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06-14-2004



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Docket No.: 08850001AA

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Victor Katsap

6-4-04

2. Name and address of receiving party(ies):

Name: **Nuflare Technology, USA**

Internal Address: **Division of Toshiba Machine America,**

Inc.

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Street Address: **10 Corporate Park Drive, Suite C**

City: **Hopewell Junction** State: **NY** ZIP: **12533**

Execution Date: **May 17, 2004**

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

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

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

A. Patent Application No.(s)

B. Patent No.(s)

**10/774,693 filed on
February 10, 2004**

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Ruth Tyler-Cross**

Internal Address: **Whitham, Curtis & Christofferson, PC**

Customer Number: 30743

Street Address: **11491 Sunset Hills Road, Suite 340**

City: **Reston** State: **Va** ZIP: **20190**

6. Total number of applications and patents involved:

1

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

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-2041

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

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.

Ruth Tyler-Cross Reg No. 45,922

Name of Person Signing

Signature

June 4, 2004

Date

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

3

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 015437 FRAME: 0363

06/10/2004 LWEILER 00000102 10774693

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ASSIGNMENT OF INVENTION

WHEREAS I, Victor Katsap, have invented certain new and useful improvements in an invention entitled: HIGH BRIGHTNESS THERMIONIC CATHODE, for which a United States Patent Application bearing Serial Number 10/774,693 having been filed on February 10, 2004,

WHEREAS, Nuflare Technology USA, a division of Toshiba Machine America, Inc., having a principal place of business in Hopewell Junction, New York, hereinafter referred to as ASSIGNEE, is desirous of acquiring certain rights thereunder; and

NOW THIS INDENTURE WITNESSETH, that for a valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its possessions and dependencies) and all countries foreign thereto, in and to said invention (whether patentable or not), of any country, which have been or may be granted on said invention or any part thereof, or any divisional, substitute, continuation-in-whole or in part, renewal, reissue or other patent applications based thereon, and based upon said invention, together with the right of said ASSIGNEE to apply for such patent in its own name in all countries of the world where such is permissible by law, and the right to claim the benefit of priority right provided by the International Convention of 1883, as amended to date, and any such priority right:

AND I do hereby authorize and request the Commissioner of Patents to issue any and all United States Patents which may be granted upon said invention or any part thereof, to said ASSIGNEE;

AND I hereby agree for myself, and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuation-in-whole or in part, substitute, renewal, reissue, or other applications for patents for any country that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patent of any of them;

AND I hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the ASSIGNEE thereof shall hereafter require and prepare at ASSIGNEE'S expense

Executed this 17 day of May, 2004


Victor Katsap