

03-15-2002



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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): John D. Affinito, Gordon L. Graff, Peter M. Martin, Mark E. Gross, Paul E. Burrows and Linda S. Sapochak

2-26-02

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Battelle Memorial Institute

Internal Address:

Street Address: 902 Battelle Boulevard

City: Richland State: WA Zip: 99352

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: October 20, 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) 09/811,919

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Killworth, Gottman, Hagan & Schaeff, LLP

Internal Address:

Street Address: One Dayton Centre

One South Main Street, Suite 500

City: Dayton State: OH Zip: 45402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

(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.

Patricia L. Prior Name of Person Signing

Patricia L. Prior Signature

02/11/2002 Date

Total number of pages including cover sheet, attachments, and documents: 11

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40.00

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

PATENT REEL: 012667 FRAME: 0229

ASSIGNMENT

WHEREAS, we **JOHN D. AFFINITO** of Tucson, AZ, **GORDON L. GRAFF** of West Richland, WA, **PETER M. MARTIN** of Kennewick, WA, **MARK E. GROSS** of Pasco, WA, **PAUL E. BURROWS** of Kennewick, WA and **LINDA S. SAPOCHAK** of Henderson, NV invented certain new and useful **PLASMA ENHANCED CHEMICAL DEPOSITION FOR HIGH AND/OR LOW INDEX OF REFRACTION POLYMERS** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on March 19, 2001, under

☒ Patent Application Serial No. 09/811,919

☒ Attorney Docket No. BAT 0029 IA;

Jr 10/29/01

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, Battelle Memorial Institute, a corporation of the State of Ohio, with a place of business at 902 Battelle Boulevard, Richland, WA 99352, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

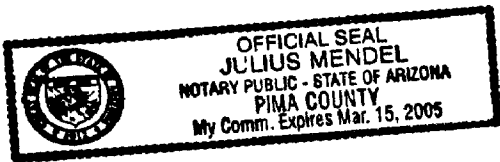
October IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of _____, 2001.

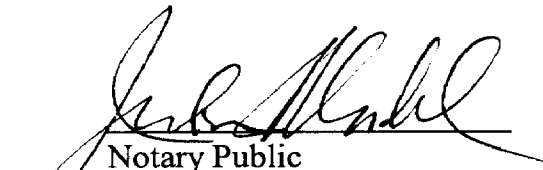


JOHN D. AFFINITO

State of ARIZONA)
) ss
County of PIMA)

On this 20th day of OCTOBER, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **JOHN D. AFFINITO** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.





Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2001.

GORDON L. GRAFF

State of _____)
) ss
County of _____)

On this _____ day of _____, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **GORDON L. GRAFF** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2001.

JOHN D. AFFINITO

State of _____)
County of _____) ss
_____)

On this _____ day of _____, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **JOHN D. AFFINITO** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Notary Public

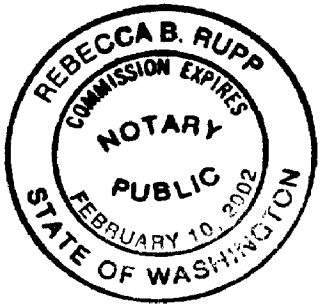
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8 day of November, 2001.

Gordon L. Graff
GORDON L. GRAFF

State of Washington)
County of Benton) ss
_____)

On this 8 day of November, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **GORDON L. GRAFF** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Rebecca B. Rupp
Notary Public

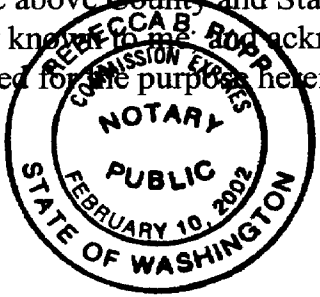


IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6th day of November, 2001.

Peter M. Martin
PETER M. MARTIN

State of re 11/6/01 ~~Benton~~ Washington)
County of Benton) ss
)

On this 6 day of November, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **PETER M. MARTIN** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



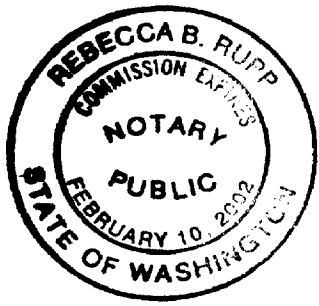
Rebecca B. Rupp
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8 day of November, 2001.

Mark E. Gross
MARK E. GROSS

State of Washington)
County of Benton) ss
)

On this 8 day of November, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **MARK E. GROSS** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



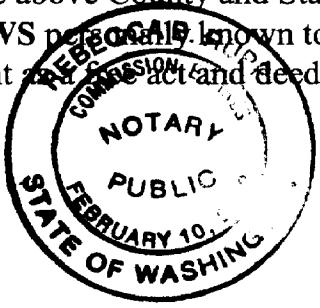
Rebecca B. Rupp
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8 day of November, 2001.

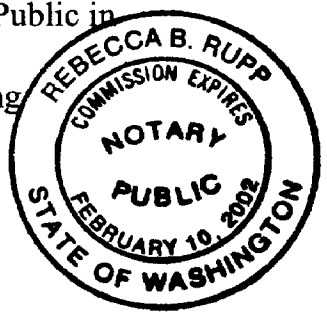
Paul E. Burrows
PAUL E. BURROWS

State of Washington)
County of Benton) ss
)

On this 8 day of November, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **PAUL E. BURROWS** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



Rebecca B. Rupp
Notary Public



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2001.

LINDA S. SAPOCHAK

State of _____)
County of _____) ss
)

On this _____ day of _____, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **LINDA S. SAPOCHAK** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2001.

PAUL E. BURROWS

State of _____)
County of _____) ss
_____)

On this _____ day of _____, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **PAUL E. BURROWS** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of November, 2001.

Linda S. Sapochak
LINDA S. SAPOCHAK

State of Nevada)
County of Clark) ss
_____)

On this 2nd day of November, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **LINDA S. SAPOCHAK** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



Kristene G. Fisher
Notary Public