

MRD  
9-14-98

09-14-1998



100827637

To the Honorable Commissioner

attached original documents or copy thereof.

1. Name of conveying party(ies):

Kalavai J. Raghunath  
Marta M. Rambaud

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 08/24/98; 08/05/98

2. Name and Address of receiving party(ies)

Name: Lucent Technologies Inc.

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

Street Address: 600 Mountain Avenue

P.O. Box 636

City: Murray Hill State: NJ ZIP: 07974-0636

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

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: 08/24/98; 08/05/98

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: Steve Mendelsohn

Internal Address: Weiser & Associates, P.C.

Street Address: 230 S. 15th Street

Suite 500

City: Philadelphia State: PA ZIP: 19102

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:

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.

LAW OFFICES  
Weiser & Associates, P.C.  
SUITE 500  
230 SO. FIFTEENTH ST.  
PHILADELPHIA, PA 19102  
(215) 875-8384  
FACSIMILE (215) 875-8394

Ian M. Hughes  
Name of Person Signing

Ian M. Hughes  
Signature

August 24, 1998  
Date

Total number of pages including cover sheet, attachments, and document: 7

Raghunath 15-3  
990.0135

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20230

**PATENT**  
**REEL: 9439 FRAME: 0927**

ASSIGNMENT AND AGREEMENT

For value received, we:

Kalavai J. Raghunath of Chatham in the County of Morris and State of New Jersey,  
Marta M. Rambaud of Allentown in the County of Lehigh and State of Pennsylvania,

hereby sell, assign, and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, 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 **Apparatus And Method For Detecting An NTSC Signal In An HDTV Transmission Signal** described in an application for Letters Patent of the United States, executed by me 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.

LAW OFFICES  
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(215) 875-8383  
FACSIMILE (215) 875-8394

990.0135

PATENT  
REEL: 9439 FRAME: 0928

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 protections.

K. J. Raghunath  
Kalavai J. Raghunath

Date: 8/24/98

United States of America )  
State of New Jersey ) ss.: 471-21-9319  
County of Morris )

On this 24 day of August, 19 98, before me personally came Kalavai J. Raghunath, to me known to be the individual described in and who executed the foregoing instrument, and acknowledge execution of the same.

ALISON LEIGH DALY  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Oct. 3, 2000

Alison Leigh Daly  
Notary Public

Attorney Docket No.: Raghunath 15-3

\_\_\_\_\_  
Marta M. Rambaud

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, before me personally came Marta M. Rambaud, to me known to be the individual described in and who executed the foregoing instrument, and acknowledge execution of the same.

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

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PHILADELPHIA, PA 19102  
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ASSIGNMENT AND AGREEMENT

For value received, we:

Kalavai J. Raghunath of Chatham in the County of Morris and State of New Jersey,  
Marta M. Rambaud of Allentown in the County of Lehigh and State of Pennsylvania,

hereby sell, assign, and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, 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 **Apparatus And Method For Detecting An NTSC Signal In An HDTV Transmission Signal** described in an application for Letters Patent of the United States, executed by me 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.

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(215) 875-8383  
FACSIMILE (215) 875-8384

990.0135

**PATENT**  
**REEL: 9439 FRAME: 0931**

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 protections.

\_\_\_\_\_  
Kalavai J. Raghunath

Date: \_\_\_\_\_

United States of America )

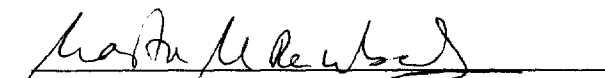
State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, before me personally came Kalavai J. Raghunath, to me known to be the individual described in and who executed the foregoing instrument, and acknowledge execution of the same.

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

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**Weiser & Associates, P.C.**  
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PHILADELPHIA, PA 19102  
(215) 875-8383  
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Marta M. Rambaud

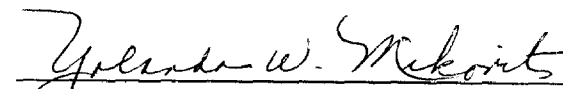
Date: 08/05/1998

United States of America )

State of Pennsylvania ) ss.:

County of Lehigh )

On this 5th day of August, 19 98, before me personally came Marta M. Rambaud, to me known to be the individual described in and who executed the foregoing instrument, and acknowledge execution of the same.

  
Yolanda W. Mikovits  
Notary Public

