

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AOP SYSTEMS, LLC	09/16/2008
RECEIVING PARTY DATA	
Name:	FLUID LINES
Street Address:	P.O. BOX 158
City:	BODEGA BAY
State/Country:	CALIFORNIA
Postal Code:	94923
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	11146577
PCT Number:	US0770416
CORRESPONDENCE DATA	
Fax Number:	(707)578-3133
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7075789333
Email:	craig@northbay-iplaw.com
Correspondent Name:	STAINBROOK & STAINBROOK, LLP
Address Line 1:	412 AVIATION BLVD., SUITE H
Address Line 4:	SANTA ROSA, CALIFORNIA 95403
ATTORNEY DOCKET NUMBER:	00273.P5US; P6PCT #4
NAME OF SUBMITTER:	Craig M. Stainbrook

OP \$80.00 11146577

Total Attachments: 7  
 source=00273.P5US\_P6PCT\_AOP to Fluid Lines#page1.tif  
 source=00273.P5US\_P6PCT\_AOP to Fluid Lines#page2.tif  
 source=00273.P5US\_P6PCT\_AOP to Fluid Lines#page3.tif

source=00273.P5US\_P6PCT\_AOP to Fluid Lines#page4.tif  
source=00273.P5US\_P6PCT\_AOP to Fluid Lines#page5.tif  
source=00273.P5US\_P6PCT\_AOP to Fluid Lines#page6.tif  
source=00273.P5US\_P6PCT\_AOP to Fluid Lines#page7.tif

## CORPORATE TO CORPORATE ASSIGNMENT

---

WHEREAS, the undersigned company:

AOP SYSTEMS, LLC

a limited liability company organized under the laws of the State of California, United States of America, with a principal place of business located at 6800 Palm Avenue, Suite K, Sebastopol, California 94572, is the sole and exclusive assignee and owner of all right title and interest in certain new and useful improvements invented by Lee William Frederick, Gary Michael Carmignani and Steve Donald Sitkeiwitz (Inventors) and entitled:

Title: *Apparatus and Method for Photocatalytic Purification and Disinfection of Fluids*  
U.S. Utility Application Serial No. 11/146,577  
Filing Date: June 6, 2005

Title: *Ultraviolet Light Activated Oxidation Process for the Reduction of Organic Carbon in Semiconductor Process Water*  
International Application No. PCT/US07/70416  
International Filing Date: June 5, 2007  
International Priority Date: June 6, 2006

and is prosecuting applications for a United States Letters Patent and an international patent application filed under the Patent Cooperation Treaty, disclosing and claiming said inventions; and

WHEREAS, FLUID LINES, a California C corporation (hereinafter termed "Assignee"), organized under the laws of the State of California, and having a place of business at P.O. Box 158, Bodega Bay, California 94923, wishes to acquire the entire right, title and interest in and to said applications and the inventions disclosed and claimed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said inventions"), and in and to any all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by said Assignor to have been received in full from as Assignee:

*Assignor: AOP Systems, LLC*  
*Assignee: Fluid Lines*  
*Attorney Docket No. 00273.P5US and 00273.P6PCT*

Page 1 of 4

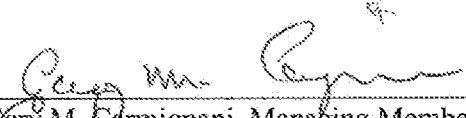
**PATENT**  
**REEL: 021684 FRAME: 0316**

1. Said Assignor does hereby sell, assign, transfer and convey to said assignee, the entire right, title and interest (a) in and to said applications and said inventions; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said inventions, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said inventions in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.
2. Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Assignor shall include prompt execution of oaths and/or declarations of inventorship.
3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

IN WITNESS WHEREOF, the said Assignor has executed this instrument on the date of acknowledgment before the Notary Public as given below and delivered this instrument to said Assignee.

AOP Systems, LLC, Assignor

Dated: 9/9/08

By:   
Gary M. Carmignani, Managing Member

Dated: 9/8/08

By:   
Lee W. Frederick, Managing Member

Assignor: AOP Systems, LLC  
Assignee: Fluid Lines  
Attorney Docket No. 00273.P5US and 00273.P6PCT

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_  
(name and title of officer)

personally appeared **Gary M. Carmignani**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the personal whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal. Signature \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_  
(name and title of officer)

personally appeared **Lee W. Frederick**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the personal whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

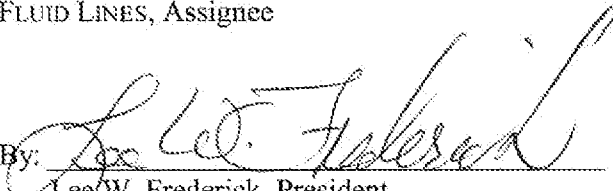
WITNESS my hand and official seal. Signature \_\_\_\_\_

ACCEPTANCE OF ASSIGNMENT

The below-named Assignee hereby accepts this assignment of patent rights.

Date: Sept 16, 2008

FLUID LINES, Assignee

By:   
Lee W. Frederick, President

NOTARIZATION OF ACCEPTANCE TO

Assignor: AOP Systems, LLC  
Assignee: Fluid Lines  
Attorney Docket No. 00273.P5US and 00273.P6PCT

**CORPORATE-TO-CORPORATE ASSIGNMENT OF PATENT RIGHTS**

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_  
(name and title of officer)

personally appeared **Lee W. Frederick**, personally known to me; or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

*Assignor: AOP Systems, LLC  
Assignee: Fluid Lines  
Attorney Docket No. 00273.P5US and 00273.P6PCT*

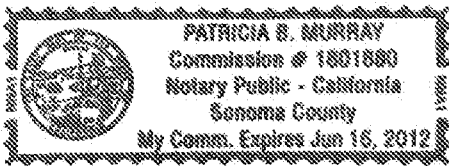
**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Sonoma

On September 8, 2008 before me, Patricia B. Murray, Notary Public

personally appeared Shee W. Frederick



who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Patricia B. Murray  
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: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

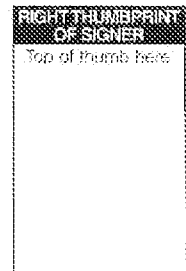
- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

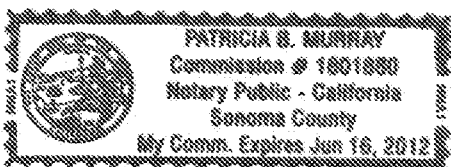
**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Sonoma

On September 9, 2008 before me, Patricia B. Murray, Notary Public

personally appeared Gary M. Carmignani



who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Patricia B. Murray  
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: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

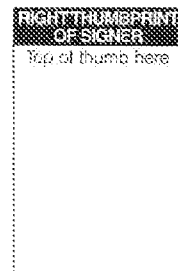
- Individual
- Corporate Officer --- Title(s): \_\_\_\_\_
- Partner ---  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer --- Title(s): \_\_\_\_\_
- Partner ---  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

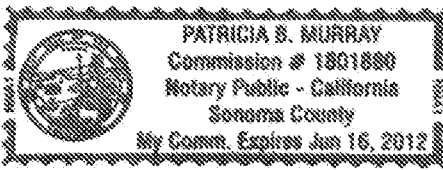
State of California

County of Sonoma

On September 16, 2008 before me, Patricia B. Murray, Notary Public

personally appeared Lee W. Frederick

who 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.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Patricia B. Murray

**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: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

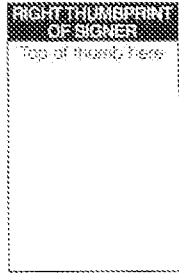
- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_