11/0/107

# Attorney Docket No. 20363-015 NATL

Name of conveying party(les) (date executed):   Name of conveying party(les) (date executed):   Name of conveying party(les) (date executed):   Lee M. Nadher (Executed \$5/1302)	0RM PTO-1595	11-15-2002	
Name of coaveying party(ies) (date executed):  Lee M. Natiler (Executed \$7(3)(2)) William C. Hahn (Executed \$7(3)(2))  Additional name(s) of conveying party(ies) attached?	Rev. 6-93) MB No. 0651-0011 (exp. 4/94)		U.S. DEPARTMENT OF COMMER Patent and Trademark Of
Lee M. Nadler (Esecuted \$713/02) William C. Haln (Esecuted \$724/02) Joachim L. Scholtze (Esecuted \$173/02) William C. Haln (Esecuted \$724/02) Joachim L. Scholtze (Esecuted \$173/02) Additional name(s) of conveying party(ies) attached?	Please 1	102281402	y thereof.
Additional name(s) of conveyance:	Lee M. Nadler (Executed 5/13/02) William C. Hahn (Executed 5/24/02) Joachim L. Schultze (Executed 11/1/02)	Name	Dana Farber Cancer Institute, Inc.
A. Patent Application No(s):  O9/830,400 filed April 25, 2001  Additional numbers attached?	Nature of conveyance:  Assignment Merge Security Agreement Change	er ge of Name Additi	44 Binney Street Boston, MA 02115
Name and address of party to whom correspondence Concerning document should be mailed:  Name: Ivor R. Elrifi Address: MINTZ, LEVIN, COHN, FERRIS GI_OVSKY and POPEO, P.C. One Financial Center Boston, MA 02111  DO NOT USE THIS SPACE    Statement and signature To the best of my knowledge and belief, the foregoing information is true and corregt and any attached copy is a true copy of the original document.    Cynthia A. Kozakiewicz, Reg. No. 42,764   November 8, 2002	If this document is being filed together with a new a  A. Patent Application No(s):		· · · · · · · · · · · · · · · · · · ·
Name and address of party to whom correspondence Concerning document should be mailed:  Name: Ivor R. Elrifi Address: MINTZ, LEVIN, COHN, FERRIS GLOVSKY and POPEO, P.C. One Financial Center Boston, MA 02111  DO NOT USE THIS SPACE    Concerning document should be mailed:   Concerning d		Additional numbers attached?	00000000000000000000000000000000000000
Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Cynthia A. Kozakiewicz, Reg. No. 42,764  November 8, 2002	Name: Ivor R. Elrifi Address: MINTZ, LEVIN, COHN, FERRI GLOVSKY and POPEO, P.C. One Financial Center	7. Total	fee (37 CFR 3.41) \$40.00  Enclosed  The Commissioner is authorized to charge Deposit Account
To the best of my knowledge and belief, the foregoing information is true and corregt and any attached copy is a true copy of the original document.  Cynthia A. Kozakiewicz, Reg. No. 42,764  November 8, 2002		DO NOT USE THIS SPAC	E
Name of Person Signing Signature Date	To the best of my knowledge and belief, the foregoi	ing information is true and correct and a	
	Name of Person Signing	Signature	Date

Mail documents to be recorded with required cover sheet information to:

15/2002 TDIAZ1 00000002 09830400

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BOX ASSIGNMENT Commissioner of Patents and Trademarks Washington, D.C. 20231

Date of Deposit: November 8, 2002

Attorney Docket No. 20363-015NATL

# ASSIGNMENT

We, Lee M. Nadler, William C. Hahn, Joachim L. Schultze and Robert H. Vonderheide, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Dana Farber Cancer Institute, Inc.**, a non-profit organization, with offices at **44 Binney Street, Boston, MA 02115**, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

CANCER IMMUNOTHERAPY AND DIAGNOSIS USING UNIVERSAL TUMOR ASSOCIATED ANTIGENS, SUCH AS THE TELOMERASE CATALYTIC SUBUNIT (HTERT), AND METHODS FOR IDENTIFYING UNIVERSAL TUMOR ASSOCIATED ANTIGENS

filed with the U.S. Patent and Trademark Office on April 25, 2001 and assigned Serial No. 09/830,400 including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date:	
	Signature of: Lee M. Nadler
State ofCounty of	
Subscribed and sworn to before me this	_ day of
	Notary Public My commission expires
Date:	Signature of: William C. Hahn
State of	
Subscribed and sworn to before me this	_day of
	Notary Public My commission expires

- Llut
Signature of: Joachim L. Schultze
Notary Public MICHAEL F MURPHY My commission expires MY COMMISSION EXPIRES SEPT. 13, 2007
Signature of: Robert H. Vonderheide
day of
Notary Public My commission expires

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State of	
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Subscribed and sworn to before me this	day of
	Notary Public
	My commission expires
Date:	
	Signature of: William C. Hahn
State of	
Subscribed and sworn to before me this	day of
	Notary Public
	My commission expires

Date:	Signature of: Joachim L. Schultze
State of	
Subscribed and sworn to before me this	day of
	Notary Public My commission expires
Date: 8/23/07	Signature of: Robert H. Vonderheide
State of Tennsylvania County of Philadel dua	
Subscribed and sworn to before me this 25	3rd day of August 2002
	Notary Public My commission expires
	NOTARIAL SEAL

MARY LESLIE MELLET, Notary Public City of Philadelphia, Phila County My Control Philadelphia, June 28, 2003

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Date: 13. Ang 2003	Lu M. Mul
<i>'</i> <b>/</b> /	Signature of: Lee M. Nadler
State of Janachusetts County of Suffeth	
Subscribed and sworn to before me this / 3	day of June.
	Noton Dukin
	Notary Public  My commission expires 6 May 2005
Date: 5/24/02	Cilteth
	Signature of: William C. Hahn
State of Massachusetts County of Suffolk	
Subscribed and sworn to before me this 24	day of $\frac{NA}{\sqrt{2co2}}$ .
	milital F. humplus
	Notary Public MICHAEL F MURPHY
	My commission expires MY COMMISSION EXPIRES SEPT. 13, 2007

Date:	
<del></del>	Signature of: Joachim L. Schultze
State of	
County of	
Subscribed and sworn to before me this	day of
	Notary Public
	My commission expires
Date:	
	Signature of: Robert H. Vonderheide
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Date: 5/24/02	alter (
1	Signature of: William C. Hahn
State of Mossachualts County of Sulfolk	
01 11 1 1 1 21/	
County of Suffolia Subscribed and sworn to before me this 24	day of NVAY 2002.
	Notary Public MICHAEL F MURPHY
	My commission expires MY COMMISSION EXPIRES

Date:	
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State of	
County of	
Subscribed and sworn to before me this	day of
	Notary Public
	My commission expires
Date:	
Date.	Signature of: Robert H. Vonderheide
State of	
County of	
Subscribed and sworn to before me this	day of
	Notary Public
	My commission expires

**RECORDED: 11/08/2002**