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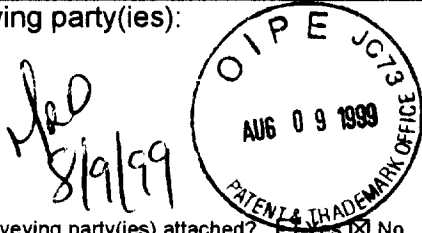
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To the Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party(ies):

Edwin Ray Twitchell



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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: July 16, 1999

Additional name(s) & address(es) attached? ☐ Yes ☒ 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:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 09/312,344

Filed May 14, 1999

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

GA-4060

Reg. No.: 34,512

Signature

8/4/99

Date

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

08/11/1999 VVAN11 00000115 09312344

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PATENT
REEL: 010151 FRAME: 0848

ASSIGNMENT

WHEREAS, we, Edwin Ray Twitchell, of San Jose, County of Santa Clara, and State of California; Wayne D. Duello, of Hamilton, County of Butler, and State of Ohio; and Robert J. Plonka, of Quincy, County of Adams, and State of Illinois have made new and useful improvements in BROADCAST TRANSMISSION SYSTEM WITH SAMPLING AND CORRECTION ARRANGEMENT FOR CORRECTING DISTORTION CAUSED BY AMPLIFYING AND SIGNAL CONDITIONING COMPONENTS;

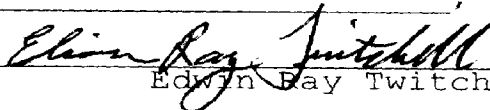
WHEREAS, Harris Corporation, a corporation duly organized and existing under the laws of the State of Delaware, having a place of business at Melbourne, County of Brevard, State of Florida, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor 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, Wayne D. Duello, and Robert J. Plonka, 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. 09/312,344, filed May 14, 1999, for all patents granted 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, CALIFORNIA

County of SANTA CLARA and State of CALIFORNIA

this 16TH day of JULY, 1999.


Edwin Ray Twitchell

STATE OF CALIFORNIA

COUNTY OF SANTA CLARA

On this 16TH day of JULY, 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.




MY COMM. EXP. MAY 17. MAY 2000.

Signed at _____

County of _____ and State of _____

this _____ day of _____, 1999.

Wayne D. Duello

STATE OF

}

COUNTY OF

On this _____ day of _____, 1999,
personally appeared before me Wayne D. Duello 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

Signed at _____

County of _____ and State of _____

this _____ day of _____, 1999.

Robert J. Plonka

STATE OF

}

COUNTY OF

On this _____ day of _____, 1999,
personally appeared before me Robert J. Plonka 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