICALS, INCORPORATED	Name: WYETH	
	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes 🗸 No		E)
3. Nature of conveyance/Execution Date(s):	Street Address: FIVE GIRALDA FARMS	
Execution Date(s) FEBRUARY 13, 2006		
✓ Assignment Merger		
Security Agreement Change of Name	City: MADISON	
Joint Research Agreement	State: NEW JERSEY	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: USA Zip: 07940	
Other	Additional name(s) & address(es) attached? Yes Vo	
A. Patent Application No.(s) 10/969,531 10/456,892	B. Patent No.(\$)	
10/969,531 10/456,892 Additional numbers at	ttached? ☐ Yes ✔ No	
10/969,531 10/456,892		
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Additional numbers at Additional numbers at S. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A, KODROFF	tached? Yes No  6. Total number of applications and patents involved: 2	
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Additional numbers at  5. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A. KODROFF  Internal Address:  Street Address: HOWSON AND HOWSON, SUITE 210	ttached? Yes No  6. Total number of applications and patents involved: 2  7. Total fee (37 CFR 1.21(h) & 3.41) \$80.00  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	
Additional numbers at Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A. KODROFF  Internal Address:  Street Address: HOWSON AND HOWSON, SUITE 210  501 OFFICE CENTER DRIVE	ttached? Yes No  6. Total number of applications and patents involved: 2  7. Total fee (37 CFR 1.21(h) & 3.41) \$80.00  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	
Additional numbers at Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A. KODROFF  Internal Address:  Street Address: HOWSON AND HOWSON, SUITE 210 501 OFFICE CENTER DRIVE  City: FORT WASHINGTON  State: PA Zip: 19034	tached? Yes No  6. Total number of applications and patents involved: 2  7. Total fee (37 CFR 1.21(h) & 3.41) \$80.00  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	
Additional numbers at  5. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A, KODROFF  Internal Address:  Street Address: HOWSON AND HOWSON, SUITE 210  501 OFFICE CENTER DRIVE  City: FORT WASHINGTON	6. Total number of applications and patents involved: 2  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00  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 08-3040	
Additional numbers at Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A. KODROFF  Internal Address:  Street Address: HOWSON AND HOWSON, SUITE 210 501 OFFICE CENTER DRIVE  City: FORT WASHINGTON  State: PA Zip: 19034  Phone Number: 215-540-9200	6. Total number of applications and patents involved: 2  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00  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 08-3040  Authorized User Name Howson and Howson	
Additional numbers at 10/456,892  Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A, KODROFF  Internal Address:  Street Address: HOWSON AND HOWSON, SUITE 210  501 OFFICE CENTER DRIVE  City: FORT WASHINGTON  State: PA Zip: 19034  Phone Number: 215-540-9200  Fax Number: 215-540-5818  Email Address: ckodroff@howsonandhowson.com  9. Signature:	Authorized to be charged to deposit account  Browned: 2  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00  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 08-3040  Authorized User Name HOWSON AND HOWSON 83/14/2096 LNUFLLER 99999918 983948	
Additional numbers at 10/456,892  Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:  Name: CATHY A. KODROFF  Internal Address:  Street Address: HOWSON AND HOWSON, SUITE 210 501 OFFICE CENTER DRIVE  City: FORT WASHINGTON  State: PA Zip: 19034  Phone Number: 215-540-9200  Fax Number: 215-540-5818  Email Address: ckodroff@howsonandhowson.com	tached? Yes No  6. Total number of applications and patents involved: 2  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00  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 08-3040  Authorized User Name HOWSON AND HOWSON 83/14/2886 LINELLER 88888818 8A3848	1896

PAGE 1/12 \* RCVD AT 3/9/2006 1:23:34 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/5 \* DNIS:2738300 \* CSID:2155405818 \* DURATION (mm-ss):03-06

#### Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

Ligand Pharmaceuticals Incorporated, 10275 Science Center Drive. San Diego, CA 92121

hereby sells, assigns and transfers to ASSIGNEE:

Wyeth Five Giralda Farms Madison, New Jersey, 07940

and the successors, assigns and legal representatives of the ASSIGNEE its entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the inventions which are found in the United States Patent Applications, United States Patents, as are identified in the attached Schedule A, and in and to the inventions which are found in international and foreign applications and patents and any legal equivalent thereof in a foreign country, as are identified in the attached Schedule B. including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof, and any legal equivalent thereof in a foreign country.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR authorizes ASSIGNEE to make applications for and to receive Letters patent for said invention in any of said countries in its own name, or in ASSIGNOR's name, at its election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefore

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and to, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any interference, litigation or proceeding related thereto and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns or other legal representatives, and that to, at any time, upon the request and at the expense of ASSIGNEE execute any continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to Letters Patent and reissue or re-examination thereof, or any other additional applications of Letters Patent for said invention or any part thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and any legal equivalent thereof in a foreign country, and will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents and any foreign equivalent to issue any and all Letters Patent for said invention, resulting from any of the aforesaid applications to its ASSIGNEE.

Ligand harmaceuticals

}v:

Warner R. Broaddus

Vice President, General Counsel and Secretary

State of

County of

2006. Warner R. Broaddus, personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

Notary Public

Acknowledged by:	
Wyeth	
By: William H. Calnan Assistant Secretary	
State of	} SS: }
On the day of known by me to be the same pers acknowledged that he/she execut	2006, William H. Calnan, personally appeared before me, son described in and who executed the foregoing instrument, and set the same, of his/her own free will and for the purposes set forth.
. <del>-</del>	

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PAGE 4/12 \* RCVD AT 3/9/2006 1:23:34 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/5 \* DNIS:2738300 \* CSID:2155405818 \* DURATION (mm-ss):03-06

#### SCHEDULE A

Ligand Docket Number: 038-0009 Wyeth Docket Number: 98161

Howson and Howson Docket Number: AHPWA1

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6,509,334	January 21, 2003	Cyclocarbamate Derivatives as Progesterone Receptor Modulators
USA		6,566,358	May 20, 2003	
USA		6,713,478	March 30, 2004	
USA	10/767,813		January 29, 2004	

Ligand Docket Number: 038-0007 Wyeth Docket Number: 98162

Howson and Howson Docket Number: AHPWA2

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6,391,907	May 21, 2002	Indoline Derivatives
USA	,	6.608.068	August 19, 2003	
USA	10/456,892		June 6, 2003	

Ligand Docket Number: 038-0010 Wyeth Docket Number: 98347

Howson and Howson Docket Number: AHPWA4

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6.355,648	March 12, 2002	Thio-Oxindole Derivatives
USA		.6,521,657	February 18, 2003	,
USA		6.946,454	September 20, 2005	
USA		6.583,145	June 24, 2003	
USA		6.841,568	January 11, 2005	
USA	10/969,531		October 20, 2004	
USA	11/083.011		March, 17,2005	

Ligand Docket Number: 038-0008 Wyeth Docket Number: 98363

Page 1 of 3

#### SCHEDULE A

Howson and Howson Docket Number: AHPWA5

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6.436.929	August 20, 2002	Cyclothiocarbamate Derivatives as Progesterone Receptor Modulators
USA	10/140,034		May 6, 2002	

Ligand Docket Number: 038-0002 Wyeth Docket Number: 98367

Howson and Howson Docket Number: AHPWA9

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6,369,056	April 9, 2002	Cyclic Urea and Cyclic Amide
<u> </u>				Derivatives

Ligand Docket Number: 038-00012 Wyeth Docket Number: 98390

Howson and Howson Docket Number: AHPWA11

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6.407,101	June 18, 2002	Cyanopyrroles
USA		6.562,857	May 13, 2003	<del>+)</del>
USA		6.982,261	January 3, 2006	
USA	11/184313		July 19, 2005	

#### SCHEDULE A

Ligand Docket Number: 038-00019 Wyeth Docket Number: 99080

Howson and Howson Docket Number: AHPWA18

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6.462.032	October 8, 2002	Cyclic Regimens Utilizing Indoline Derivatives
USA		6,544,970	April 8, 2003	

Ligand Docket Number: 038-0005 Wyeth Docket Number: 98320

Howson and Howson Docket Number: AHPWA20

Country	Application No.	Patent No.	Filing/Issued Date	Title
USA		6,358,947	March 19, 2002	Tetracyclic Progesterone Receptor Modulator Compounds and Methods

