

10-11-2002

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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 2023

Please record the attached original documents or copies thereof.

10-808

1. Name of conveying party(ies):  
**Vijay K. Varadan, Kalarickaparambil Vinoy, Jose A. Kollakompil,  
Vasundara V. Varadan**
2. Name and address of receiving party(ies):  
**The Penn State Research Foundation  
113 Technology Center, 200 Innovation Boulevard  
University Park, Pennsylvania 16802-7000**
3. Nature of conveyance:  

<u>XXXXX</u>	Assignment	_____	Merger
_____	Security Agreement	_____	Change of Name
_____	Other:	_____	

Execution Date: **September 6, 2002; September 6, 2002; September 6, 2002;  
August 30, 2002; respectively**
4. Application number(s) or application date(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Application No. B. Filing Date  
**09/894,973 June 28, 2001**
5. Name and address of party to whom correspondence concerning this document should be mailed:  

Paul D. Greeley, Esq.  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, Connecticut 06901-2682 U.S.A.
6. Total No. of applications and patents involved: 1.
7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.  

<u>X</u>	Enclosed
_____	Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. 01-0467. A duplicate copy of this Form is enclosed.

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.

Paul D. Greeley

Name of Person Signing

  
SignatureOctober 3, 2002

Date

Total number of pages including cover sheet, attachments and document: 4.

10/10/2002 GTOW11 00000148 09894973

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40.00 DP

**ASSIGNMENT**

FOR valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Vijay K. Varadan, a citizen of the United States of America, and a resident of State College, Pennsylvania, U.S.A. I, Kalarickaparambil Vinoy, a citizen of India and a resident of State College, Pennsylvania, U.S.A., I, Jose A. Kollakompil, a citizen of India and a resident of State College, Pennsylvania, U.S.A., and I, Vasundara V. Varadan, a citizen of the United States of America and a resident of State College, Pennsylvania, U.S.A., have invented certain new and useful improvements in

**MINIATURIZED CONFORMAL WIDEBAND FRACTAL ANTENNAS ON HIGH  
DIELECTRIC SUBSTRATES AND CHIRAL LAYERS**

hereby assigns to The Penn State Research Foundation, a Not for Profit organization, having its principal office 113 Technology Center, 200 Innovation Boulevard, University Park, Pennsylvania 16802-7000 (hereinafter referred to as "Assignee"), of the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including the rights to claim priority, and including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on June 28, 2001, and assigned U.S. Application Serial No. 09/894,973, and any continuation, divisions, continuation-in-part applications, inventor's certificate and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for their own use and behoof and for the use and behoof of their successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

AND WE COVENANT and AGREE and WARRANT that we have a full and unencumbered title to the invention hereby assigned, and we further covenant and

agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request without cost to us or further compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: Sep 20, 2002, 2001 Vijay K. Varadan  
By: Vijay K. Varadan

STATE OF Pennsylvania )  
 ) SS  
COUNTY OF Centre )

Sworn to before me this 20<sup>th</sup> day of September, 2001. <sup>2002</sup>

Ruth A. Harpster  
Notary Public

Date: 9/20/2002, 2001 Vinoy  
By: Kalarickaparambil Vinoy

Notarial Seal  
Ruth A. Harpster, Notary Public  
State College Boro, Centre County  
My Commission Expires July 10, 2003

STATE OF Pennsylvania )  
 ) SS  
COUNTY OF Centre )

Sworn to before me this 20<sup>th</sup> day of September, 2001. <sup>2002</sup>

Ruth A. Harpster  
Notary Public

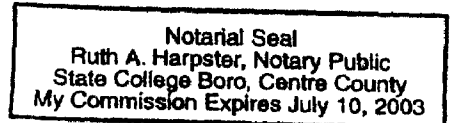
Notarial Seal  
Ruth A. Harpster, Notary Public  
State College Boro, Centre County  
My Commission Expires July 10, 2003

Date: Sept 20, 2002, 2001 Jose A. Kollakompil  
By: Jose A. Kollakompil

STATE OF Pennsylvania )  
COUNTY OF Centre ) SS

Sworn to before me this 20<sup>th</sup> day of September, 2002.

Ruth A. Harpster  
Notary Public



Date: September 17, 2002 Vasundara V. Varadan  
By: Vasundara V. Varadan

STATE OF VIRGINIA )  
COUNTY OF ARLINGTON ) SS

Sworn to before me this 17<sup>th</sup> day of September, 2002.

Lynn P. Whalen  
Notary Public

Subscribed Herein to My  
Commission of Virginia Notary Public Seal  
My Commission Expires December 31, 2002  
LYNN P. WHALEN