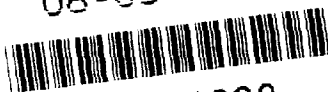


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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David Allen Langan; Jean Lienard

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

WRD 6/02/02

2. Name and address of receiving party(ies)

Name: General Electric Company

Internal Address:

Street Address: 1 River Road

City: Schenectady State: NY ZIP: 12345

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

3. Nature of conveyance:

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

Execution Date: July 19, 2002; July 19, 2002, respectively

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)

09/682,235 filed August 8, 2001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John S. Beulick

Internal Address: Armstrong Teasdale, LLP

Street Address: One Metropolitan Sq. Suite 2600

City: St. Louis State: MO ZIP: 63102

6. Total number of applications and patents involved: 5

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

01-2384

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

DO NOT USE THIS SPACE

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.

Thomas M. Fisher

Signature

July 30, 2002

Date

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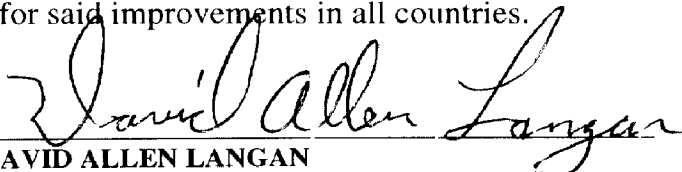
Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013152 FRAME: 0496

ASSIGNMENTAttorney's Docket No.
RD-28512

In consideration of One Dollar and/or other good and valuable consideration, of which we acknowledge receipt, we, **DAVID ALLEN LANGAN** of **9 Lincoln Avenue, Clifton Park, New York 12065**, and **JEAN LIENARD**, of **51 rue Saint-Honore, 91430 Igny, France**, sell and assign to General Electric Company, a New York Corporation (hereinafter referred to as "Company"), its successors and assigns the entire right, title and interest in and to the improvements in **METHODS FOR IMPROVING CONTRAST BASED DYNAMIC RANGE MANAGEMENT (Docket No. RD-28512)**, invented by us, as described in the application for the United States patent filed **August 8, 2001, Serial Number 09/682,235**, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

July 19, 2002
DAVID ALLEN LANGANState of New York)
County of Saratoga) ss.

This _____ day of _____, 2002, before me personally came the above-named **DAVID ALLEN LANGAN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

ASSIGNMENT

**Attorney's Docket No.
FD-28512**

Signed at town of _____, State of _____, this _____ day of _____, 2002.

JEAN LIENARD

Witnessed by:

Heather D. Hudspeth 7/18/02
Witness Signature and Date

Heather D. Hudspeth
Printed Name of First Witness

V. Paul Staudinger 7/19/02
Witness Signature and Date

V. Paul Staudinger
Printed Name of Second Witness

ASSIGNMENTAttorney's Docket No.
RD-28512

In consideration of One Dollar and/or other good and valuable consideration, of which we acknowledge receipt, we, **DAVID ALLEN LANGAN**, of 9 Lincoln Avenue, Clifton Park, New York 12065, and **JEAN LIENARD**, of 51 rue Saint-Honore, 91430 Igny, France, sell and assign to General Electric Company, a New York Corporation (hereinafter referred to as "Company"), its successors and assigns the entire right, title and interest in and to the improvements in **METHODS FOR IMPROVING CONTRAST BASED DYNAMIC RANGE MANAGEMENT (Docket No. RD-28512)**, invented by us, as described in the application for the United States patent filed **August 8, 2001, Serial Number 09/682,235**, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns and nominees to obtain and enforce proper patent protection for said improvements in all countries.

_____, 2002

DAVID ALLEN LANGANState of _____)
County of _____) ss.

This _____ day of _____, 2002, before me personally came the above-named **DAVID ALLEN LANGAN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My commission expires:

ASSIGNMENT

Attorney's Docket No.
RI-28512Signed at town of PARIS, FRANCE, State of _____, this 19th day of
July, 2002.
JEAN LIENARD

Witnessed by:

19 Jul 02
Witness Signature and DateGeorges M. DUBROEU
Printed Name of First Witness19 July 02
Witness Signature and DateSophie ANELOT
Printed Name of Second Witness