

10-23-2003



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<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>August 27, 2003</u></p>	

16834 U.S. PTO 10/682721 101003

4. Application number(s) or patent number(s): *10682721*

If this document is being filed together with a new application, the execution date of the new application is: August 27, 2003

A. Patent Application No.(s):
NEW APPLICATION

B. Patent No.(s):

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>David T. Nikaido RADER, FISHMAN & GRAUER PLLC</u></p> <p>Internal Address: <u>Atty. Dkt.: JIM-0219</u></p> <p>Street Address: <u>1233 20th Street, N.W. Suite 501</u></p> <p>City: <u>Washington</u> State: <u>DC</u> Zip: <u>20036</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed)</p> <p>8. Deposit account number: <u>18-0013</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Carl Schaukowitz, Reg. No. 29,211 *[Signature]* October 10, 2003

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 2

10/22/2003 ECIPPER 00000149 1A0013 10682721

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Docket No. _____

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert
ASSIGNEE's
Name(s)
Address(es)]

SANYO ELECTRIC CO., LTD. residing at 5-5, Keihanhondori 2-chome,
Moriguchi-shi, Osaka, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of
Invention]

DIGITAL BROADCASTING RECEIVER

[*If the assignment
is being filed
after the filing of the
application, this
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completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on _____, Serial No. _____

(Rader, Fishman & Grauer, PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)
of Assignor(s)]

<u>Kiyoshi Matsumoto</u> (SIGNATURE)	<u>Kiyoshi MATSUMOTO</u> (TYPE NAME)	<u>2003. 8. 27</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
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_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)