FORM PTO-159 11-09-2004 U.S. Department of Commerce 1-31-92 Patent and Trademark Office Attorney Docket No. 05788.0301 Attorney Customer Number: 22,852 To the Honorable Commissioner of Pat ATTN. BOX ASSIGNMENTS RECORDATION 102878291 Please record the attached original doc **SERVICES** Name of conveying party(ies): 2. Name and address of receiving party(ies): 1) Antonio MILEO 2) Andrea DEMERGAZZI Name: PIRELLI & C. S.p.A. 3) Sergio PELLEGRINI Additional name(s) of conveying party(ies) attached?

Yes

No Internal Address: 3. Nature of conveyance: Street Address: Via Gaetano Negri, 10, 20123 Milano, Italy \boxtimes Assignment Merger City: Change of Name NOV 0 4 2004 Security State: Zip Code: Agreement Other: Additional name(s) & Address(es) attached? **Execution Date:** July 7, 2004 ☐ Yes ☑ No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number(s): B. Patent Number(s): 10/496,649 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and registrations concerning document should be mailed: involved: Name: Mr. Ernest F. Chapman 7. Total fee (37 CFR 3.41): \$40 \boxtimes Enclosed (Please charge deficiency to deposit account) П Authorized to be charged to deposit account Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P Street Address: 1300 I Street, N.W. City: Washington, D.C. State: 20005-3315 Zip: 8. Deposit Account No.: 06-0916 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. Ernest F. Chapman November 4, 2004 Registration No. 25,961 Date Total number of pages including cover sheet, attachments and documents: 3 1/08/2004 DBYRNE 01 FC:8021

40.00 OP

PATENT REEL: 015956 FRAME: 0454

Attorney Docket No.: 05788.0301

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

BURNER FOR A VAPOUR DEPOSITION PROCESS

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on May 25, 2004 (Application No. 10/496,649); and

WHEREAS, PIRELLI & C. S.p.A., a corporation of Italy, whose post office address is Via Gaetano Negri, 10, 20123 Milano, Italy (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/496,649, filed May 25, 2004) the filing date and application number of said application when known.

PATENT REEL: 015956 FRAME: 0455

Attorney Docket No.: 05788.0301

IN TESTIMONY WHEREOF, we have hereunto set our hands.

| First Assignor | F | irs | st | As | si | ar | าดเ | r |
|----------------|---|-----|----|----|----|----|-----|---|
|----------------|---|-----|----|----|----|----|-----|---|

Antonio MILEO

Via Vegri, 2

44100 FERRARA

Italy

Citizenship: Italy

Signature: !\www. Will.

Second Assignor

Andrea DEMERGAZZI

Via dell'Usignolo, 1 I-20147, Milano

Italy

Citizenship: Italy

Signature: Men Joseph

Date: 7-7-2004

Third Assignor

Sergio PELLEGRINI

Via Mario Borsa, 65, I-20151 Milano

Italy

Citizenship: Italy

Signature: Serve Mr

PATENT REEL: 015956 FRAME: 0456

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date Aug. 18, 2004 Name of Inventor Yasuhi ITO Date Aug. 18, 2004, Name of Inventor Futao NARUSE ____, Name of Inventor # Osamu MARUYAMA Date Aug. 18, 2004 Date ______, Name of Inventor ______ Date ______, Name of Inventor ______ _____, Name of Inventor (This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.) ACKNOWLEDGMENT } ss This ______ day of _______, 19 _____, before me personally came the above-named to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature **SEAL** Official Title The above application may be more particularly identified as follows: U.S. Application Serial No. ______ Filing Date _____ Applicant Reference No. _____ Atty. Docket No.

> PATENT REEL: 015956 FRAME: 0457

RECORDED: 11/04/2004

Title of Invention