

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Eiji MAJIMA</td><td>08/19/2008</td></tr><tr><td>Atsushi SHIMA</td><td>08/19/2008</td></tr><tr><td>Yuko HARA</td><td>08/19/2008</td></tr></tbody></table>	Name	Execution Date	Eiji MAJIMA	08/19/2008	Atsushi SHIMA	08/19/2008	Yuko HARA	08/19/2008	
Name	Execution Date								
Eiji MAJIMA	08/19/2008								
Atsushi SHIMA	08/19/2008								
Yuko HARA	08/19/2008								
RECEIVING PARTY DATA									
Name:	PROTENOVA CO., LTD.								
Street Address:	185, Aza-Yamaji, Takashima, Naruto-Cho,								
City:	Naruto-Shi, Tokushima								
State/Country:	JAPAN								
Postal Code:	772-0051								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12280221</td></tr></tbody></table>	Property Type	Number	Application Number:	12280221					
Property Type	Number								
Application Number:	12280221								
CORRESPONDENCE DATA									
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Total Attachments: 1 source=082113_Assignment#page1.tif									

OP \$40.00 12280221

PATENT

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REEL: 021468 FRAME: 0407

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

U.S. ASSIGNMENT

(Insert ASSIGNEE's
Name(s) Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by
PROTENOVA CO., LTD.

185, Aza-Yamaji, Takashima, Naruto-Cho, Naruto-Shi TOKUSHIMA 772-0051 JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title
and interest to the invention entitled

(Title of Invention)

IMMUNOGLOBULIN AFFINITY LIGAND

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith
unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial
number and/or filing date hereon, when known)

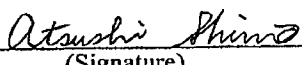
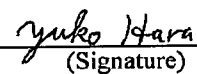
and all Letters Patent of the United States to be obtained therefore on said application or any
continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for
which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any
continuation, divisional, reissue or reexamination applications thereof and also to execute separate
assignments in connection with such applications as the ASSIGNEE may deem necessary or
expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,
litigation, or other legal proceeding which may be declared concerning this application or any
continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued
thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing
evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

 (Signature)	<u>Eiji MAJIMA</u> (Type Name)	<u>2008/8/19</u> (Date)
 (Signature)	<u>Atsushi SHIMA</u> (Type Name)	<u>2008/8/19</u> (Date)
 (Signature)	<u>Yuko HARA</u> (Type Name)	<u>2008/8/19</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED