

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Keisuke Aramaki	01/25/2007
Satoru Sugita	01/25/2007
Hiraku Akiho	02/02/2007

**RECEIVING PARTY DATA**

<b>Name:</b>	Sony Chemical & Information Device Corporation
<b>Street Address:</b>	Gate City Osaki East Tower 8F, 1-11-2, Osaki, Shinagawa-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	141-0032

<b>Name:</b>	Sony Corporation
<b>Street Address:</b>	7-35, Kitashinagawa 6-chome, Shinagawa-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	141-0001

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12367424

**CORRESPONDENCE DATA**

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OP \$40.00 12367424

ATTORNEY DOCKET NUMBER:

KOIKE-01901

NAME OF SUBMITTER:

Jonathan O. Owens

Total Attachments: 2

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ASSIGNMENT

WHEREAS, WE, Keisuke ARAMAKI, Satoru SUGITA, and Hiraku AKIHO hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

Date of execution of application: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Serial No.: \_\_\_\_\_

WHEREAS, SONY CHEMICAL & INFORMATION DEVICE CORPORATION, a Japanese corporation, Gate City Osaki East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo 141-0032 Japan.. and SONY CORPORATION, a Japanese corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan.,

hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

Keisuke Aramaki  
Name: Keisuke ARAMAKI

25 January 2007  
Date

Satoru Sugita  
Name: Satoru SUGITA

25 January 2007  
Date

Name: \_\_\_\_\_  
Hiraku AKIHO

Date

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared \_\_\_\_\_

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose names are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL

\_\_\_\_\_  
Signature of Notary Public

ASSIGNMENT

WHEREAS, WE, Keisuke ARAMAKI, Satoru SUGITA, and Hiraku AKIHO hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ANTENNA APPARATUS

Date of execution of application: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Serial No.: \_\_\_\_\_

WHEREAS, SONY CHEMICAL & INFORMATION DEVICE CORPORATION, a Japanese corporation, Gate City Osaki East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo 141-0032 Japan., and SONY CORPORATION, a Japanese corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan.,

hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

Name: Keisuke ARAMAKI

\_\_\_\_\_ Date

Name: Satoru SUGITA

\_\_\_\_\_ Date

Name: *Hiraku Akiho*  
Hiraku AKIHO

*2. Feb. 2007*  
\_\_\_\_\_ Date

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared \_\_\_\_\_

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose names are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL

\_\_\_\_\_  
Signature of Notary Public

PATENT