

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Tomoaki Itoh	08/08/2005
Junichi Sato	08/08/2005
Takao Yamaguchi	08/08/2005
Ichiro Takei	08/08/2005
Daiji Ido	08/08/2005

## RECEIVING PARTY DATA

Name:	Matsushita Electric Industrial Co., Ltd.
Street Address:	1006, Oaza Kadoma, Kadoma-shi,
City:	Osaka
State/Country:	JAPAN
Postal Code:	571-8501

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10547315

## CORRESPONDENCE DATA

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NAME OF SUBMITTER:

Chika Eda

Total Attachments: 2

PATENT

REEL: 017867 FRAME: 0810

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## ASSIGNMENT

WHEREAS, Tomoaki ITOH, a citizen of JAPAN, whose post office address is 3-8-8-410, Higashi-shinagawa, Shinagawa-ku, Tokyo 140-0002 Japan and Junichi SATO, a citizen of JAPAN, whose post office address is 460-310, Nogaya-machi, Machida-shi, Tokyo 195-0053 Japan, and Takao YAMAGUCHI, a citizen of JAPAN, whose post office address is 6-23, Naritanishimachi, Neyagawa-shi, Osaka 572-0005 Japan and Ichiro TAKEI, a citizen of JAPAN, whose post office address is 2-20-5-703, Higashirokugo, Ota-ku, Tokyo 144-0046 Japan and Daiji IDO, a citizen of JAPAN, whose post office address is 5-3-21-305, Oi, Shinagawa-ku, Tokyo 140-0014 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

### RECEPTION APPARATUS AND INFORMATION BROWSING METHOD

for which they have executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office, which is a National Stage Application of International Application No. PCT/JP2004/002125, filed on February 24, 2004.

AND WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefore, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

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AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective date indicated below.

Tomoaki Itoh

Tomoaki ITOH

August 8, 2005  
Date

Junichi Sato  
Junichi SATO

August 8, 2005  
Date

Takao Yamaguchi  
Takao YAMAGUCHI

August 8, 2005  
Date

Ichiro Takei  
Ichiro TAKEI

August 8, 2005  
Date

Daiji Ido  
Daiji IDO

August 8, 2005  
Date