

1-31-92

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

1. Name of conveying party(ies):

Warren L. STUTZMAN

J. Randall NEALY

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

Name: VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Address: 319 Burruss Hall, Mail Code 0183

BLACKSBURG, VA 24061

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

3. Nature of Conveyance:

(X) Assignment

() Merger

() Security Agreement

() Change of Name

(X) Other Corrected assignment cover sheet to provide correct
execution date on reel 015372 frame 0641

Execution Date: 04/15/2004

Additional name(s) and address(s) attached? () Yes (X) 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:
B. Patent No.(s)

6,300,906

Additional numbers attached? () Yes (X) No

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

Name: Charles E. Wands, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

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Suite 507

City: Melbourne

State: Florida Zip: 32901

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

7. Total fee (37 CFR 3.41).....\$ 40.00

[] Enclosed

[X] Authorized to be charged to
Deposit account.

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required,
or, if any additional fee for claims is required.

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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.

Charles E. Wands

Name of Person Signing

Signature

January 10, 2005
Date

Total number of pages including cover sheet, attachments and document: [3]

700144304

PATENT
REEL: 015571 FRAME: 0114

CH \$40.00 010484 6300906

ASSIGNMENT

WHEREAS, Warren L. Stutzman and J. Randall Nealy, of Blacksburg, Virginia, (hereinafter referred to as ASSIGNORS), have invented certain new and useful improvements in an invention entitled:

**WIDEBAND PHASED ARRAY ANTENNA EMPLOYING INCREASED
PACKAGING DENSITY LAMINATE STRUCTURE CONTAINING FEED
NETWORK, BALUN AND POWER DIVIDER CIRCUITRY**

for which an application for United States Letters Patent Serial No. 09/477,853 has been filed on January 5, 2000; and

WHEREAS, Virginia Polytechnic Institute and State University, (hereinafter referred to as ASSIGNEE), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at Blacksburg, Virginia, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, ASSIGNORS have caused the hand of its proper office to be subscribed hereto this 15th day of April, 2004, 2002.

Witnessed by:

Wm A Dine

Warren L. Stutzman
By: Warren L. Stutzman

Witnessed by:

Wm A Dine

J. Randall Nealy
By: J. Randall Nealy