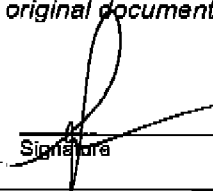


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ASSIGNMENT

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/US2008/013657 filed on 12 December 2008 (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:


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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 NO. 0119378-497 (1138PC)

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: 10/21/08
LIN ZHI

STATE OF CALIFORNIA)
) SS.
COUNTY OF San Diego)

On October 21, 2008, before me, Michele P. Travis, the undersigned, a notary public for the State of California, personally appeared LIN ZHI, who 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 of the person(s), or the entity upon behalf of which the person(s) acted, executed this instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



NOTARY SEAL


Signature of Notary Public