

10-24-2007



103455766

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 09812.0738  
Attorney Customer Number: 22,852

To the Director of the U.S. Patents and Trademark Office

and/or other documents or copy thereof.

1. Name of conveying parties:

1. Fumio KUBONO 3. Yoshihito ISHIBASHI  
2. Susumu KUSAKABE

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

2. Name and address of receiving party:

Name: SONY CORPORATION

Internal Address: 1-7-1 Konan, Minato-ku, Tokyo, Japan

3. Nature of conveyance/Execution Dates:

Execution Dates:

1. February 28, 2007 3. February 28, 2007  
2. March 4, 2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

Street Address:

City:

State:

Zip Code:

Additional name(s) & Address(es) attached?

☐ Yes

☐ No

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

☐ This document is being filed together with a new application.

A. Patent Application Number(s):

11/660,601

B. Patent Number(s):

Additional numbers attached?

☐ Yes

☒ No

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

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed (Please charge deficiency to deposit account)  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers: 00000066  
Expiration Date: 10/28/07 01/28/08  
b. Deposit Account No.: 06-0916

Authorized User Name

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

8. Statement and signature.

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.

David W. Hill

/David W. Hill/

Signature

October 5, 2007

Date

Total number of pages including cover sheet, attachments and documents: 7

# ASSIGNMENT

## 譲渡証書

下欄に氏名を記載した発明者である私／私達  
(以下譲渡人という)は、

私／私達が本譲渡証書と同時または\_\_\_\_年\_\_\_\_月\_\_\_\_日に米  
国特許証の出願を作成した、または

\_\_\_\_年\_\_\_\_月\_\_\_\_日に米国特許証の出願をした

(出願番号：\_\_\_\_\_)、

と題する発明を創出し；また

郵便住所が

である

の法人（以下譲受人という）は、本発明、  
本発明の米国特許証の出願、および本出願で  
発行される特許証についての全ての権利、権原、  
および利益の保護を要求する；

よって、有効な約因により譲受人による受け  
取りをここに確認し、譲渡人として私／私達  
は、譲受人、その適法な承継人および譲受人  
に、私／私達の本発明、本出願、全ての分割  
および継続出願、これらに基づいて付与される  
全ての米国特許証および再発行についての全ての権利、  
権原および利益を、売却、譲渡、移転および引  
き渡した、並びに売却、譲渡、移転およ  
び引き渡し；そして私／私達は、本譲渡証書の規定  
に基づき、米国特許商標庁長官に対し、本発明の  
全ての特許証を譲受人、その承継人および譲  
受人に発行する権限を与え、請求する；

WHEREAS We, the below named  
inventors, [hereinafter referred to as  
Assignors], have made an invention  
entitled: Communication Device and Method, and Program  
for which We executed an application for  
United States Letters Patent concurrently  
herewith or on \_\_\_\_\_ or filed  
an application for United States Letters  
Patent on February 20, 2007

(Serial No. \_\_\_\_\_); and

WHEREAS,

Sony Corporation

a corporation of Japan

whose post office address is:

1-7-1 Konan, Minato-ku

Tokyo, JAPAN

(hereinafter referred to as Assignee), is  
desirous of securing the entire right, title,  
and interest in and to this invention, the  
application for United States Letters Patent on  
this invention and the Letters Patent to be  
issued upon this application;

NOW THEREFORE, be it known that, for  
good and valuable consideration the receipt  
of which from Assignee is hereby  
acknowledged, WE, as Assignors, have  
sold, assigned, transferred, and set over, and  
do hereby sell, assign, transfer, and set over  
unto the Assignee, its successors and  
assigns, my/our entire right, title, and  
interest to this invention, and this  
application, and all divisions, and  
continuations thereof, and all Letters Patent  
of the United States which may be granted  
thereon, and all reissues thereof; and WE  
hereby authorize and request the  
Commissioner of Patents and Trademarks of

the United States to issue all Letters patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, We HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, We HEREBY authorize and request the attorneys We have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_ filed February 20, 2007) the filing date and application number of said application when known.

