

05-14-1999

AGE 1 of 4

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- (1) Minoru Tobita
(2) Shigemi Maeda
(3) Toshiaki Hioki
(4) Michio Matsuura

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance: 10-14-98

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

(1) 7-7-98; (2) 7-30-98, (3) 8-18-98 and
Execution Date (4) 8-25-98

2. Name and address of receiving party(ies):

Name: Sony Corporation

Internal Address:

Street Address: 7-35, Kitashinagawa 6-Chome

Shinagawa-Ku

City: Tokyo State: Japan Zip:

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)

USSN (09/100,406) filed June 19, 1998

Additional numbers attached? ☐ Yes ☒ No

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

Hill & Simpson, P.C.

85th Floor Sears Tower
233 S. Wacker Drive
Chicago, IL 60606

6. Total number of applications and patents involved

1

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

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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.

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October 9, 1998

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Name: Sharp Kabushiki Kaisha

Internal Address: _____

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☐ Other _____

(1) 7-7-98; (2) 7-30-98, (3) 8-18-98 and
Execution Date (4) 8-25-98Street Address: 22-22 Nagaike-choAbeno-kuCity: Osaka State: Japan Zip: _____Additional Name(s) & Address(es) attached ☒ Yes ☐ No

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

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B: Patent No.(s)

USSN 09/100,406 filed June 19, 1998

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
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233 S. Wacker Drive
Chicago, IL 60606

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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)

USSN 09/100,406 filed June 19, 1998

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Assignment

FOR VALUE RECEIVED Minoru TOBITA, Shigemi MAEDA, Toshiaki HIOKI, and
Michio MATSUURA

subject(s) of Japan

residing at Tokyo, Japan, Nara, Japan, Gifu, Japan, and Hyogo, Japan, respectively

hereby sell, assign, transfer and convey unto SONY CORPORATION, SHARP KABUSHIKI KAISHA,
SANYO ELECTRIC CO., LTD., and FUJITSU LIMITED

a corporation of Japan 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan

22-22, Nagaike-cho, Abeno-ku, Osaka, Japan

having a place of business at 2-chome 5-5 Keihanondori, Moriguchi-city, Osaka, Japan

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan
(hereinafter called the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, for all countries,
in and to certain inventions relating to

Optical Disc and Optical Disc Drive

and described in an application for Letters Patent of the United States

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which
may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent which may be filed, and all
Letters Patent which may be granted, upon said inventions in any countries foreign to the United States, and all reissues, renewals and
extensions thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and all officials of
countries foreign to the United States having authority so to do, to issue all Letters Patent upon said inventions to the Assignee, its
successors, assigns or legal representatives or to such nominee as it may designate.

AND we authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke
and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of
priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which
may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from

AND we hereby consent that copy of this assignment shall be deemed a full legal and formal equivalent of any assignment,
consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right
of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for
the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned
and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee, its successors, assigns and legal
representatives, all facts known to us, pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers,
execute all divisional, continuing and reissue applications, make all rightful oaths, and in general perform all lawful acts necessary or
proper to aid said Assignee, its successors, assigns and legal representatives or nominee in obtaining, maintaining and enforcing lawful
patent protection for said inventions, in any and all countries.

IN WITNESS WHEREOF, we hereunto set our hand and seal
this day of 19

Minoru Tobita July 7 1998
Minoru TOBITA

Shigemi Maeda July 30 1998
Shigemi MAEDA

Toshiaki Hiokei August 18 1998
Toshiaki HIOKI

Michio Matsuura August 25 1998
Michio MATSUURA

Witness: Keisuke Tanaka
Keisuke Tanaka

Address: c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo, Japan

Witness: Hideaki Sato
Hideaki Sato

Address: c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan

Witness: Kohji Araki
Kohji Araki

Address: c/o Sanyo Electric Co., Ltd., 2-chome 5-5 Keihanondori, Moriguchi-city,
Osaka, Japan

Witness: Yuka Jutori
Yuka Jutori

Address: c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,
Kanagawa, Japan

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