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Docket		1		}
Ligand				
038-0009		]		
Wyeth:		)		
98161				Filing/Issued
H&H:	Country	Application No.	Patent No.	Date
<u>AHPWAI</u>				
	Argentina	P000102155		May 4, 2000
	Chile	2000-1106		May 4, 2000
	Taiwan	89108472		May 4, 2000
	Venezuela	0964-2000		May 3, 2000
	Pakistan	399/2000		May 4, 2000
	Philippines	1-2000-01140		May 4, 2000
	EP	00928689.9		May 1, 2000
	Georgia		P3221	June 14, 2004
	Bulgaria	106079		May 1, 2000
	Canada	2371726		May 1, 2000
	China		ZL00807100	April 14, 2004
	Japan	615601/00		May 1, 2000
	Mexico	2001/011286		May 1, 2000
	Brazil	PI0010213-0		May 1, 2000
	Australia		766428	January 29, 2004
	South Africa		2001/7630	July 31, 2002
	Eurasian		004512	April 29, 2004
	Patent			· · ·
	Convention			
	Czech	PV2001-3951		May 1, 2000
	Republic			
	Hungary	P0201609		May 1, 2000
	Israel	146280		May 1, 2000
	South Korea	2001-7013970		May 1, 2000
	New Zealand		515355	June 8, 2004
	Norway	20015378	7 LL	May 1, 2000
W- 16	Poland	P351127		May 1, 2000
	Singapore	200106695-0		May 1. 2000
	Singapore	200400080-8		May 1, 2000
	Victnam	1-2001-01169		May 1, 2000
	Ukraine		72917	May 16, 2005
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	Indonesia	W-0020010263	21,200,002	May 1, 2000
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	Slovak	PV1591-2001S		May 1, 2000
	Republic	1 7 1271-20010		141dy 1, 2000
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PATENT REEL: 017650 FRAME: 0519

Docket	7,000		144	
Ligand 038-0009				
038-0009 Wyeth:				
98161				Trition of Taxable
H&H: AHPWAI	Country	Application No.	Patent No.	Filing/Issued . Date
			-	
	Hong Kong	02104855.4		May 1, 2000
	Ателіа		004512	April 29, 2004
	Azerbaijan		004512	April 29, 2004
, , , , , , , , , , , , , , , , , , ,	Kyrgyzstan		004512	April 29, 2004
	Belarus		004512	· April 29, 2004
	Kazakhstan		004512	April 29, 2004
	Moldova		004512	April 29, 2004
	Russia		004512	April 29, 2004
	Tajkistan		004512	April 29, 2004
	Turkmenistan		00412	April 29, 2004

Docket No.	Country	Application No.	Patent No.	Filing/Issued Date
Ligand:	EPO	00930289.4		May 1, 2000
038-0007	Canada	2371638		May 1, 2000
Wyeth: 98162	China		ZL00807141	March 10, 2004
H&H:	Јарап	615387/00		May 1, 2000
AHPWA2	Mexico	2001/011298		May 1, 2000
	Brazil	PI0010215-6		May 1, 2000

Docket No. Ligand: 038-0010 Wyeth: 98347 H&H: AHPWA4	Country	Application No.	Patent No.	Filing/Issued Date
AD WAS	Taiwan		I235150	July 1, 2005
	Venezuela	966-2000		May 3, 2000
	Argentina	P000102157		May 4, 2000
	Chilc	2000-1104		May 4, 2000
	Pakistan	396/2000	Adia Management	May 4, 2000
	Philippines	1-2000-01144		May 4, 2000
	EP	00928603.0		May 1, 2000

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PAGE 9/12 \* RCVD AT 3/9/2006 1:23:34 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/5 \* DNIS:2738300 \* CSID:2155405818 \* DURATION (mm-ss):03-06

Docket No.				
Ligand:				
038-0010	j			
Wyeth:				
98347				
H&H:	_		_	Filing/Issued
AHPWA4	Country	Application No.	Patent No.	Date
	Georgia		P3266	June 24, 2004
	Bulgaria	106078		May 1, 2000
	Canada	2371633		May 1, 2000
	China		ZL00807133	March 31, 2004
	Japan	615386/00		May 1, 2000
	Mexico	2001/011285	- // M MA-A	May 1, 2000
	Brazil	P10010216-4		May 1, 2000
	Australia		767762	March 11, 2004
	South Africa		2001/7632	July 31, 2002
,,, <u>, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	Eurasian		005034	October 28, 2004
	Patent			
	Convention			
	Czech	PV2001-3950		May 1, 2000
	Republic			
	Hungary	P0200993		May 1, 2000
	Israel	146282		May 1, 2000
	South Korea	2001-7014076		May 1, 2000
	New Zealand		515351	May 10, 2004
	Norway	20015380		May 1, 2000
	Poland	12-351407		May 1, 2000
	Singapore		84465	June 30, 2004
	Vietnam	1-2001-01171		May 1, 2000
	Ukraine		73499	August 15, 2005
	Turkey		TR2001032	December 22, 2003
	Indonesia	W-0020010263	1991 Q	May 1, 2000
	India	2001-01296	H - \$ - \$ - \$	May 1, 2000
,	Slovak	PV1590-2001S		May I, 2000
	Republic	-		
	Hong Kong	02104853.6		May 1, 2000
	Russia	, <u> </u>	005034	October 28, 2004

