

12-07-1999

COVER SHEET  
NLY

MRS 11/29/99



101217530

To the Honorable Commis

and the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (a) Fernandez, Andres;
- (b) Thomas, Timothy;
- (c) Chen, Xiaolan;
- (d) Coyle, Steven T.;
- (e) Yu, Ming;
- (f) Mankos, Marian M.

Additional name(s) of conveying party(ies) attached?

Yes  No

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

Name: ETEC SYSTEMS, INC

Street Address: 26460 CORPORATE AVENUE

City: HAYWARD State: CA Zip: 94545

Country: USA

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: 11/12-11/15-11/16/99

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) - 09/363,926

Title: Diamond Supported Photocathodes For Electron Sources

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Norman R. Klivans

Internal Address: SKJERVEN, MORRILL, MacPHERSON,

FRANKLIN & FRIEL LLP

Street Address 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA ZIP 95110

6. Total number of applications and patents involved: 1

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

- Authorized to be charged to Deposit Account 19-2386
- Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

12/06/1999 DNGUYEN 00000146 192386 09363926

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8. 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.

Norman R. Klivans 33,003  
Name of Person Signing

Norman R. Klivans  
Signature

11/17/99  
Date

Total number of pages comprising cover sheet: 4

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we

<u>Fernandez, Andres</u>	of	<u>Dublin, CA</u>
<u>Thomas, Timothy</u>	of	<u>Portland, OR</u>
<u>Chen, Xiaolan</u>	of	<u>Beaverton, OR</u>
<u>Coyle, Steven T.</u>	of	<u>Newark, CA</u>
<u>Yu, Ming</u>	of	<u>Fremont, CA</u>
<u>Mankos, Marian</u>	of	<u>San Francisco, CA</u>

hereby sell, assign and transfer to Etec Systems, Inc., a Nevada corporation, having a place of business at 26460 Corporate Avenue, Hayward, CA 94545, its successors and assigns, the entire right, title and interest throughout the world in our invention in

**Diamond Supported Photocathodes For Electron Sources**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

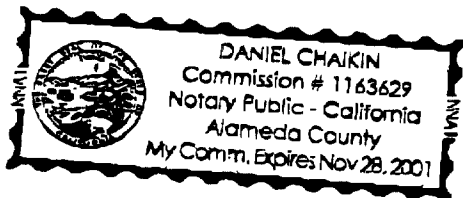
Executed this 12 day of November, 1999.

(Andres Fernandez)

State of California )  
County of Alameda ) ss.

On November 12, 1999 before me, Daniel Chaikin personally appeared Andres Fernandez personally known to me or ~~proved to me on the basis of~~ ~~satisfactory evidence~~ to be the person(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
SIGNATURE OF NOTARY

Attorney Docket No.: M-7488 US

Executed this 16 day of November, 1999.

*Stu*

(Steven T. Coyle)

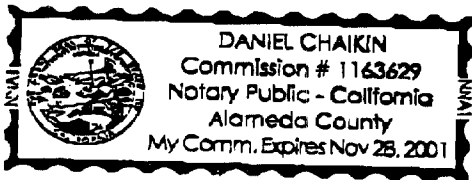
State of California )

County of Alameda ) ss.

On November 16, 1999 before me, Daniel Chaikin personally appeared Steven T. Coyle personally known to me ~~or proved to me on the basis of satisfactory evidence~~ to be the person(s) whose name(s) is(~~are~~) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

*Daniel Chaikin*  
SIGNATURE OF NOTARY



Executed this 15 day of November, 1999.

*Marian Mankos*

(Marian Mankos)

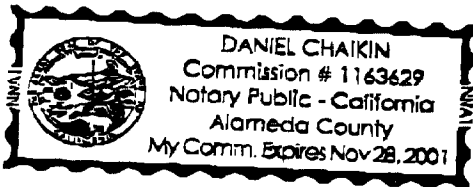
State of California )

County of Alameda ) ss.

On November 15, 1999 before me, Daniel Chaikin personally appeared Marian Mankos personally known to me ~~or proved to me on the basis of satisfactory evidence~~ to be the person(s) whose name(s) is(~~are~~) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

*Daniel Chaikin*  
SIGNATURE OF NOTARY



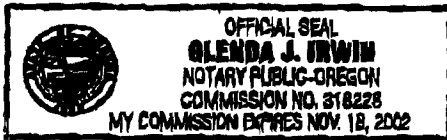
Attorney Docket No.: M-7488 US.

Executed this 16 day of Nov., 1999.

Xiaslan Chen  
(Xiaslan Chen)

State of Oregon  
County of Washington ss.

On Nov 16, 1999 before me, Glenda J. Irwin personally appeared Xiaslan Chen personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



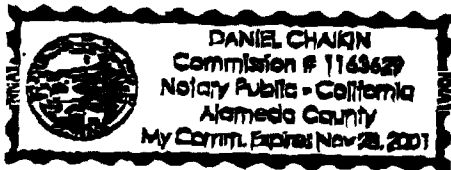
WITNESS my hand and official seal.  
Glenda J. Irwin  
SIGNATURE OF NOTARY

Executed this 11 day of Nov, 1999.

Ming Lun Yu  
(Ming Lun Yu)

State of California  
County of Alameda ss.

On November 16, 1999 before me, Daniel Chaikin personally appeared Ming Lun Yu personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.  
Daniel Chaikin  
SIGNATURE OF NOTARY

Attorney Docket No.: M-7488 US

Executed this 16 day of Nov. 1999.

[Signature]  
(Timothy Thomas)

State of Oregon  
County of Washington ss.

On Nov. 16, 1999 before me, Glenda J. Irwin, personally appeared Timothy Thomas personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.  
[Signature]  
SIGNATURE OF NOTARY