

FORM PTO-1596
1-31-92

RECO

05-14-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner for Patents and



ginal documents or copy thereto:

1. Name of Conveying Party(ies):

**Peter Loges
James Daly
V. Mark Villafuerte
Christopher J. von Benken**

102089026

iving party(ies):

Name: **Ion Optics, Inc.**Address: **411 Waverly Oaks Road, Suite 144
Waltham, MA 02154**Additional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: **3/26/02; 4/6/02**Additional name(s) & address(es) attached? ☐ Yes

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

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

A. Patent Application No(s).

**60/268,179 Filed 2/12/01
10/074,188 Filed 2/12/02**

B. Patent No(s).

Additional numbers attached? ☐ Yes

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

Name: **Mark G. Lappin, P.C.**

Internal Address:

McDermott, Will & EmeryStreet Address: **28 State Street**City: **Boston** State: **MA** Zip: **02109**6. Total number of applications and patents involved: **2**7. Total fee (37 CFR 3.41) **\$80.00**

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1133

05/13/2002 DBYRNE 00000280 60268179

01 FC:581

80.00 DP

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.

Jeffrey J. Miller, Reg. No.: 39,773**4-24-02**

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet:

CMB No. 0851-0011 (exp. 4/94)

ASSIGNMENT OF PATENT RIGHTS

We, **Peter G. Loges, 18 Ferndale Road, Natick, Massachusetts 01760, U.S.A., James T. Daly, 35 Patty's Road, Mansfield, Massachusetts 02408, U.S.A., V. Mark Villafuerte, 71 Montvale Avenue, Apartment 9, Stoneham, Massachusetts 02180, U.S.A. and Christopher J. von Benken, 73 Waltham Street, Maynard, Massachusetts 01754, U.S.A.,** for good and valuable consideration paid to us by

ION OPTICS, INC.

a Massachusetts Corporation having a principal place of business at 411 Waverly Oaks Road, Suite 144, Waltham, Massachusetts 02454, USA, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

ION OPTICS, INC.

its successors and assigns, our entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

FILAMENT FOR RADIATION SOURCE

described in United States provisional patent application Serial No. 60/268,179, filed on February 12, 2001 and United States non-provisional patent application Serial No. 10/074,188, filed on February 12, 2002, and all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or any non-provisional, divisional, continuing, reissue or other applications based in whole or in part on said provisional and non-provisional application(s).

And we agree for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 26th day of March, 2002.

Peter G. Loges
Peter G. Loges

Commonwealth of Massachusetts)
County of Middlesex) ss
)

Then personally appeared the above named Peter G. Loges and acknowledged the foregoing instrument to be his free act and deed, before me, this 26th day of March, 2002.

Amy K. Anderson
Notary Public
My commission expires: 9-8-06
Seal

WITNESS my hand and seal this 26th day of March, 2002.

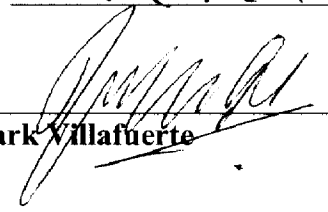
James T. Daly
James T. Daly

Commonwealth of Massachusetts)
County of Middlesex) ss
)

Then personally appeared the above named James T. Daly and acknowledged the foregoing instrument to be his free act and deed, before me, this 26th day of March, 2002.

Amy K. Anderson
Notary Public
My commission expires: 9-8-06
Seal

WITNESS my hand and seal this 26 day of March, 2002.


V. Mark Villafuerte

3/26/02

Commonwealth of Massachusetts)
) ss
County of Middlesex)

Then personally appeared the above named V. Mark Villafuerte and acknowledged the foregoing instrument to be his free act and deed, before me, this 26th day of March, 2002.


Notary Public

My commission expires: 9-8-06
Seal

WITNESS my hand and seal this _____ day of _____, 2002.

Christopher J. von Benken

Commonwealth of Massachusetts)
) ss
County of _____)

Then personally appeared the above named Christopher J. von Benken and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2002.

Notary Public

My commission expires:
Seal

Attorney Docket: 56326-041 (IOPL-119)
Mark G. Lappin, P.C.
McDERMOTT, WILL & EMERY
28 State Street
Boston, MA 02109-1775
Tel.: (617) 535-4000
Fax: (617) 535-3800

WITNESS my hand and seal this _____ day of _____, 2002.

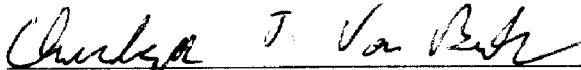
V. Mark Villafuerte

Commonwealth of Massachusetts)
) ss
County of _____)

Then personally appeared the above named V. Mark Villafuerte and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2002.

Notary Public
My commission expires:
Seal

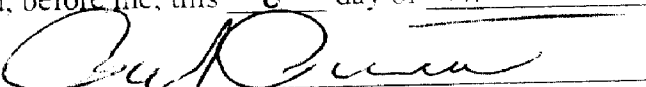
WITNESS my hand and seal this 6 day of April, 2002.



Christopher J. von Benken

Commonwealth of Massachusetts)
) ss
County of MIDDLESEX)

Then personally appeared the above named Christopher J. von Benken and acknowledged the foregoing instrument to be his free act and deed, before me, this 6 day of APRIL, 2002.



Notary Public
My commission expires:
Seal

PAUL PICARDI
Notary Public
My Commission Expires Dec. 31, 2004

Attorney Docket: 56326-041 (IOPL-119)
Mark G. Lappin, P.C.
McDERMOTT, WILL & EMERY
28 State Street
Boston, MA 02109-1775
Tel.: (617) 535-4000
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