

08-02-2004

FORM PTO-1595

(Rev. 6-93)

OMB No. 0631-0011 (exp. 4/94)

U.S. Department of Commerce



Patent and Trademark Office

102803875

To the Honorable Commissioner of

Patent and Trademark Office

1. Name of conveying party(ies):

Paul Walton Hein

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

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

Execution Date: July 20, 2004

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

Name: L-3 Integrated Systems Company

Internal Address:

Street Address: 10001 Jack Finney Blvd.

City: Greenville State: TX Zip: 75402

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

4. Application number(s) or registration 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):

B. Patent No.(s):

10/835,274 Filed April 29, 2004

Additional numbers attached? ☐ Yes ☒ No

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

Name: William W. Enders

O'KEEFE, EGAN & PETERMAN
1101 Capital of Texas Highway South
Building C, Suite 200

City: Austin State: Texas Zip: 78746

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00

☒ Enclosed☒ Authorized to be charged to deposit account if check insufficient or inadvertently omitted

8. Deposit account number:

10-1205/LCOM:008

(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.

William W. Enders

Name of Person Signing

Reg. No. 41,735

Signature

Date

7/23/04

Total number of pages including cover sheet, attachments and documents: 2

Pursuant to 37 C.F.R. 1.8, I certify that this correspondence is being deposited with the U.S. Postal Service in an envelope addressed to: Mail Stop Assignment recordation Services, Director Of The United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450 on the date below:

Date

Name

07/30/2004 6TOM11 00000020 10835274

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PATENT
REEL: 015613 FRAME: 0542

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to L-3 INTEGRATED SYSTEMS COMPANY (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of business 10001 Jack Finney Blvd., Greenville, Texas 75402, the entire right, title and interest for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/835,274, filed on April 29, 2004 and is entitled "NON-MULTIPLE DELAY ELEMENT VALUES FOR PHASE SHIFTING," (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): Paul Walton Hein
Paul Walton Hein

Date: 20 - July 2004

State of Texas)
County of HUNT)

BEFORE ME, the undersigned authority, on this 20th day of July, 2004, personally appeared Paul Walton Hein, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Carol S. Langford
Notary or Consular Officer

