

## PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Makoto Taromaru	04/11/2005
Takashi Ohira	04/20/2005
Takuma Sawaya	04/11/2005
Kyouichi Igusa	04/13/2005
Hiroki Tanaka	04/13/2005
Satoru Tawara	04/18/2005
Takashi Itoh	04/11/2005
Emi Morita	04/11/2005

## RECEIVING PARTY DATA

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## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11065832

## CORRESPONDENCE DATA

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PATENT  
REEL: 015976 FRAME: 0260

NAME OF SUBMITTER:

Joseph W. Price

Total Attachments: 4

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**PATENT**

**REEL: 015976 FRAME: 0261**

## ASSIGNMENT

**WHEREAS**, We, Makoto TAROMARU, Takashi OHIRA, Takuma SAWAYA, Kyouichi IIGUSA, Hiroki TANAKA, Satoru TAWARA, Takashi ITOH, and Emi MORITA,  
citizen of Japan, respectively, have invented certain new and useful improvements in a  
ANTENNA STRUCTURE AND TELEVISION RECEIVER, for which I have executed  
application for Letters Patent of the United States, assigned Serial No. 11/065,832  
filed 02/25/2005

**WHEREAS,** ADVANCED TELECOMMUNICATIONS RESEARCH  
INSTITUTE INTERNATIONAL., a corporation of Japan, having a principal place of business  
at 2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun, Kyoto 619-0288 Japan, is desirous of  
obtaining the entire right, title and interest in, to and under the said improvements and the said  
application,

**NOW, THEREFORE,** in consideration of the sum of One Hundred Yen (100¥) to us in hand  
paid, and other good and valuable consideration, the receipt of which is hereby acknowledged,  
We, Makoto TAROMARU, Takashi OHIRA, Takuma SAWAYA, Kyouichi IIGUSA, Hiroki  
TANAKA, Satoru TAWARA, Takashi ITOH, and Emi MORITA, have sold, assigned,  
transferred and set over, unto said ADVANCED TELECOMMUNICATIONS RESEARCH  
INSTITUTE INTERNATIONAL., its successors, legal representatives and assigns, the entire  
right, title and interest in, to and under said improvements, and said application and all  
divisions, renewals and continuations thereof, and all Letters Patents of the United States,  
which may be granted thereon and all reissues and extensions thereof, and all priority rights  
under the International Convention for the Protection of Industrial Property for every country  
of the Union, and all applications for Letters Patents which may hereafter be filed for said  
improvements in any country or countries foreign to the United States, and all Letters Patent

which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said ADVANCED TELECOMMUNICATIONS RESEARCH INSTITUTE INTERNATIONAL., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

**AND WE HEREBY** covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

**AND WE HEREBY** further covenant and agree that I will communicate to said ADVANCED TELECOMMUNICATIONS RESEARCH INSTITUTE INTERNATIONAL., its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ADVANCED TELECOMMUNICATIONS RESEARCH INSTITUTE INTERNATIONAL., LTD. its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day of

April, 2005

Makoto Taromaru

Makoto TAROMARU

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20th day of

April, 2005

Takashi Ohira

Takashi OHIRA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day of

April, 2005

Takuma Sawaya

Takuma SAWAYA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of

April, 2005

Kyouichi Iigusa

Kyouichi IIGUSA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of

April, 2005

Hiroki Tanaka

Hiroki TANAKA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day of

April, 2005

Satoru Tawara

Satoru TAWARA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day of

April, 2005

Takashi Itoh

Takashi ITOH

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day of

April, 2005

Emi Morita

Emi MORITA