

05-20-1999



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Substitute Form PTO-1595

Attorney Docket Number: 00786/350005

Certificate of Mailing: Date of Deposit May 13, 1999

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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RECORDATION FORM COVER SHEET

PATENTS ONLY

Commissioner of Patents & Trademarks: Please record the attached document.

<p>1. Names of all conveying parties:</p> <p>Jack W. Szostak Richard W. Roberts Rihe Liu</p> <p>Additional names attached: NO</p>	<p>2. Names and addresses of all receiving parties:</p> <p>The General Hospital Corporation 55 Fruit Street Boston, MA 02114</p> <p>Additional names/addresses attached: NO</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date: 3/19/99, 5/11/99, 3/29/99</p>	
<p>4. Application numbers or patent numbers:</p> <p>A. Patent Application Numbers: 09/247,190</p>	<p>B. Patent Numbers:</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Karen L. Elbing, Ph.D., Reg. No. 35,238 Clark & Elbing LLP 176 Federal Street Boston, MA 02110</p>	<p>6. Total number of applications/patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Fee enclosed <input type="checkbox"/> Authorized to charge deposit account</p> <p>8. Deposit account number: 03-2095. If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to Deposit Account No. 03-2095.</p>

05/19/1999 JSHABAZZ 00000243 09247190

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Karen L. Elbing
Name of person signing

Signature

Date

13 May 1999

PATENT
REEL: 009963 FRAME: 0608

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Jack W. Szostak	Boston	Massachusetts
Richard W. Roberts	South Pasadena	California
Rihe Liu	Cambridge	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The General Hospital Corporation	Massachusetts	55 Fruit Street Boston, MA 02114

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
SELECTION OF PROTEINS USING RNA-PROTEIN FUSIONS	February 9, 1999	09/247,190

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Boston,
this 17th day of March, 1999

JACK W. SZOSTAK L.S.

STATE OF MA:

COUNTY OF Suffolk:

Before me this 19 day of March, 1999, personally appeared
JACK W. SZOSTAK known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the
purposes therein contained.

Marshall Conner
Notary Public

My Commission Expires: 11-13-03

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 19____

RICHARD W. ROBERTS L.S.

STATE OF _____:

COUNTY OF _____:

Before me this _____ day of _____, 19____, personally appeared
RICHARD W. ROBERTS known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the
purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 19__

L.S.

JACK W. SZOSTAK

STATE OF _____:

:ss.

COUNTY OF _____:

Before me this _____ day of _____, 19__, personally appeared
JACK W. SZOSTAK known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the
purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Pasadena, CA,

this 11th day of May, 19 99

Richard W. Roberts L.S.
RICHARD W. ROBERTS

STATE OF _____:

:ss.

COUNTY OF _____:

Before me this _____ day of _____, 19__, personally appeared
RICHARD W. ROBERTS known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the
purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Los Angeles

SS.

On 11 May 1999, before me,

Julie C. Hiroto, notary public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Richard W. Roberts

Name(s) of Signer(s)

☐ personally known to me

☒ 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 the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.



WITNESS my hand and official seal.

Julie C. Hiroto

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Assignment

Document Date:

11 May 1999

Number of Pages:

Three

Signer(s) Other Than Named Above:

Jack Szostak & Rike Liu

Capacity(ies) Claimed by Signer

Signer's Name:

☐ Individual

☐ Corporate Officer — Title(s):

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other:

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

PATENT

REEL: 009963 FRAME: 0612

IN WITNESS WHEREOF, I hereto set my hand and seal at Boston, MA,
this 29 day of March, 1999

RIHE LIU L.S.

STATE OF Massachusetts:

COUNTY OF Suffolk: :ss.

Before me this 29 day of March, 1999, personally appeared
RIHE LIU known to me to be the person whose name is subscribed to the foregoing Assignment, and
acknowledged that he/she executed the same as his/her free act and deed for the purposes therein
contained.

Martha L. Conant
Notary Public

My Commission Expires: 11-13-03

[Notary's Seal Here]