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, ,	10 -0	Attorney Docket No. 15280-429 US
Form PN9-1595 (Rev. 03-01)	10-20-2003	
OMB No. 0651-0027 (exp. 5/31/2002)		U.S. Patent and Tratemany Office U.S. Patent and Tratemany Office U.S. Patent and Tratemany Office
Tab settings ⟩ ⟩ ▼ To the Honorable Commiss	(
Name of conveying party(ies):	102578472 5:21:03	he attached original documents or copy thereof 2. Name and address of receiving party(ies)
David J. FitzGerald	טיןאכ	Name: The Government of the United States of America
Additional name(s) of conveying parties att	ached? 🔲 Yes 🛛 No.	as represented by the Secretary of the Department of Health and Human Services
3. Nature of conveyance:		
Assignment		Internal Address: National Institutes of Health - OTT
☐ Security Agreement	☐ Change of Name	Street Address: 6011 Executive Boulevard, Suite 325
Other:		City: Rockville State: Maryland ZIP: 20852
Execution Dates: May 12, 2003		Name:
		Street Address:
		City: State: ZIP:
		Additional names and addresses attached? ☐ Yes ☒ No
4. Application number(s) or patent nu	mber(s). //)(/3	2012
If this document is being filed toget	ther with a new application, th	e execution date of the application is: N/A
A. Patent Application No(s): he	rewith PCT/US01/49143	B. Patent No(s):
, , , , , , , , , , , , , , , , , , ,		
	Additional numbers attac	l hed? ☐ Yes ⊠ No
5. Name and address of party to wh		Total number of applications and patents involved ONE
concerning document should be r	nailed:	
Name: Kenneth A. Weber TOWNSEND AND TOWNSEND AND CREW LLP		7. Total fee (37 CFR 3.41):\$ 40.00
Two Embarcadero Center, 8 ^t	^h Floor	☐ Enclosed
San Francisco, California 94 (415) 576-0200	111-3834	
/	N.	
	30(10	8. Deposit account number: 20-1430
	32412	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.	/ DO NOT USE	THIS SPACE
-	belief, the foregoing is true ar	nd correct and any attached copy is a true of copy of the original

Total number of pages including cover sheet, attachments and document Mail documents to be recorded with required cover to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

Signature

SF 1462198 v1

Kenneth A. Weber Name of Person Signing

Atty. Reg. No. 31,677

FOUR

May 21, 2003 Date

ASSIGNMENT

WHEREAS, I, **David J. FitzGerald** of 1202 Azalea Drive, Rockville, Maryland, 20850, a citizen of the United States; being an employee of the Department of Health and Human Services at the time the invention was made, has invented: A CHIMERIC PROTEIN COMPRISING NON-TOXIC PSEUDOMONAS EXOTOXIN A and TYPE IV PILIN SEQUENCES, for which an application to the Assistant Commissioner for Patents for grant of Letters Patents of the United States of America has been executed by the undersigned

\boxtimes on (date(s) Γ	Declaration signed):
is identified Serial N	as U.S. Patent Application o.
Filed	; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign, and transfer unto The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file the invention described in the aforesaid application for Letters Patent of the United States of America, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

AND, we hereby authorize and request the Assistant Commissioner for Patents to issue said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest in and to

> PATENT REEL: 014591 FRAME: 0430

the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent and Registrations may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters Patent which will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furnish and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and we shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

The undersigned hereby grants THE GOVERNMENT or the law firm of Townsend and Townsend and Crew LLP, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated. David J. FitzGerald May 12th 2003 (date) COUNTY OF HONTGOMERY UNITED STATES OF AMERICA On May 12, 2003, before me, Ann Schombert, Natary (here insert name and title of the officer), personally appeared Droid Fitz Gerald, personally known to me (or 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, execute the instrument. WITNESS my hand and official seal. Signature an Schombert Netary

My Commencion experes 10/01/2005 (Seal)

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RECORDED: 05/21/2003