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	Month	Day	Year
Stephan Levine	07	20	2004
Johannes Seiwert	07	20	2004
Joachim Lohr	07	22	2004
Ulrich Brammer	07	20	2004
Jens Fittkau	07	20	2004

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Correspondent Name and Address

Area Code and Telephone Number (617) 526-9600

Name Patent Administrator

Address (line 1) Proskauer Rose LLP

Address (line 2) One International Place

Address (line 3) 14th Floor

Address (line 4) Boston, MA 02110-2600

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Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Table with 2 main columns: Patent Application Number(s) and Patent Number(s). Includes input fields for numbers like 10/799,331.

Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned. PCT [] PCT [] PCT []

Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed [] Deposit Account [x] Deposit Account Number # 50-3081 Authorization to charge additional fees: Yes [x] No []

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. Charges to deposit account are authorized, as indicated herein.

Joseph A. Capraro, Jr. Name of Person Signing [Signature] 10/8/04 Date

ASSIGNMENT

WHEREAS, We, Stephan Levine, Johannes Seiwert, Joachim Lohr, Ulrich Brammer, and Jens Fittkau, have invented one or more inventions described in an application for Letters Patent of the United States entitled:

OZONE CONCENTRATION SENSOR

and identified by

Attorney Docket No. _____, and/or executed by us on even date herewith and about to be filed in the United States Patent Office;

Serial No. 10/799,331 filed in the United States Patent Office on March 12, 2004; and

WHEREAS, Applied Science and Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the state of Delaware, and having a usual place of business at 90 Industrial Way, Wilmington, MA 01887, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands-and affixed our seals on the date(s) set forth below.

Urkundenrolle Nr. 731/2004

Inventor:

Levine
Stephan Levine
born 05.03.1945
address: Karl-Egon-Str. 24
10318 Berlin

State/Commonwealth of)
County of) ss

On this 20 day of July, 2004, before me, the undersigned notary public, personally appeared Stephan Levine, proved to me through satisfactory evidence of identification, which were identity card, to be the person whose name is signed on the preceding or attached document in my presence.



Dr. Günter Willma
Notary Public Dr. Günter Willma
My Commission Expires: unlimited

Inventor:

Johannes Seiwert
Johannes Seiwert
born 30.05.1957
address: Weinbergsweg 1
10119 Berlin

State/Commonwealth of)
County of) ss

On this 20 day of July, 2004, before me, the undersigned notary public, personally appeared Johannes Seiwert, proved to me through satisfactory evidence of identification, which were identity card, to be the person whose name is signed on the preceding or attached document in my presence.



Dr. Günter Willma
Notary Public Dr. Günter Willma
My Commission Expires: unlimited

Inventor:

Joachim Lohr
Joachim Lohr

State/Commonwealth of)
County of) ss

On this 22 day of July, 2004, before me, the undersigned notary public, personally appeared Joachim Lohr, proved to me through satisfactory evidence of identification, which were identity card, to be the person whose name is signed on the preceding or attached document in my presence.

MA TERESA SANAHUJA CAMBRA
Notary Public
My Commission Expires: INDEFINIDO

Inventor:

Ulrich Brammer

Ulrich Brammer
born 10.09.1958
address: Malplaquetstr. 25
13347 Berlin

State/Commonwealth of)
County of) ss

On this 20 day of July, 2004, before me, the undersigned notary public, personally appeared Ulrich Brammer, proved to me through satisfactory evidence of identification, which were identity card, to be the person whose name is signed on the preceding or attached document in my presence.

Dr. Günter Willma
Notary Public Dr. Günter Willma
My Commission Expires: unlimited



Yo, MARIA TERESA SANAHUJA CAMBRA, Notario del Ilustre Colegio de Cataluña, con residencia en el lugar de la fecha, legitimo la firma que antecede de D. JOACHIM LOHR, de nacionalidad alemana con Carta de Identidad número 2554059963, por haber sido puesta a mi presencia. De esta legitimación se ha tomado nota en mi libro indicador bajo el número 363. En Sant Feliu de Guíxols, a veintidós de julio del dos mil cuatro.

Ulrich Brammer
Joachim Lohr



Inventor: _____
Joachim Lohr

State/Commonwealth of _____)
County of _____) ss

On this 20 day of July, 2004, before me, the undersigned notary public, personally appeared Joachim Lohr, proved to me through satisfactory evidence of identification, which were identity card, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public
My Commission Expires: _____

Inventor: Ulrich Brammer
Ulrich Brammer
born 10.09.1958
address: Malplaquetstr. 25
13347 Berlin

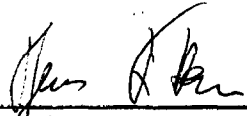
State/Commonwealth of _____)
County of _____) ss

On this 20 day of July, 2004, before me, the undersigned notary public, personally appeared Ulrich Brammer, proved to me through satisfactory evidence of identification, which were identity card, to be the person whose name is signed on the preceding or attached document in my presence.

Dr. Günter Willma
Notary Public Dr. Günter Willma
My Commission Expires: unlimited




Joint Assignment
Attorney Docket No. ASX-066
U.S. Serial No. 10/799,331
Page 4 of 4

Inventor: 
Jens Fittkau
born: 08.03.1967
address: Pichelsdorfer Str. 112
13595 Berlin

State/Commonwealth of)
County of) ss

On this 20 day of July, 2004, before me, the undersigned notary public, personally appeared Jens Fittkau, proved to me through satisfactory evidence of identification, which were identity card, to be the person whose name is signed on the preceding or attached document in my presence.




Notary Public Dr. Günter Willma
My Commission Expires: unlimited