また、私／私達は、米国での本発明の適切な特許保護を獲得し、執行するため、さらなる約因なしに、私／私達が本発明に関して知るいかなる事実も譲受人、その承継人および譲受人に連絡し、またいかなる法的手続において証言し、要求された場合には全ての法的書類に署名し、本発明の権原を前記譲受人、その承継人および譲受人で完成するために必要または好ましい全ての書類を作成かつ引渡し、全ての分割、継続、及び再発行出願を作成し、あらゆる正当な宣誓を行い、また譲受人、その承継人および譲受人を援助するために可能な全てを行うことを約束し、同意し、そのような書類の作成に付随するいかなる費用も譲受人、その承継人および譲受人が負うものとする。

また、私／私達は、本出願の宣言書および委任状により委任権を付与した弁護士に対し、出願日および出願番号を、それらが明らかになった時点で以下の括弧内（出願番号：\_\_\_\_、出願日：\_\_\_\_）に挿入する権限を与え、請求する。

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  
WASHINGTON, D.C.

この証言にて、私/私達は署名した。

IN TESTIMONY WHEREOF, We have  
hereunto set our hand(s).

唯一または第1譲渡人の氏名	Full Name of Sole or First Assignor Fumio KUBONO	
譲渡人の署名	Assignor's Signature <i>Fumio K.</i>	Date February 28, 2007
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN	
国籍	Citizenship JAPAN	

第2譲渡人の氏名	Full Name of Second Assignor Susumu KUSAKABE	
譲渡人の署名	Assignor's Signature	Date
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN	
国籍	Citizenship JAPAN	

第3譲渡人の氏名	Full Name of Third Assignor Yoshihito ISHIBASHI	
譲渡人の署名	Assignor's Signature <i>Yoshihito Ishibashi</i>	Date February 28, 2007
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN	
国籍	Citizenship JAPAN	

# ASSIGNMENT

## 譲渡証書

下欄に氏名を記載した発明者である私/私達  
(以下譲渡人という)は、

私/私達が本譲渡証書と同時に\_\_\_\_年\_\_\_\_月\_\_\_\_日に米  
国特許証の出願を作成した、または  
\_\_\_\_年\_\_\_\_月\_\_\_\_日に米国特許証の出願をした  
(出願番号：\_\_\_\_\_)、

と題する発明を創出し；また  
郵便住所が

である\_\_\_\_\_

の法人（以下譲受人という）は、本発明、  
本発明の米国特許証の出願、および本出願で  
発行される特許証についての全ての権利、権原、  
および利益の保護を要求する；

よって、有効な約因により譲受人による受け  
取りをここに確認し、譲渡人として私/私達  
は、譲受人、その適法な承継人および譲受人  
に、私/私達の本発明、本出願、全ての分割  
および継続出願、これらに基づいて付与される  
全ての米国特許証および再発行についての全ての権利、  
権原および利益を、売却、譲渡、移転および引  
き渡した、並びに売却、譲渡、移転およ  
び引き渡し；そして私/私達は、本譲渡証書の規定  
に基づき、米国特許商標庁長官に対し、本発明の  
全ての特許証を譲受人、その承継人および譲  
受人に発行する権限を与え、請求する；

WHEREAS We, the below named  
inventors, [hereinafter referred to as  
Assignors], have made an invention  
entitled: Communication Device and Method, and Program  
for which We executed an application for  
United States Letters Patent concurrently  
herewith or on \_\_\_\_\_ or filed  
an application for United States Letters  
Patent on February 20, 2007  
(Serial No. \_\_\_\_\_); and  
WHEREAS,  
Sony Corporation  
a corporation of Japan  
whose post office address is:  
1-7-1 Konan, Minato-ku  
Tokyo, JAPAN  
(hereinafter referred to as Assignee), is  
desirous of securing the entire right, title,  
and interest in and to this invention, the  
application for United States Letters Patent on  
this invention and the Letters Patent to be  
issued upon this application;

