

05-15-1998

RNEY JOCKET NO.: M-5488 US

U.S. DEPARTMENT OF COMMERC

R SHEET

Patent and Trademark Office

09/058258
MEO 4-10-98



100712986

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

1. Name of conveying party(ies):
 Lee H. Veneklasen, Tai-Hon P. Chang and Marian Mankos
 Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
 Name: Etec Systems, Inc.
 Internal Address: _____
 Street Address: 26460 Corporate Avenue

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: April 9, 1998

City Hayward State CA Zip 94545
 Additional name(s) & address(es) attached?
 Yes No

JC551 U.S. PTO
 09/058258
 04/10/98

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: April 9, 1998
 A. Patent Application No.(s)
 Title: Shaped Shadow Projection for an Electron Beam Column
 B. Patent No.(s)
 Additional numbers attached? Yes No

6. Total number of applications and patents involved: one
 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 (Duplicate copy of this page attached)

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Norman R. Klivans, Esq.
 Internal Address: SKJERVEN, MORRILL, MacPHERSON,
FRANKLIN & FRIEL
 Street Address: 25 METRO DRIVE, SUITE 700
 City SAN JOSE State CA ZIP 95110

DO NOT USE THIS SPACE

05/12/1998 ISHBAZZ 00000110 192386 09058258
 Sale Ref: 00000111 DAM: 192386 09058258
 01 FC:581 40.00 CH

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, Reg. No. 33,003 [Signature] April 10, 1998
 Name of Person Signing Signature Date

Total number of pages comprising cover sheet: 3

ASSIGNMENT

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

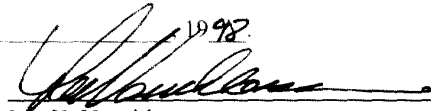
Lee H. Veneklasen	of	3445 Badding Road, Castro Valley, CA 94546
Tai-Hon P. Chang	of	1105 Nimitz Lane A18 Quadrant Lane , Foster City, CA 94538
Marian Mankos	of	2000 Broadway #313, San Francisco, CA 94115

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

Shaped Shadow Projection For An Electron Beam Column

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.

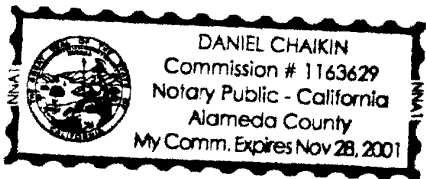
Executed this 9th day of April 1998

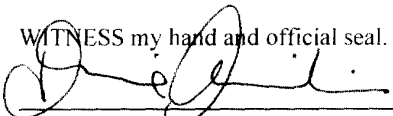


Lee H. Veneklasen

State of California)
County of Alameda) ss.

On April 9, 1998 before me, Daniel Chaikin personally appeared Lee H. Veneklasen 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.


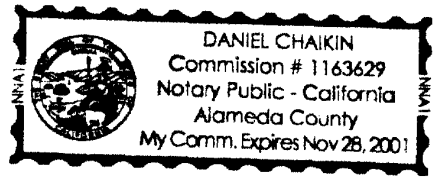
SIGNATURE OF NOTARY

Executed this 9th day of April, 1998.

Tai-Hon P. Chang
Tai-Hon P. Chang

State of California)
County of Alameda) ss.

On April 9, 1998 before me, Daniel Chaikin personally appeared Tai-Hon P. Chang 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.



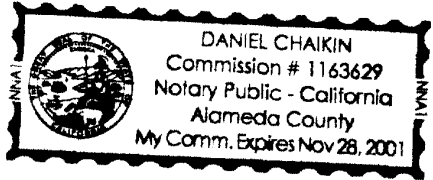
WITNESS my hand and official seal.
[Signature]
SIGNATURE OF NOTARY

Executed this 9th day of April, 1998.

Marian Mankos
Marian Mankos

State of California)
County of Alameda) ss.

On April 9, 1998 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.
[Signature]
SIGNATURE OF NOTARY