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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Mark Chao, PhD, JD
Internal Address: Takeda Pharmaceuticals North America, Inc.
Intellectual Property Department
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor hereby sells and assigns, to **TAKEDA CHEMICAL INDUSTRIES LTD.**, a corporation of Japan, 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan (hereinafter **ASSIGNEE**) all right, title and interest for the United States, its territories and possessions in and to the following invention and U.S. application filed thereon, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, to be held and enjoyed by said **ASSIGNEE**, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

Title of Invention : MELANIN-CONCENTRATING HORMONE ANTAGONIST

United States Patent Application :

- executed concurrently herewith
 executed on September 12, 2002
 Serial No. _____ Filed _____

Each of the undersigned acknowledges that this sale and assignment includes any and all divisions or continuations of said United States Patent application, and any and all Letters Patent of the United States which may issue on any such applications, including any and all reissues or extensions thereof.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said **ASSIGNEE**, its successors or assigns in accordance herewith;

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Each of the undersigned further covenants and agrees he will communicate to said **ASSIGNEE**, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful

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In witness hereof, executed by the undersigned on the date(s) opposite the undersigned names.

NAMES AND SIGNATURES OF INVENTORS

1.Name: Yuji ISHIIHARA	Signature: <i>Yuji Ishihara</i>	Date: September 12, 2002
2.Name: Nobuhiro SUZUKI	Signature: <i>Nobuhiro Suzuki</i>	Date: September 12, 2002
3.Name: Shiro TAKEKAWA	Signature: <i>Shiro Takekawa</i>	Date: September 12, 2002
4.Name:	Signature:	Date:
5.Name:	Signature:	Date:
6.Name:	Signature:	Date:

NAMES AND SIGNATURES OF WITNESSES*

Name/ Tomoyo KOZAWA For: 1-3	Signature: <i>Tomoyo Kozawa</i>	Date: September 12, 2002
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*Notice for Witnesses! Please indicate which inventor(s) you are signing for by writing the corresponding numbers after "For:"