

06-06-2002

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HEET

29250-000593/US

To the Honorable Commissioner of Pa

102113155

1 original documents or copy thereof.

1. Name of conveying party(ies):

Daniel G. ALIAGA  
Ingrid B. CARLBOM

05/29/02

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

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

Name: Lucent Technologies Inc.

Internal Address: \_\_\_\_\_

Street Address: 600 Mountain Ave

City: Murray Hill State: NJ Zip: 07974

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

1036 U.S. PTO  
10/156189  
05/29/02

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: May 28, 2002

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 28, 2002.

10/156189

A. Patent Application No.(s)

B. Patent No. (s)

Additional numbers attached?  Yes  No

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

Name: Harness, Dickey & Pierce, P.L.C.  
Internal Address:  
Street Address: P.O. Box 8910  
City: Reston State: VA Zip: 20195

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 08-0750

(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.

Gary D. Yacura  
Gary D. Yacura

37275  
Registration No.

May 29, 2002  
Date

Total number of pages including cover sheet, attachments, and document: **Four (4)**

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

05/31/2002 66EBREGI 00000073 10156189

02 FC:581

40.00 OP

PATENT  
REEL: 012949 FRAME: 0380

Lucent Ref. No.: Alaga 2-13  
Attorney Docket No. 29250-000593/US

## ASSIGNMENT AND AGREEMENT

For value received, I **Daniel G. ALIAGA** of **Millington** in the County of **Morris** and State of **New Jersey** sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **CAMERA MODEL AND CALIBRATION PROCEDURE FOR OMNIDIRECTIONAL PARABOLOIDAL CATADIOPTRIC CAMERAS** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Lucent Ref. No.: Aliaga 2-13  
Attorney Docket No. 29250-000593/US

*Daniel G. Aliaga*  
Daniel G. ALIAGA

Date: 5/28/2002

United States of America )

State of New Jersey ) ss.:

County of Union )

On this 28 day of May, 2002, before me personally came \_\_\_\_\_ to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Diane C. Thomas*  
Notary Public

**DIANE C. THOMAS**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires July 11, 2006**

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636

Lucent Ref. No.: Aliaga 2-13  
Attorney Docket No. 29250-000593/US

## ASSIGNMENT AND AGREEMENT

For value received, I **Ingrid B. CARLBOM** of **Summit** in the County of **Union** and State of **New Jersey** sell, assign and transfer to **Lucent Technologies Inc.**, a corporation of the State of **Delaware**, having an office at **600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A.**, and its successors, assigns and legal representatives, the entire right, title and interest, for the **United States of America**, in and to certain inventions related to **CAMERA MODEL AND CALIBRATION PROCEDURE FOR OMNIDIRECTIONAL PARABOLOIDAL CATADIOPTRIC CAMERAS** described in an application for Letters Patent of the **United States**, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the **United States** for said inventions; and we also concurrently hereby sell, assign and transfer to **Lucent Technologies Inc.** the entire right, title and interest in and to said inventions for all countries foreign to the **United States**, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the **United States** for said inventions.

We authorize **Lucent Technologies Inc.** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the **United States**, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **Lucent Technologies Inc.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to **Lucent Technologies Inc.** in the **United States** and in all countries foreign to the **United States**, or to such nominees as **Lucent Technologies Inc.** may designate.

We agree that, when requested, we shall, without charge to **Lucent Technologies Inc.** but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Lucent Ref. No.: Aliaga 2-13  
Attorney Docket No. 29250-000593/US

Ingrid B. Carlom  
Ingrid B. CARLBOM

Date: 5/28/2002

United States of America )  
State of New Jersey ) ss.:  
County of Union )

On this 28 day of May, 2002, before me personally came \_\_\_\_\_, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane C. Thomas  
Notary Public

**DIANE C. THOMAS**  
**NOTARY PUBLIC OF NEW JERSEY**  
My Commission Expires July 11, 2006

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636

