

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Richard L. VANDLEN	05/24/1991
William E. HOLMES	05/24/1991
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Genentech, Inc.
<b>Street Address:</b>	1 DNA Way
<b>City:</b>	South San Francisco
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94080-4990
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	5856110
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Terri Shieh-Newton
<b>Total Attachments: 2</b> source=07705256#page1.tif source=07705256#page2.tif	

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**COPY**

Docket No. 712

**A S S I G N M E N T**

WHEREAS, RICHARD L. VANDLEN, a citizen of United States of America, residing at 1015 Hayne Road, Hillsborough, CA 94010 and WILLIAM E. HOLMES, a citizen of United States of America, residing at 29 Eastlake, Pacifica, CA 94044, have invented a new and useful invention in

**STRUCTURE, PRODUCTION AND USE OF HEREGULIN 2 LIGANDS**

for which an application Serial No. (Docket No. 712) for Letters Patent has been filed by them on 24 May 1991; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 460 Point San Bruno Boulevard, South San Francisco, California 94080, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

That for good and valuable consideration the receipt of which is hereby acknowledged, the said RICHARD L. VANDLEN and WILLIAM E. HOLMES have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

Said RICHARD L. VANDLEN and WILLIAM E. HOLMES covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said RICHARD L. VANDLEN and WILLIAM E. HOLMES includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said

Page 1

RICHARD L. VANDLEN and WILLIAM E. HOLMES in providing such cooperation shall be paid for by said GENENTECH, INC.

The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said RICHARD L. VANDLEN and WILLIAM E. HOLMES, their respective heirs, legal representatives and assigns.

Said RICHARD L. VANDLEN and WILLIAM E. HOLMES hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF we undersign as follows;

South San Francisco

Dated: 5/24/91

South San Francisco

Dated: 5/24/91

  
RICHARD L. VANDLEN

  
WILLIAM E. HOLMES