



09-24-2001



Attorney Docket No. HES B-465

PAT

101852702

N COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

Name of conveying party(ies):

Ahmet D. Ergene

09/18/01

Additional name(s) of conveying party(ies) attached?

Yes ___ No X

Name and address of receiving party(ies):

Harris Corporation

1025 West NASA Boulevard

City Melbourne

State Florida Zip Code 32919

Additional name(s) & address(es) attached?

Yes ___ No X

Nature of conveyance:

X Assignment

___ Security Agreement

___ Merger

___ Change of Name

Execution Date: (September 18, 2001)

Total number of applications and patents involved: 1

A. Patent Application No.(s)
and Filing Date(s)

B. Patent No.(s)

U.S. Patent Application S.N. 09/461,176

Filed: December 14, 1999

Additional numbers attached? Yes ___ No X

If this document is being filed together with a new application, the execution date of the application is: (Inventor Signed Comb Dec)

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

Name: L. Lawton Rogers, III

Address: CARTER, LEDYARD & MILBURN
1401 Eye Street, N.W., Suite 300
Washington, DC 20005

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 18-1835. A duplicate of this sheet is enclosed.

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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.

A handwritten signature in black ink, consisting of a large, stylized 'S' followed by a series of loops and a final flourish.

Signature

9-18-01

Date

(1) Ahmet D. Ergene
(2) _____
(1-4) Insert Name(s) of (3) _____
Inventor(s) (4) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations, the receipt of which is acknowledged by each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

(5) Insert name of Assignee (5) Harris Corporation
(6) Insert address of Assignee (6) 1025 West NASA Boulevard
Melbourne, Florida 32919

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefor in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

(7) Insert Identification of (7) MULTIPLE FREQUENCY REFLECTOR ANTENNA
Invention, such as Title,
Docket Number, or Foreign WITH MULTIPLE FEEDS (Docket No. HES B 463)
Application Number
(8) Insert date of signing of (8) _____
application
(9) Alternative identification (9) Application Number: 09/461,176
for filed applications Filed: December 14, 1999

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to L. Lawton Rogers, III, Reg. No. 24,302; D. Joseph English, Reg. No. 42,514; Mark C. Comtois, Reg. No. 46,285; and Patrick D. McPherson, Reg. No. 46,255 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Sept 18, 2001 Signature of Inventor *Donald E. Egan*

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____