Docket No.: NA-1169

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FORM PTO-1595 (Modified) RECOI (Re. 03-01)	06 - 14 - 2002 U.S. DEPARTMENT OF COMMERCE
(No. 03-01) OME No. 0651-0027 (exp.) F5 F4 IGE OF F1 IGE OF OF POB/REV03 Tab settings → → → → → → → → → → → → → → → → → → →	Patent and Trademark Office
To the Honorable Commissioner of Patents and 1	102122672 original documents or copy thereof.
1. Name of conveying party(ies): Heidi L. Schreuder-Gibson Michael S. Sennett Charlene Mello	Name and address of receiving party(ies): Name: USA as represented by the Secretary of the Army Internal Address:
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
☑ Assignment ☐ Merger	Street Address:
☐ Security Agreement ☐ Change of Name	
☐ Other	City: Washington State: DC ZIP: 20310
Execution Date: 8/7/00	— Additional name(s) & address(es) attached? ☐ Yes ☒ No
Additional numbers a	attached? ☐ Yes ⊠ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Vincent J. Ranucci, Patent Attorney	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: U.S. Army Soldier Biological & Chemical Command	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	Authorized to be charged to deposit account
Street Address: Kansas Street	8. Deposit account number:
06/14/2002 TDIAZ1 00000022 192201 09571841	19-2201
01 FC:581	(Attach duplicate copy of this page if paying by deposit account)
	NOT USE THIS SPACE
of the original degument	ormation is true and correct and any attached copy is a true copy
	Signature 28 May 2002
Name of Person Signing Total number of pages including cover	er sheet, attachments, and document:
1 Star Humber of Pages morating cover	,

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. NA-1169

This is an A	ssignment of the following rights, title o	and interest: (check all that apply):	
×	United States of America rights, title and interest in the invention		
×	Foreign rights, title and interest in the invention		
X	United States Patent Application Serial No. 09/571,841		
	Date of Execution: 8-7-0	Date of Filing: 05/16/00	
	United States Provisional Patent Application Serial No.		
	United States Patent No(s).		
	International (PCT) Patent Application		
	Other (specify)		
Title of the l			
	n Fibers and An Apparatus Therefor		$\overline{}$
	••		
nventors (a	ssignors)		
	Name	Address	:
Heidi L. Sc	hreuder-Gibson	1196 Highland Street, Holliston, MA 01746	
Michael S.	Sennett	41 Stonebrook Road, Sudbury, MA 01776	
Charlene Mello		99 Bradford Lane, Rochester, MA 02770	
		18-30-100	
Assignee			
	Name	Address	
USA as represented by the Secretary of the Army		Washington, DC 20310	
!			

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PATENT AS03A/REV01

REEL: 012976 FRAME: 0296

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. NA-1169

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Heidi L. Schreuder-Gibson	A Deidy & Shrewly Shin 5117102
Michael S. Sennett	Mytank Queit 5/17/02
Charlene Mello	(On Mullor 5/21/02

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PATENT

REEL: 012976 FRAME: 0297

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. NA-1169

(Although notarization is not necessary, it will be considered pr	Notarization ima facie evidence of execution pursuant to 35 U.S.C. 261.)
Executed this 17th day of Milli	, in the year 2002
Executed this / 7 day of MW at U.S. Army Soldier Biological & Chemical Command, Nati	y y
	111100 0 44
	Herch I housely Ilson (Signature of Inventor)
State of Massachusetts	(Digitalian of Inventor)
County of Middlesex	
Before me personally appeared Heidi L. Schreuder-Gibso	n
who acknowledged the foregoing instrument to be a fre	ee act and deed and also represented that he or she is authorized to
execute the same this the day of May	, in the year 2002.
,	1Eassa can an a
	Commonway
	(Notary Public) Sections
Executed this 17th day of May	, in the year 2002
at U.S. Army Soldier Biological & Chemical Command, Nati	ck, MA 04760.
,	Mich Semiss
/	(Signature of Inventor)
State of Massachusetts	
	Notary Pub 3
County of Middlesex	Commonwealth of Mass and All Commonwealth of
Before me personally appeared Michael S. Sennett	September
who acknowledged the foregoing instrument to be a fre	ee act and deed and also represented that he or she is authorized to
execute the same this 12th day of May	, in the year 2002.
·	
	X.C.
	(Notary Public)
Executed this 315th day of Mon	, in the year 2002
at U.S. Army Soldier Biological & Chemical Command, Nati	ck, MA 01/60.
	(M mlh
	(Signature of Inventor)
State of Massachusetts	
County of Middlesex	

RECORDED: 06/05/2002

Before me personally appeared Charlene Mello who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to , in the year execute the same this ZIST day of My am 2002.

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PATENT REEL: 012976 FRAME: 0298