

09-27-1999

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011(exp. 4/94)

RECC



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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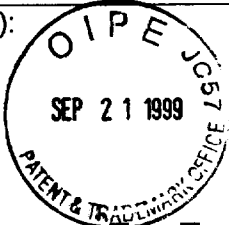
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Edwin Ray Twitchell

m 09-21-99

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



2. Name and address of receiving party(ies)

Name: Harris Corporation

Internal Address: _____

Street Address: 1025 West NASA Blvd.

City: Melbourne State: FL ZIP: 32919

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: September 13, 1999

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:

A. Patent Application No.(s)
Serial No. 09/340,835
Filed June 28, 1999

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Ronald M. Kachmarik

Internal Address: Tarolli, Sundheim, Covell,
Tummino & Szabo

Street Address: 526 Superior Avenue
1111 Leader Building

City: Cleveland State: Ohio ZIP: 44114-1400

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

Ronald M. Kachmarik
Name of Person Signing

Ronald M. Kachmarik
Signature

9/17/99
Date

GA-3638
Reg. No.: 34,512

3

Total Number of pages including cover sheet, attachments, and document
Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 010257 FRAME: 0916

ASSIGNMENT

WHEREAS, we, Edwin Ray Twitchell and James W. Hauser, of San Jose, County of Santa Clara, and State of California; and of Liberty Township, County of Butler, and State of Ohio, respectively, have made new and useful improvements in CONFIGURABLE EXCITER;

WHEREAS, Harris Corporation, a corporation duly organized and existing under the laws of the State of Delaware, having a place of business at Melbourne, County of Brevard, State of Florida, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said Edwin Ray Twitchell and James W. Hauser, do hereby assign, sell and set over unto the said Harris Corporation its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 09/340,835, filed June 28, 1999, for United States patent, all patents therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said Harris Corporation its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said Harris Corporation its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said Harris Corporation its successors or assigns.

Signed at Cupertino

County of Santa Clara and State of CA

this 13 day of September, 1999.

Edwin Ray Twitchell
Edwin Ray Twitchell

STATE OF CALIFORNIA
COUNTY OF SANTA CLARA SS:

On this 13TH day of SEPTEMBER, 1999.
Personally appeared before me Edwin Ray Twitchell to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



[Signature]
Notary Public

Signed at _____

County of _____ and State of _____

this _____ day of _____, 1999.

James W. Hauser

STATE OF

)

SS:

COUNTY OF

)

On this _____ day of _____, 1999.

Personally appeared before me James W. Hauser to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Notary Public