

10-27-03

11-05-2003



Form PTO-1595 (Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

102592480

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

1. Name of conveying party(ies):

TEBBE, Dennis L.
SMYTH, Thomas P.
PROVO, Terry
RUGGIERO, Dara

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

2. Name and address of receiving party(ies)

Name: HARRIS CORPORATION

Internal Address:

Street Address: 1025 West NASA Boulevard

City: Melbourne State: FL Zip: 32919

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

3. Nature of conveyance:

- [x] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: 10/16/2003

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: 10/16/2003

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: Robert J. Sacco

Internal Address: AKERMAN SENTERFITT

P.O. Box 3188

Street Address: 222 Lakeview Avenue

Suite 400

City: West Palm Beach State: FL Zip: 33402-3188

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

7. Total fee (37 CFR 3.41).....\$ 40

- [] Enclosed
[x] Authorized to be charged to deposit account

8. Deposit account number:

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9. Signature.

Robert J. Sacco

Name of Person Signing

Signature

Date

10/27/03

Total number of pages including cover sheet, attachments, and documents: [4]

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Express Mail Label:

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PATENT

REEL: 014649 FRAME: 0472

22886 U.S. PTO 10/694468

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ASSIGNMENT

WHEREAS, WE Dennis L. Tebbe of Melbourne, Florida; Thomas P. Smyth of Palm Bay, Florida; Terry Provo of Indialantic, Florida; and Dara Ruggiero of Melbourne, Florida, all citizens of the United States of America, (hereinafter referred to as "ASSIGNORS"), are the inventors of certain invention or improvements in **METHOD OF FABRICATING AN RF SUBSTRATE WITH SELECTED ELECTRICAL PROPERTIES** executed by us on October 16, 2003, preparatory to obtaining United States Letters Patent therefore, and

WHEREAS, **HARRIS CORPORATION**, having its principal place of business at 1025 West NASA Boulevard, Melbourne, Florida, 32919 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention or improvements and in and to said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof:

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNORS hereby sell and assign to the ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations and extensions thereof; and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interests are concerned, to the ASSIGNEE.

The ASSIGNORS also hereby sell and assign to the ASSIGNEE, their successors and assigns, their foreign rights to the invention disclosed in said application, in all patent-granting countries of the world, including the right to file applications and obtain patents for said invention in their own name in said countries and including all rights of priority in said countries under the terms of the International Convention for the Protection of Industrial Property, and the ASSIGNORS further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

The ASSIGNORS also hereby agree, at the request and expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection for said invention in all countries.

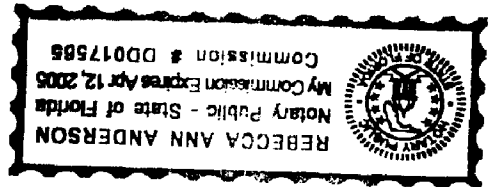
{WP152592;1}

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PATENT
REEL: 014649 FRAME: 0473

The ASSIGNORS also hereby grant J. Rodman Steele, Jr., Reg. No. 25,931; Gregory A. Nelson, Reg. No. 30,577; Joseph W. Bain, Reg. No. 34,290; Robert J. Sacco, Reg. No. 35,667; Stanley A. Kim, Reg. No. 42,730; Mark D. Passler, Reg. No. 40,764; Neil R. Jetter, Reg. No. 46,803; Kevin T. Cuenot, Reg. No. 46,283; Pablo Meles, Reg. No. 33,739; Terry Forsythe, Reg. No. 47,569; Mark Zylka, Reg. No. 48,518; Sarah E. Smith, Reg. No. 50,488; Amy A. Ostrom, Reg. No. 52,088; Michael K. Dixon, Reg. No. 46,665; Margaret McLaren, Reg. No. 53,303; and Brian K. Buchheit, Reg. No. 52,667, 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 U.S. Patent and Trademark Office for recordation of this document.

Dennis Tebbe 10/16/03
Dennis Tebbe Date



STATE OF FLORIDA)
COUNTY OF Brevard) SS

Before me on this 16th day of October, 2003, came Dennis Tebbe, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution thereof to be his/her free act and deed.

Personally known
 Produced identification

Rebecca Ann Anderson
Notary Signature
Print, type or stamp name of notary
(Seal)

Identification: _____

Thomas P. Smyth 10/16/03
Thomas P. Smyth Date



STATE OF FLORIDA)
COUNTY OF BREVARD) SS

Before me on this 16th day of October, 2003, came Thomas P. Smyth, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution thereof to be his/her free act and deed.

Personally known
 Produced identification

Rebecca Ann Anderson
Notary Signature
Print, type or stamp name of notary
(Seal)

Identification: _____

Terry Provo 10/16/03
Terry Provo Date



STATE OF FLORIDA)
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{WP152592;1}

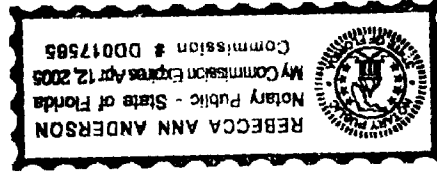
Before me on this 16th day of October, 2003, came Terry Provo, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution thereof to be his/her free act and deed.

Personally known
 Produced identification

Identification: _____

Rebecca Ann Anderson
Notary Signature
Print, type or stamp name of notary
(Seal)

Dara Ruggiero
Dara Ruggiero
Date 10/16/03



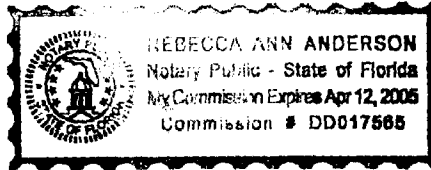
STATE OF FLORIDA)
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Before me on this 16th day of October, 2003, came Dara Ruggiero, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution thereof to be his/her free act and deed.

Personally known
 Produced identification

Identification: _____

Rebecca Ann Anderson
Notary Signature
Print, type or stamp name of notary
(Seal)



{WP152592:1}