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1. Name of conveying party(ies):

6-7-04
Hong Jiang
Kim N. Matthews
Lesley J. Wu
Xiao Yun WuAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 6/3/04, 6/4/04, 6/3/04 and 5/20/04

2. Name and address of receiving party(ies)

Name: Lucent Technologies Inc.

Internal Address: _____

Street Address: 600 Mountain Avenue

City: Murray Hill State: NJ Zip: 07974

Additional name(s) & address(es) attached? ☐ Yes ☒ No19587 U.S. PTO
10/862215

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: herewith

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: Robert R. Axenfeld

Internal Address: Synnestvedt & Lechner LLP

Street Address: 2600 Aramark Tower

1101 Market Street

City: Philadelphia State: PA Zip: 19107

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:

19-5425

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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.

Robert R. Axenfeld

Name of Person Signing

Signature

June 7, 2004

Date

6

06/09/2004 LWONDIM1 00000052 10862215 Total number of pages including cover sheet, attachments, and documents

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ASSIGNMENT AND AGREEMENT

For value received, we, **Hong Jiang** of **Warren** in the County of **Somerset** and State of **New Jersey**, **Kim N. Matthews** of **Watchung** in the County of **Somerset** and State of **New Jersey**, **Lesley Jen-Yuan Wu** of **Parsippany** in the County of **Morris** and State of **New Jersey** and **Xiaoyun Wu** of **Shanghai** in the Country of **China**, hereby 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 **DEINTERLACING VIDEO IMAGES WITH SLOPE DETECTION** 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.


 Hong Jiang

Date: 06/03/04

United States of America)

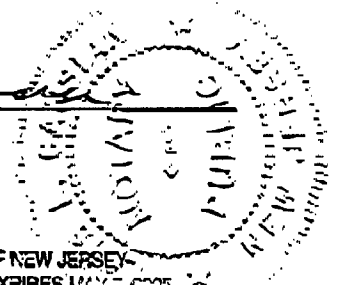
State of New Jersey) ss.:

County of UNION)

On this 3rd day of June, 2004, before me personally came, **Hong Jiang** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


 Notary Public

LOIS L. CANIAN
 NOTARY PUBLIC OF NEW JERSEY
 MY COMMISSION EXPIRES 12/31/2005





Kim N. Matthews

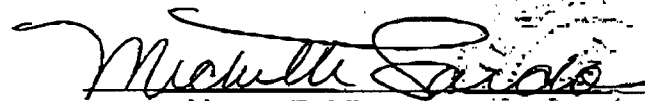
Date: 6/4/04

United States of America)

State of NEW JERSEY) ss.:

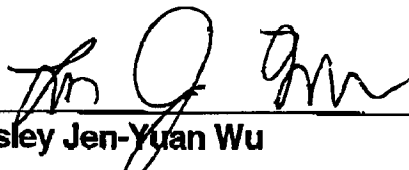
County of UNION)

On this 4th day of JUNE, 2004, before me personally came **Kim N. Matthews**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public


MICHELLE SARDO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Jan 24, 2006



 Lesley Jen-Yuan Wu

Date: 3 June 2004

United States of America)

State of NEW Jersey) ss.:

County of Union)

On this 3rd day of June, 2004, before me personally came **Lesley Jen-Yuan Wu**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



 Notary Public

LOIS L. CANSIAN
 NOTARY PUBLIC OF NEW JERSEY
 MY COMMISSION EXPIRES MAY 7, 2005

Jiang 15-24-16-3


Xiaoyun Wu

Date: 05/20/2004

Lucent Technologies Inc.
Docket Administrator (Room 3J-219)
101 Crawfords Corner Road
P. O. Box 3030
Holmdel, New Jersey 07733-3030

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