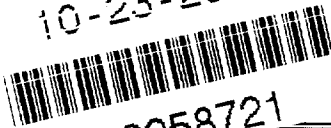


10-23-2002



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 J1050 U.S. PTO
 10/27/02
 10/17/02
Attorney Docket No. 021369U.S. DEPARTMENT OF COMMERCE
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Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

Submission type: XX New 10-17-0210/27/570Conveyance type: XX Assignment
Conveying Party(ies): (Last, First, Middle Initial) Execution Date
First party Name: **MORIYAMA, Masahiro** *October 2, 2002*Second party Name: **YANASE, Yasuo** *October 2, 2002*Third party Name: **INOUE, Tadashi** *October 2, 2002*

Fourth party Name:

Additional name(s) of conveying party(ies) attached? Yes ___ No X10/27/570**Receiving Party (ies):**
 First party Name: **SANYO ELECTRIC CO., LTD.**
 Address: 5-5, Keihanhondori 2-chome, Moriguchi-shi,
 Osaka, Japan
Additional name(s) & address(es) attached? Yes ___ No XX**Domestic Representative Name and Address** (Enter for the first Receiving Party only)
 ARMSTRONG, WESTERMAN & HATTORI, LLP
 1725 K Street, N.W., Suite 1000
 Washington, D.C. 20006

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 (10-21-2002 00000000 102/1570)
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Correspondent Name and Address

ARMSTRONG, WESTERMAN & HATTORI, LLP
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

Telephone: 202-659-2930

Pages Enter the total number of pages of the attached conveyance document: 1
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes ☐ No ☒
A. Patent Application No.(s) B. Patent No.(s)
##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: October 2, 2002
(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)Enter PCT application number only if

a U.S. Application Number has not been assigned

PCT

PCT

PCT

Number of Properties Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41). \$40.00

XX Enclosed☐ Authorized to be charged to Deposit Account No.: 01-2340**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.

William L. Brooks

Name of Person Signing

William L. Brooks

Signature

October 17, 2002

Date

34,129

Registration No.

Rev. 11/00

WLB/yap

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.

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)

**DISK RECORDING OR PLAYBACK DEVICE AND PROCESS FOR
ASSEMBLING THE DEVICE**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
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.

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the serial 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, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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

(Signatures)

Masahiro Moriyama
(Signature)

Masahiro MORIYAMA
(Type Name)

October 2, 2002
(Date)

Yasuo Yanase
(Signature)

Yasuo YANASE
(Type Name)

October 2, 2002
(Date)

Tadashi Inoue
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October 2, 2002
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(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

NO LEGALIZATION REQUIRED