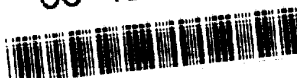


06-12-1998



100736230

To the Honorable Commissioner of Patents

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(a) John M. Tamkin

(b) Joseph P. Donahue

(c)

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 AvenueCity Hayward State CA ZIP 94545Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: February 4, 1998; October 16, 1997

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: May 20, 1998

A. Patent Application No.(s) -

Title: HIGH EFFICIENCY LASER PATTERN GENERATOR

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David T. MillersInternal Address: SKJERVEN, MORRILL, MacPHERSON,FRANKLIN & FRIEL LLPStreet Address: 25 METRO DRIVE, SUITE 700City SAN JOSE State CA ZIP 951106. Total number of applications and patents involved: 17. 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

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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.

David T. Millers

37,396

Name of Person Signing

David Millers

Signature

5-20-98

Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT

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

John M. Tamkin of 11306 N. Copper Springs Trail, Oro Valley, AZ 85737
Joseph P. Donahue of 10909 N. Pomegranate Drive, Oro Valley, AZ 85737

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

"HIGH EFFICIENCY LASER PATTERN GENERATOR"

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 ____ day of _____, 19 ____

John M. Tamkin

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally appeared _____ 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 4th day of FEBRUARY, 1998.

Joseph P. Donahue

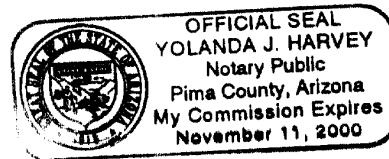
Joseph P. Donahue

State of Arizona)
County of Pima) ss.

On 2-4-98 before me, Yolanda J. Harvey personally appeared Joseph P. Donahue 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.

Yolanda J. Harvey
SIGNATURE OF NOTARY



ASSIGNMENT

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

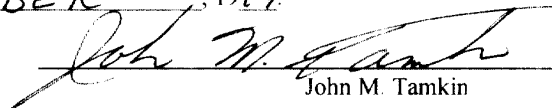
John M. Tamkin of 11306 N. Copper Springs Trail, Oro Valley, AZ 85737
Joseph P. Donahue of 10909 N. Pomegranite Drive, Oro Valley, AZ 85737

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

"HIGH EFFICIENCY LASER PATTERN GENERATOR"

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 16 day of OCTOBER, 1988

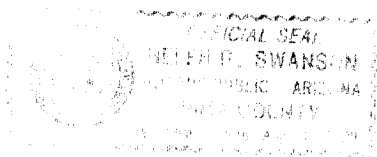

John M. Tamkin

State of Arizona)
County of Pima) ss.

On 10-16-88 before me, Helen B Swanson personally appeared John M. Tamkin 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 _____ day of _____, 19_____.

Joseph P. Donahue

State of _____)
County of _____) SS.

On _____ before me, _____ personally appeared _____ 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