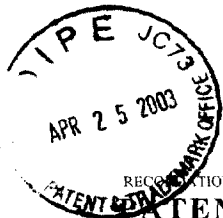


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Noriyoshi SUZUKI, Tomohisa HARADA,
Tsutayuki SHIBATA, Hisanori UDA,
Hiroaki HAYASHI and Nobuo ITOH

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: KABUSHIKI KAISHA TOYOTA CHUO
KENKYUSHO

Address: 41-1, Aza Yokomichi, Oaza Nagakute,
Nagakute-cho, Aichi-gun,
Aichi-ken, 480-1192, JAPAN

3. Nature of Conveyance:

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

Execution Date: April 2, 2002

04-30-2003



102434603

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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)

10/153,655

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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10/153,655

Assignment Of Application

Page 1 of 2

WHEREAS, I (WE)

(1) Noriyoshi SUZUKI c/o KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO
41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho,
Aichi-gun, Aichi-ken. 480-1192, JAPAN
(2) Tomohisa HARADA same as above
(3) Tsutayuki SHIBATA same as above
(4) Hisanori UDA same as above
(5) Hiroaki HAYASHI same as above
(6) Nobuo ITOH same as above

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

_____, respectively,
have invented certain new and useful improvements in: RECEIVER APPARATUS

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on April 2, 2002
(Application No. 10/153,655, filed May 24, 2002), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

(hereinafter referred to as "ASSIGNEE") having a place of business at: 41-1, Aza Yokomichi,
Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken, 480-1192, JAPAN
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto 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 and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: April 2, 2002

Noriyoshi Suzuki
(Signature of Inventor) Noriyoshi SUZUKI

Date: April 2, 2002

Tomohisa Harada
(Signature of Inventor) Tomohisa HARADA

Date: April 2, 2002

Tsutomu Shibata
(Signature of Inventor) Tsutomu SHIBATA

Date: April 2, 2002

Hisanori Uda
(Signature of Inventor) Hisanori UDA

Date: April 2, 2002

Hiroaki Hayashi
(Signature of Inventor) Hiroaki HAYASHI

Date: April 2, 2002

Nobuo Itoh
(Signature of Inventor) Nobuo ITOH

Date: _____

Nobuo Itoh
(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202