Docket No.: 130070div 08-08-2003 FORM PTO-159% (Modified) EET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings To the Honorable Director of the United States Patent 102518845 cord the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Jon SHAFFER, Ph.D. **Jack FERNANDES** Name: Aqua-Novus, Corp. John LUCIDO Address: 35 Pinelawn Road, Suite 208E Additional names(s) of conveying party(ies) ☐ Yes ☒ No 3. Nature of conveyance: Assignment □ Merger City: Melville ☐ Security Agreement Change of Name State/Prov.: NY Country: US ☐ Other ZIP: 11747 1/18/02 **Execution Date:** Additional name(s) & address(es) ☐ Yes ⊠ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 10/629139 07/31/2003 BSAYASI1 00000025 10629139 40.00 OP 02 FC:8021 ☐ Yes ☒ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Charles T. J. Weigell 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 43,398 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: BRYAN CAVE LLP Authorized to be charged to deposit account 1290 Avenue of the Americas 8. Deposit account number: City: New York State/Prov.: NY 02-4467 Country: US ZIP: 10104 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature.

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

∕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.

Charles T.J. Weigell, Reg. No. 43,398 Name of Person Signing

7/28/03

Date

FORM PTO-1595 (i.fodified) (Rev. 03-01)

John LUCIDO

Assignment

3. Nature of conveyance:

☐ Security Agreement

Additional names(s) of conveying party(ies)

10-30-2002

:ket No.: c37584/130070

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 102266431 V V Tab settings → → To the Honorable Commissioner of Patent Name of conveying party(ies): Jon SHAFFER **Jack FERNANDES**

5-2-02

Merger

Yes 🛛 No

Change of Name

2. Name and address of receiving	party(les):
Name: Aqua-Novus, Corp.	FINE C
Address: 35 Pinelawn Road	10 T 72
	N 12 2
	3 3
	92 93
City: Melville	State/Prov.: NY
Country: <u>US</u>	ZIP: 11747

Other		Country: <u>US</u>	ZIP: 11747	
Execution Date: 1/18/02	-	Additional name(s) & address(es)	□ Yes	⊠ No
4. Application number(s) or pa If this document is being file	• •	, the execution date of the application is	. ·	
Patent Application No.	Filing date	B. Patent No.(s)	\ <u></u>	
10/043,056	January 8, 2002			
	Additional numbers	Yes 🔯 No		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:		
Name: Warren K. MacRae		7. Total fee (37 CFR 3.41):	.\$ 40.00	
Registration No. 37,876 Address: BRYAN CAVE LLP		Enclosed - Any excess or insufficiency should be credited or debited to deposit account		

01 DiggiNew York 40.00 \$ Rate/Prov.: NY ZIP: 10167 Country: US

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Authorized to be charged to deposit account 8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

02-4467

9. Statement and signature.

245 Park Avenue

05/10/2002 DBYRNE

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.

Warren K. MacRae

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

PATENT

Date

Please forward a corrected Notice of Recordation to the undersigned.

Respectfully submitted,

Warren K. MacRae

Reg. No. 37,876

BRYAN CAVE LLP

245 Park Avenue

New York, NY 10167-0034

Mar Ral

(212) 692-1800

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, Assignment Division, Box Assignments, CG-4, 1213 Jefferson Davis Highway, Suite 320, Washington, D.C. 20231, on September 27, 2002

(Date of Deposit)

Warren K. MacRae

Name of applicant, assignee, or

Registered Representative

Signature 10/21/02

Date of Signature

PATENT

REEL: 014348 FRAME: 0901

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned by the Assignees, Aqua-Novus, Corp., a corporation organized under the laws of the State of Delaware, having an office at 35 Pinelawn Road, Melville, NY 11747 the receipt whereof is hereby acknowledged, the undersigned by these presents hereby sells, assigns, transfers, and sets over unto the said Assignees the entire worldwide right, title, and interest in and to the invention or improvement in APPARATUS AND METHOD FOR BIOLOGICAL TREATMENT OF ENVIRONMENTAL CONTAMINANTS AND WASTE, and in and to all Letters Patent thereon and all applications therefore, said invention being fully described and/or claimed in the application for Letters Patent of the United States of America, executed concurrently herewith, in and for the United States and all foreign countries, including all treaty and convention rights and the right to sue for present, past, and future infringement, the same to be held and enjoyed by said Assignees, its successors, assigns, or other legal representatives, to the full ends of the terms for which all Letters Patents therefore may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And said Assignees are hereby authorized to make application for and to receive Letters Patent for said invention in any of said countries at its election.

And by this covenant the undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said Assignees, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefore in said Assignees, its successors, assigns or other legal representatives, and, upon the request and at the expense of said Assignees, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefore, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of said Assignees, its successors, assigns, or other legal representatives.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue any and all Letters Patent of the United States for said invention to said Assignees.

INVENTOR NO. 1

Dated: ///४/62

e: Jon Shaffer, PhD.

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INVENTOR NO.2

Dated: 1/18/02

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INVENTOR NO.3

Dated: 1/18/02

Name: John Lucido

46 Merritts Path

Rocky Point, NY 11748-USA

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned by the Assignees, Aqua-Novus, Corp., a corporation organized under the laws of the State of Delaware, having an office at 35 Pinelawn Road, Melville, NY 11747 the receipt whereof is hereby acknowledged, the undersigned by these presents hereby sells, assigns, transfers, and sets over unto the said Assignees the entire worldwide right, title, and interest in and to the invention or improvement in APPARATUS AND METHOD FOR BIOLOGICAL TREATMENT OF ENVIRONMENTAL CONTAMINANTS AND WASTE, and in and to all Letters Patent thereon and all applications therefore, said invention being fully described and/or claimed in the application for Letters Patent of the United States of America, executed concurrently herewith, in and for the United States and all foreign countries, including all treaty and convention rights and the right to sue for present, past, and future infringement, the same to be held and enjoyed by said Assignees, its successors, assigns, or other legal representatives, to the full ends of the terms for which all Letters Patents therefore may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

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INVENTOR NO. 1

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RECORDED: 07/28/2003

PATENT REEL: 014348 FRAME: 0905