

05-14-2001

FORM PTO 1595 R

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1-31-92



Patent & Trademark Office

To the Honorable Commissioner of Patents and

101714032

original documents or copy thereof.

1. Name of conveying party(ies):

Walter w. WHYBREW

Brett A. PIGON

Gary RIEF

Gregory M. JANDZIO

Jay D. WARSHOWSKY

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: 4/4/01; 4/9/01; 4/16/01

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: 4/4/01; 4/9/01; 4/16/01

A. Patent application No. (s)

B. Patent No. (s)

Additional numbers attached? () Yes (X) No

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

Name: Christopher F. Regan, Esq.

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05/14/2001 GT0N11 00000090 080870 09849111

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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:

08-0870

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

May 4, 2001

Date

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

jc971 U.S. PTO 09/849111

A S S I G N M E N T

WHEREAS, **Walter M. Whybrew** of Palm Bay, Florida, and **Brett A. Pigon** of Palm Bay, Florida, and **Gary Rief** of Melbourne, Florida, and **Gregory M. Jandzio** of Melbourne, Florida, and **Jay D. Warshowsky** of Melbourne, Florida; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **Spatially Orthogonal Signal Distribution and Support Architecture for Multi-Beam Phased Array Antenna**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on even date herewith in the United States Patent and Trademark Office; and

WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE**