



INTELLECTUAL PROPERTY
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December 3, 2002

Our File – SHX 334

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RECORDATION FORM COVER SHEET
PATENTS ONLY

Sir:

Enclosed for recordation in the records of the U.S. Patent and
Trademark Office is an original document with particulars as follows.

(1) Name of conveying parties: Takayuki Suzuki,
Masahiro Nakamura, Hideo Kobayashi, and Shinichi Shinohara.

(2) Name and address of receiving party: Origin Electric
Company, Limited, 18-1, Takada 1-chome, Toshima-ku, Tokyo, Japan.

(3) The nature of the conveyance is an assignment, which
was executed November 29, 2002

(4) This document is being filed with a new patent
application, which was signed by the first named inventor on November 29,
2002.

(5) Any and all correspondence concerning this document
should be addressed and mailed to the following.

Charles H. DeVoe
Kolisch, Hartwell, Dickinson, McCormack & Heuser
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Portland, Oregon 97204

PATENT
REEL: 013548 FRAME: 0957

12-10-2002
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JC978 U.S. PTO
10/309464
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(6) The total number of patent applications involved in this conveyance is one.

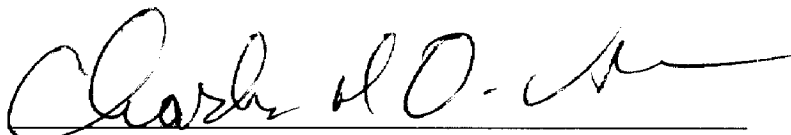
(7) Our check in the amount of \$864.00 to cover the application fee and recordation fee is enclosed, in accordance with 37 C.F.R. § 3.41.

(8) Please charge our Deposit Account No. 11-1540 for any additional fees which may be required. A duplicate of this sheet is enclosed.

(9) 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.

Respectfully submitted,

KOLISCH, HARTWELL, DICKINSON,
McCORMACK & HEUSER



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Enclosures

of Attorneys for Applicants

TOTAL NUMBER OF PAGES,
INCLUDING COVER SHEET,
ATTACHMENTS, AND DOCUMENT: 5



ASSIGNMENT

(1)Takayuki SUZUKI; (2)Masahiro NAKAMURA;
WHEREAS, we, (3)Hideo KOBAYASHI; and , of (1)Chiba;
(4)Shinichi SHINOHARA (2)Saitama; and , Japan,
(3)&(4)Tokyo

respectively, have invented certain improvements in,

METHOD AND APPARATUS FOR TREATING A DISC SUBSTRATE

for which we have executed an application for Letters Patent of the United States on the date

November 29, 2002

we executed this Assignment as hereinafter set forth.

Origin Electric Company,
WHEREAS, Limited , a Japanese corporation, having its
(Address: 18-1, Takada 1-chome, Toshima-ku, Tokyo, Japan)
principal place of business in Tokyo , Japan, is desirous of acquiring an interest

therein:

NOW, THEREFORE, for other good and valuable consideration, we the said

assignors , have sold, assigned, and transferred, and by these presents

do sell, assign, and transfer unto the said assignee , the full and exclusive right to

the said invention in the United States and its territorial possessions and in all foreign

countries and the entire right, title and interest in and to any and all Letters Patent which may

be granted therefor in the United States and its territorial possessions in any and all foreign

countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States

and any and all foreign countries to issue any and all of said Letters Patent, when granted, to

the said assignee , as the assignee of our entire right, title and interest in

and to the same, for the sole use of the said assignee , its successors and

assigns.

Further, we agree that we will communicate to the said assignee ,

or its representatives any facts known to us respecting said invention, and testify in any legal

proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the said assignee, make all rightful oaths and generally do everything possible to aid the said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of

November , 2002.

T. Suzuki
FIRST INVENTOR Takayuki SUZUKI

Witness:

Kanya Kaji

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of

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SECOND INVENTOR Masahiro NAKAMURA

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of
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Shinichi Shinozaki
FOURTH INVENTOR Shinichi SHINOHARA

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