

05-17-2001

FORM PTO-1595
P20674.P06

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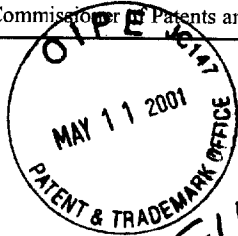
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of Patents and

101720360

ments or copy thereof.

1. Name of Conveying party(ies):

Klaus GOEDICKE
Torsten WINKLER
Michael JUNGHÄHNEL
Karsten HANDT
Prof. Henry GÜLDNER
Henrik WOLF
Frank ECKHOLZAdditional name(s) of conveying party(ies) attached? ___ Yes X No

2. Name and address of receiving party(ies)

Name: FRAUNHOFER-GESELLSCHAFT ZUR FÖDERUNG DER
ANGEWANDTEN FORSCHUNG e.V.

Internal Address: _____

Street Address: Leonrodstrasse 54, 80636 München, GERMANY

City: _____ State: _____ ZIP: _____

Additional name(s) and address(es) attached? ___ Yes X No

3. Nature of conveyance:

X Assignment _____ Merger
____ Security Agreement _____ Change of Name
____ Other _____Execution Date: April 3, 3, 19, 17, 19 and 19, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/817,346

B. Patent No.(s)

Additional numbers attached: ___ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Neil F. GreenblumInternal Address: P 20674Street Address: GREENBLUM & BERNSTEIN, P.L.C.1941 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41).....\$ 40.00X Enclosed

____ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

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

DO NOT USE THIS SPACE

9. 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.

Neil F. Greenblum, Reg. No. 28,394

Name of Person Signing

Signature 5/19/01

Date

Total number of pages including cover sheet, attachments and document: 6

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40.00 DF

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 011794 FRAME: 0804

ASSIGNMENT

WHEREAS, Klaus GOEDICKE, a citizen of Germany, whose post office address is Pfeifferhannsstrasse 18, 01307 Dresden, Germany, and Torsten WINKLER, a citizen of Germany, whose post office address is Kopernikusstrasse 4, 01454 Radeberg, Germany, and Michael Junghähnel, a citizen of Germany, whose post office address is Ullersdorfer Strasse 44h, 01324 Dresden, Germany, and Karsten HANDT, a citizen of Germany, whose post office address is Rauensteinstrasse 6, 01237 Dresden, Germany, and Prof. Henry GÜLDNER, a citizen of Germany, whose post office address is Wölkauer Strasse 5, 01809 Heidenau, Germany, and Henrik WOLF, a citizen of Germany, whose post office address is Müllerbrunnenstrasse 1, 01187 Dresden, Germany, and Frank ECKHOLZ, a citizen of Germany, whose post office address is Deubener Strasse 25, 01159 Dresden, Germany, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**PROCESS AND SWITCHING ARRANGEMENT FOR PULSING ENERGY
INTRODUCTION INTO MAGNETRON DISCHARGES,**

for which they have filed an application for Letters Patent in the United States Patent and Trademark Office on March 27, 2001.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 09/817,346, filed 27 March 2001) the filing date and application number of said application when known.

AND WHEREAS, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., a corporation organized and existing under the laws of Germany, whose post-office address is Leonrodstrasse 54, 80636 München, Germany hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in

the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by Klaus GOEDICKE, this 3rd day of April 2001, at (address) Pfeifferhannsstraße 18, 01307 Dresden, Germany

First Witness:

Regina Müller
(Name)

April 3, 2001
(Date)

Klaus Goedicke
Klaus GOEDICKE

Second Witness:

Brigitte Weigel
(Name)

April 3, 2001
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Torsten WINKLER, this 23 day of 04 2001, at (address) Kopernikusstraße 4, 01454 Radeberg, Germany

First Witness:

Regina Müller
(Name)

April 3, 2001
(Date)

Torsten Winkler
Torsten WINKLER

Second Witness:

Brigitte Weigel
(Name)

April 3, 2001
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Michael Junghähnel, this 3
day of 4 2001, at (address) Ullersdorfer Straße 44h, 01324 Dresden, Germany

First Witness:

Regina Lilla
(Name)

April 3, 2001
(Date)

Michael Junghähnel
Michael Junghähnel

Second Witness:

Brigitte Weigel
(Name)

April 3, 2001
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Karsten HANDT, this 19 day of 4
2001, at (address) Rauensteinstraße 6, 01237 Dresden, Germany

First Witness:

Regina Lilla
(Name)

April 19, 2001
(Date)

Karsten Handt
Karsten HANDT

Second Witness:

Brigitte Weigel
(Name)

April 19, 2001
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Prof. Henry GÜLDNER, this 17 day of April, 2001, at (address) Wölkauer Straße 5, 01809 Heidenau, Germany

First Witness:

Regina Müller
(Name)

April 17, 2001
(Date)

Henry Guldner
Prof. Henry GÜLDNER

Second Witness:

Brigitte Weigl
(Name)

April 17, 2001
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Henrik WOLF, this 19 day of 4 2001, at (address) Müllerbrunnenstraße 1, 01187 Dresden, Germany

First Witness:

Regina Müller
(Name)

April 19, 2001
(Date)

Henrik Wolf
Henrik WOLF

Second Witness:

Brigitte Weigl
(Name)

April 19, 2001
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Frank ECKHOLZ, this 19 day of 4 2001, at (address) Deubener Straße 25, 01159 Dresden, Germany

First Witness:

Regina Hüller
(Name)

April 19, 2001
(Date)

Frank Eckholz
Frank ECKHOLZ

Second Witness:

Christine Weigelt
(Name)

April 19, 2001
(Date)