



10-11-2001



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SAR 13763

FORM PTO-1595 (Rev. 6-93) Case No. 0651-0011 (exp. 4/94)

U.S. Department of Commerce Patent and Trademark Office

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

1. Name of conveying party(ies):

Aly E. Fathy  
Louis S. Napoli  
Francis J. McGinty  
David McGee

09/24/01  
8-201

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

3. Nature of conveyance:

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

Execution Date: 7/20/01 7/21/01 7/22/01

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

Name: Sarnoff Corporation

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

Street Address: 201 Washington Road

City: Princeton State: NJ Zip: 08540

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

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_ (Date of Filing)

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: Thomason, Moser and Patterson

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

Street Address: 595 Shrewsbury Avenue, Suite 100

City: Shrewsbury State: NJ Zip: 07702

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

04-0203

08/09/2001 BBYRME 00000155 040203 09845095

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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.

Abhik A. Hua  
Name of Person Signing

[Signature]  
Signature

7/30/01  
Date

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

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

ASSIGNMENT

I hereby declare that I am an inventor of the invention relating to  
**PLANAR POLARIZER FEED NETWORK FOR A DUAL CIRCULAR  
POLARIZED ANTENNA ARRAY**  
described in an application for Letters Patent of the United States of America

filed:

- herewith under the above-identified docket number.
- on April 27, 2001, under U.S. application serial no. 09/845,095.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign, and transfer to **SARNOFF CORPORATION**, a New Jersey corporation having a place of business at 201 Washington Road, Princeton, NJ 08540-6449, United States of America, its successors, and assigns, my entire right, title, and interest for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues, and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns, or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and, when requested by said corporation and at its expense, will generally do everything possible to aid said corporation, its successors, assigns, and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns, or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose and, more particularly, in proof of the right of said corporation or its successors, assigns, or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said corporation, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge, the right, title, and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Date 7-26-2001

By: ALY E FATHY  
Aly E. Fathy  
452 White Swan Way  
Langhorne, PA 19047

1<sup>st</sup> Witness Patricia Bennett  
(print or type)

(signature)  
(signature)

2<sup>nd</sup> Witness \_\_\_\_\_  
(print or type)

\_\_\_\_\_  
(signature)

Date: 7-25-01

By: *Louis S. Napoli*  
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1<sup>st</sup> Witness Sharyn M. Stevenson  
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*Sharyn M. Stevenson*  
(signature)

2<sup>nd</sup> Witness \_\_\_\_\_  
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\_\_\_\_\_  
(signature)

Date: 7-20-01

By: *Francis J. McGinty*  
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1<sup>st</sup> Witness Sharyn M. Stevenson  
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*Sharyn M. Stevenson*  
(signature)

2<sup>nd</sup> Witness \_\_\_\_\_  
(print or type)

\_\_\_\_\_  
(signature)

Date: 7/23/01

By: *David McGee*  
David McGee  
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1<sup>st</sup> Witness Sharyn M. Stevenson  
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*Sharyn M. Stevenson*  
(signature)

2<sup>nd</sup> Witness \_\_\_\_\_  
(print or type)

\_\_\_\_\_  
(signature)