FORM PTO-1595 (Rev. 6/93)

RECOR

11-02-2001



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3. DEPARTMENT OF COMMERCE Patent and Trademark Office

0 7010101	Altorney's Docket No. <u>000348-294</u>			
To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	Name and address of receiving party(ies):			
Michel MOISAN, Zenon ZAKRZEWSKI, Danielle KEROACK and Jean-Christophe ROSTAING	Name: L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE			
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Address: 75 quai d'Orsay,			
3. Nature of conveyance:	75321 Paris Ccdex 07,			
[X] Assignment [] Merger [] Change of Name	FRANCE 50			
Other:				
Execution Date: August 10, 2001	Additional name(s) & address(es) attached? [] Yes [X] No			
4. Application number(s) or patent number(s):	23853			
If this document is being filed together with a new application, the	execution date of the application is: October 26, 2001			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attack	hed? [] Yes [X] No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: E. Joseph Gess	7. Total fee (37 CFR § 3.41): \$_40,00			
Address: Burns, Doane, Swecker & Mathis, L.L.P.	[X] Enclosed			
P.O. Box 1404	[X] Authorized to be charged to deposit account, if necessary			
Alexandria, Virginia 22313-1404	8. Deposit account number:			
	02-4800			
DO NOT USE THIS SPACE				
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true of	and correct and any attached copy is a true copy of the original document.			
	October 26, 2001			
E. Joseph Gess Name of Person Signing	Signature Date			
	Total number of pages including cover sheet, attachments, and document: 5_			
Mail documents to be recorded with required cover sheet information to:				
Commissioner of Patents and Trademarks				

Box Assignments Washington, D.C. 20231

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PATENT (10/01) **REEL: 012291 FRAME: 0520**

000348-294 Attorney's Docket No.

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by <u>Michel MOISAN, Zenon ZAKRZEWSKI,</u>			
Danielle_KEROACK and Jean Christophe ROSTAING			
, and,			
residing at _ 101, avenue Beloeil OUTREMENT QUE. H2V 2Z1, Canada			
Startowa 15A, App. 8 - 8041 GDANS, Poland			
190 Latour ST JEAN SUR RICHELIEU QUE, J3B 1M3, Canada			
24. place du Marché 78530 BUC, France			
and (hereinafter referred			
to as "the Assignors"), respectively, witnesseth:			
WHEREAS, the Assignors have invented certain new and useful improvements in			
DEVICE FOR THE PLASMA TREATMENT OF GASES			
set forth in an application for Letters Patent of the United States, which is a provisional			
application to be filed herewith; \square which is a non-provisional application having an oath or			
declaration executed on even date herewith prior to filing of application; □ bearing Application No.			
, and filed on; and			
, and med on			
WHEREAS, L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES			
GEORGES CLAUDE, a corporation duly organized under and pursuant to the laws of FRANCE and having			
its principal place of business at 75 QUAI D'ORSAY, 75321 PARIS CEDEX 07, FRANCE (hereinafter			
referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to			
said inventions, the right to file applications on said inventions and the entire right, title and interest			
in and to any applications, including provisional applications for Letters Patent of the United States			
or other countries claiming priority to said application, and in and to any Letters Patent or Patents,			
United States or foreign, to be obtained therefor and thereon.			
United States of Totalgry to be obtained trial and the same			
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and			
sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold,			
assigned transferred, and set over, and by these presents do sell, assign, transfer, and set over,			

sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the

(10/97)

Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 08/10/01	Signature of Assignor
Date 08/10/01	
Date 08/10/01	Signature of Assignor
Date 08/10/01	Signature of Assignor
	Signature of Assignor
Date	Signature of Assignor
Date	
Data	Signature of Assignor



ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by <u>Michel MOISAN, Zenon ZAKRZEWSKI</u> ,
residing at 101, avenue Beloeil OUTREMENT QUE. H2V 2Z1, Canada Startowa 15A, App. 8 - 8041 GDANS, Poland
190 Latour ST JEAN SUR RICHELIEU QUE. J3B 1M3, Canada
24. place du Marché 78530 BUC, France
and (hereinafter referred
to as "the Assignors"), respectively, witnesseth:
WHEREAS, the Assignors have invented certain new and useful improvements in
DEVICE FOR THE PLASMA TREATMENT OF GASES
set forth in an application for Letters Patent of the United States, which is a provisional
application to be filed herewith; which is a non-provisional application having an oath or
declaration executed on even date herewith prior to filing of application; bearing Application No.
, and filed on; and
WHEREAS, L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, a corporation duly organized under and pursuant to the laws of FRANCE and having its principal place of business at 75 QUAI D'ORSAY, 75321 PARIS CEDEX 07, FRANCE (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to
said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;
AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including

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PATENT

REEL: 012291 FRAME: 0523

provisional applications, above-mentioned, and that the same are unencumbered, and that the

Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

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Date_	08/10/01	Signature of Assignor	for form.
Date_	08/10/01	Signature of Assignor	2,2
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