## Attorney Docket No. 014740-000230US

PATENT

**REEL: 13282 FRAME: 0738** 

Imm         PTO-1595         Recordation For           av. 03-01)         PATENT           MB No. 0651-0027 (exp. 5/31/2002)         PATENT	W.S. Department of Commerce           U.S. Department of Commerce           U.S. Patent and Trademark Office
	<b> </b>
To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies)
Name of conveying party(ies):	
Carlo Ferrari	Name: The Scripps Research Institute
Amalia Penna Gabriele Missale	Internal Address:
dditional name(s) of conveying parties attached?	Street Address: <u>10666 North Torrey Pines Road</u>
_	City: <u>La Jolla</u> State: <u>CA</u> ZIP: <u>92037</u>
🛛 Assignment 🗌 Merger	
Security Agreement Change of Name	Additional names and addresses attached? 🗌 Yes 🛛 No
Other:	
Execution Date: April 23, 2002	
. Application number(s) or patent number(s).	
	the execution date of the application is:
·	
A. Patent Application No(s): 08/591,502	B. Patent No(\$):
Additional numbers a	ttached? 🗌 Yes 🖾 No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved 1
concerning document should be mailed:	
Name: Jean M. Lockyer, Ph.D. TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 <sup>th</sup> Floor San Francisco, California 94111-3834 (415) 576-0200	7. Total fee (37 CFR 3.41):\$40.00
	Authorized to be charged to deposit account
	8. Deposit account number: 20-1430
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9. Statement and signature.	
To the best of my knowledge and belief, the foregoing is true document.	and correct and any attached copy is a true of copy of the origina
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Jean M. Lockyer, Ph.D	Signature Date
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Total number of pages including	cover sheet, attachments and document 3
Mail documents to be recorded v	with required cover sheet Information to: and Trademarks, Box Assignments
	and Trademand, Bent et B.

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Attorney Docket No.: 014740-000230US Client Reference No.: TSRI Case 242.4/EPM 0051P/EPI 2242.30 US

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Carlo Ferrari of Viale Duce Alessandro 18, Parma 43100, Italy; Amalia Penna of Via Corelli 1, Parma 43100, Italy; and Gabriele Missale of Via Caprera 4, Parma 43100, Italy; hereinafter referred to as "Assignors," are three of the four inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

## Title of Invention:PEPTIDES FOR INDUCING CYTOTOXIC TLYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS

Date(s) of execution of Declaration:

Filing Date: May 20, 1996

Application No.: 08/591,502; and

WHEREAS, The Scripps Research Institute, located at 10666 North Torrey Pines Road, La Jolla, CA, 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Africe 23, 2002

Dated: <u>Jul 23,2002</u> Dated: <u>Jul 23,2002</u>

A.J. F....

bound

Amalia Penna

Gabriele Missale

SF 1332588 v1

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**RECORDED: 12/05/2002**