

12-26-2000

Substitute Form PTO- 595
Attorney Docket No.: 11915-001 001

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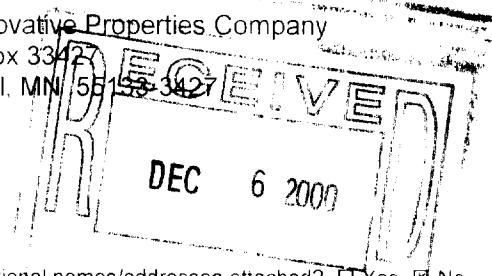
ET

101560646

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):
Nancy S. Lennhoff and Jyothsna Ram
Additional name(s) attached? Yes No

2. Name and address of receiving party(ies):
3M Innovative Properties Company
P.O. Box 3347
St. Paul, MN 55155-3347



3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other
Execution Date: 11/1/2000 AND 11/15/2000

Additional names/addresses attached? Yes No

4. Application number(s) or patent number(s)
If this document is being filed with a new application, the execution date of the application is: 11/1/2000 AND 11/13/2000
A. Patent Application No(s):
09/570,310
Additional numbers attached? Yes No

B. Patent No(s):

5. Name/address of party to whom correspondence concerning document should be mailed:
H. SANDERS GWIN
Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402

6. Total number of applications/patents involved: 1
7. Total fee (37 CFR §3.41): \$40
 Enclosed
 Authorized to charge Deposit Account.
8. Deposit Account No.: 06-1050
Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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.*

Sanders Gwin
Reg. No. 33,242
Name of Person Signing

Signature

12/05/00
Date

Total number of pages including coversheet, attachments and document: 5

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12/26/2000 MTHA11 00000002 09570310

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40.00 OP

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Hereby certify under 37 CFR § 1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231

December 5, 2000
Date of Deposit

Signature

Vince Defante
Typed Name of Person Signing Certificate

PATENT
REEL: 011355 FRAME: 0248

ASSIGNMENT

For valuable consideration, we, NANCY S. LENNHOFF of 675 Forest Street
North Andover, MA 01845 JYOTHISNA RAM of 9 The Paddock, Long Lane
Aughton, Ormskirk, Lancashire L39 4TU, UNITED KINGDOM, hereby assign to:

3M Innovative Properties Company a Delaware corporation having a place of business at:

P.O. Box 3427
St. Paul, MN 55133-3427; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ETCHING PROCESS FOR MAKING ELECTRODES, filed May 12, 2000, and assigned U.S. Serial Number 09/570,310, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Norwood MA

this 1 day of November, 2000

Nancy S. Lenhoff
NANCY S. LENHOFF

L.S

State of MA

County of Middlesex

**PLEASE SIGN
& DATE**

Before me this 1 day of November, 2000, personally appeared NANCY S. LENHOFF known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Paul J. Meenan
Paul J. Meenan
Notary Public
My Commission Expires: November 3, 2000

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____

this _____ day of _____, 20_____

L.S.

JYOTHSNA RAM

State of _____

ss.

County of _____

Before me this _____ day of _____, 20_____, personally appeared JYOTHSNA RAM known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

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ASSIGNMENT

For valuable consideration, we, NANCY S. LENNHOFF of 675 Forest Street

North Andover, MA 01845 JYOTHSNA RAM of 10 Everett Avenue, Shrewsbury, MA

01845, hereby assign to:

3M Innovative Properties Company, a Delaware corporation having a place of business at:

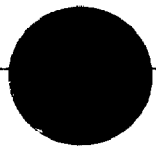
P. O. Box 3427

St. Paul, MN 55133-3427; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ETCHING PROCESS FOR MAKING ELECTRODES, filed May 12, 2000, and assigned U.S. Serial Number 09/570,310, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Liverpool, Merseyside
this 15th day of November, 2000 England

Jyothsna Ram
JYOTHSNA RAM



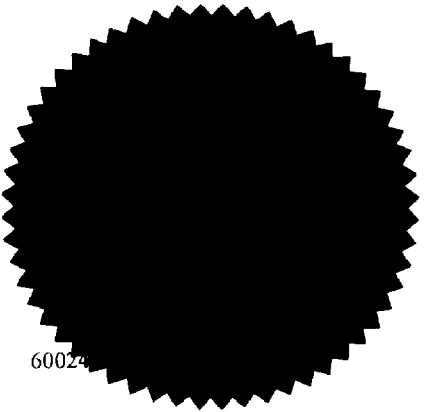
L.S.

City of Liverpool :

: ss.

County of Merseyside :

Before me this 15th day of November, 2000, personally appeared JYOTHSNA RAM known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that ~~he~~^s executed the same as ~~his~~^{her} free act and deed for the purposes therein contained.



Roger Arden

Notary Public

ROGER H. ARDEN

Solicitor & Notary

My Commission Expires

for so long as I practice

60024