

08-31-1998

Form PTO-1595

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August 20, 1998

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100822199

Please record the attached original documents or copy thereof. Attorney Docket No.: Case No. Chiu 2-15, IDS No. 113134

1. Name of conveying party(ies):

Yi-Jen Chiu  
John Hartung

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

Name: Lucent Technologies Inc

Street Address: 600 Mountain Avenue

P. O. Box 636

City: Murray Hill State: New Jersey Zip: 07974-0636

Additional names and addresses attached? [ ] yes [X] no

Additional name(s) of conveying party(ies) attached?  
[ ] yes [X] no

3. Nature of Conveyance

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

Execution Date: August 19, 1998

4. Application number(s) or patent number(s):

09/137400

If this document is being filed together with a new application, the execution date of the application is August 19, 1998;

A. Patent Application No.(s)  
N/A/N/A

B. Patent No.(s):  
N/A

Additional numbers attached? [ ] Yes [X] No

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

Name: Lance J. Lieberman, Esq.

Street Address: Cohen, Pontani, Lieberman & Pavane  
551 Fifth Avenue, Suite 1210

City: New York State: NY ZIP: 10176

6. Total number of applications and patents involved:  
[1]

7. Total fee (37 C.F.R. 3.41) ..... \$ 40.00  
[ ] Enclosed  
[X] Authorized to be charged to deposit account

8. Deposit Acct No.: Lucent Technologies Inc. No. 12-2325  
(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.*

Lance J. Lieberman, Esq.

Name of Person Signing  
Reg. No. 28,437

Signature

August 20, 1998

Date

Total number of pages including cover sheet, attachments and document [4]

OMB No. 0651-0011 (exp. 4/84)

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Mail documents to be recorded with required cover sheet information to:  
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PATENT

REEL: 9400 FRAME: 0950

Y. Chiu 2-15

## ASSIGNMENT AND AGREEMENT

For value received, we, Yi-Jen Chiu, of Holmdel in the County of Monmouth and State of New Jersey, and John Hartung, of Warren in the County of Somerset and State of New Jersey, 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 **Motion Vector Estimation Based On Statistical Features Of An Image Frame** 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.

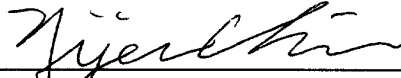
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit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

- 2 -

Y. Chiu 2-15


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.

  
\_\_\_\_\_  
Yi-Jen Chiu

Date: Aug. 19, 98

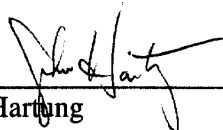
United States of America                    )  
State of New Jersey                    ) ss.:  
County of Union                        )

On this 19<sup>th</sup> day of August, 1998, before me personally came Yi-Jen Chiu, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

ANNA J. BRAZIL  
Notary Public of New Jersey  
Registered in Union County  
Commission Expires April 29, 2003

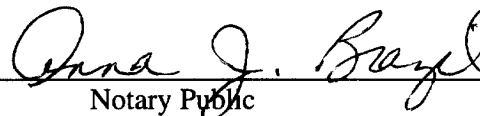
Y. Chiu 2-15

  
\_\_\_\_\_  
John Hartung

Date: 8/19/98

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

On this 19<sup>th</sup> day of August, 19 98, before me  
personally came John Hartung, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

**ANNA J. BRAZIL**  
Notary Public of New Jersey  
Registered in Union County  
My Commission Expires April 29, 2003

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