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PAGE 10/12 \* RCVD AT 3/9/2006 1:23:34 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/5 \* DNIS:2738300 \* CSID:2155405818 \* DURATION (mm-ss):03-06

Docket No.	ļ			
Ligand:				
038-0008				
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98363		Application		Filing/Issued
H&H:	Country	No.	Patent No.	Date
AHPWA5		, , ,	X - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Date
	Taiwan	89108475		May 4 2000
	Venezuela	967-2000	A.P. 1	May 4, 2000 May 3, 2000
	Argentina	P000102153		May 4, 2000
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	Pakistan	395/2000	· · · · · · · · · · · · · · · · · · ·	May 4, 2000
	Philippines	1-2000-01143		May 4, 2000
	EPO	00930266.2		May 1, 2000
	Georgia	00750200.2	P3181	February 25,
			(5)01	2004
	Bulgaria	106080		May 1, 2000
	Canada	2371712		May 1, 2000
	China		ZL00807099	December 24,
				2003
	Japan	615600/00		May 1, 2000
	Mexico	2001/011287		May 1, 2000
	Brazil	P10010214-8		May 1, 2000
	Australia		766801	February 5.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			2004
	South		2001/7633	July 31, 2002
	Africa			
	Eurasian		004511	April 29, 2004
	Patent			
<del></del>	Convention			
	Czech	PV2001-3952		May 1, 2000
	Republic		,	
	Hungary	P0203332		May 1, 2000
	Israel	146298		May 1, 2000
	South Korea	2001-7014085	5.5.5.5.5.5	May 1, 2000
	New Zealand	20015201	515353	July 5, 2004
<del></del>	Norway	20015381		May 1, 2000
	Poland	P351083		May 1, 2000
	Singapore	200106649-7		May 1, 2000
	Singapore	200400081-6	77190.0149	May 1, 2000
	Vietnam	1-2001-01170	77110	May 1, 2000
	Ukraine	2001/02205	73119	June 15, 2005
	Turkey	2001/03285	<u>vo.</u>	May 1, 2000
	Indonesia	W-0020010263		May 1, 2000

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PAGE 11/12 \* RCVD AT 3/9/2006 1:23:34 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/5 \* DNIS:2738300 \* CSID:2155405818 \* DURATION (mm-ss):03-06

Docket No.				
Ligand: 038-0008 Wyeth: 98363 H&H: AMPWAS	Country	Application No.	Patent No.	Filing/Issued Date
-	India	2001-01294		May 1, 2000
	Slovak Republic	PV1592-2001S		May 1, 2000
	Hong Kong	02104862.5	· 1= -	May 1, 2000
	Amenia		004511	April 29, 2004
	Azerbaijan		004511	April 29, 2004
	Belarus		004511	April 29, 2004
	Kyrgyzstan		004511	April 29, 2004
	Kazakhstan		004511	April 29, 2004
	Moldova		004511	April 29, 2004
	Russia		004511	April 29, 2004
	Tajkistan		004511	April 29, 2004
	Turkmenistan		004511	April 29, 2004

Docket No. Ligand: 038-0012 Wyeth: 98390 H&H: AHPWA11	Country	Application No.	Patent No.	Filing/Issued Date
	Taiwan	89108476		May 4, 2000
	Venezuela	968-2000		May 3, 2000
	Argentina	P000102158		May 4, 2000
	Chile	2000-1102	, <b></b>	May 4, 2000
	Pakistan	394/2000		May 4, 2000
	EP		1173433	December 28, 2005
	Canada	2372560		May 1, 2000
	China		ZL00807139	January 7, 2004
	Japan	615611/00		May 1, 2000
	Mexico		224006	November 8, 2004
	Hong Kong	02104856.3		May 1, 2000

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PAGE 12/12 \* RCVD AT 3/9/2006 1:23:34 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/5 \* DNIS:2738300 \* CSID:2155405818 \* DURATION (mm-ss):03-06

**RECORDED: 03/09/2006**