NOW THEREFORE, be it known that, for  
good and valuable consideration the receipt  
of which from Assignee is hereby  
acknowledged, WE, as Assignors, have  
sold, assigned, transferred, and set over, and  
do hereby sell, assign, transfer, and set over  
unto the Assignee, its successors and  
assigns, my/our entire right, title, and  
interest to this invention, and this  
application, and all divisions, and  
continuations thereof, and all Letters Patent  
of the United States which may be granted  
thereon, and all reissues thereof; and WE  
hereby authorize and request the  
Commissioner of Patents and Trademarks of

the United States to issue all Letters patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, We HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, We HEREBY authorize and request the attorneys We have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_ filed February 20, 2007) the filing date and application number of said application when known.

また、私／私達は、米国での本発明の適切な特許保護を獲得し、執行するため、さらなる約因なしに、私／私達が本発明に関して知るいかなる事実も譲受人、その承継人および譲受人に連絡し、またいかなる法的手続において証言し、要求された場合には全ての法的書類に署名し、本発明の権原を前記譲受人、その承継人および譲受人で完成するために必要または好ましい全ての書類を作成かつ引渡し、全ての分割、継続、及び再発行出願を作成し、あらゆる正当な宣誓を行い、また譲受人、その承継人および譲受人を援助するために可能な全てを行うことを約束し、同意し、そのような書類の作成に付随するいかなる費用も譲受人、その承継人および譲受人が負うものとする。

また、私／私達は、本出願の宣言書および委任状により委任権を付与した弁護士に対し、出願日および出願番号を、それらが明らかになった時点で以下の括弧内（出願番号：\_\_\_\_、出願日：\_\_\_\_）に挿入する権限を与え、請求する。

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  
WASHINGTON, D.C.

この証言にて、私/私達は署名した。

IN TESTIMONY WHEREOF, We have  
hereunto set our hand(s).

唯一または第1譲渡人の氏名	Full Name of Sole or First Assignor Fumio KUBONO
譲渡人の署名	Assignor's Signature
日付	Date
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN
国籍	Citizenship JAPAN

第2譲渡人の氏名	Full Name of Second Assignor Susumu KUSAKABE
譲渡人の署名	Assignor's Signature
日付	Date
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN
国籍	Citizenship JAPAN

第3譲渡人の氏名	Full Name of Third Assignor Yoshihito ISHIBASHI
譲渡人の署名	Assignor's Signature
日付	Date
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN
国籍	Citizenship JAPAN

# ASSIGNMENT

## 譲渡証書

下欄に氏名を記載した発明者である私／私達  
(以下譲渡人という)は、

私／私達が本譲渡証書と同時または\_\_\_\_年\_\_\_\_月\_\_\_\_日に米  
国特許証の出願を作成した、または

\_\_\_\_年\_\_\_\_月\_\_\_\_日に米国特許証の出願をした  
(出願番号：\_\_\_\_\_)、

と題する発明を創出し；また  
郵便住所が

である\_\_\_\_\_

の法人（以下譲受人という）は、本発明、  
本発明の米国特許証の出願、および本出願で  
発行される特許証についての全ての権利、権原、  
および利益の保護を要求する；

よって、有効な約因により譲受人による受け  
取りをここに確認し、譲渡人として私／私達  
は、譲受人、その適法な承継人および譲受人  
に、私／私達の本発明、本出願、全ての分割  
および継続出願、これらに基づいて付与される  
全ての米国特許証および再発行についての全ての権利、  
権原および利益を、売却、譲渡、移転および引  
き渡した、並びに売却、譲渡、移転およ  
び引き渡し；そして私／私達は、本譲渡証書の規定  
に基づき、米国特許商標庁長官に対し、本発明の  
全ての特許証を譲受人、その承継人および譲  
受人に発行する権限を与え、請求する；

WHEREAS We, the below named  
inventors, [hereinafter referred to as  
Assignors], have made an invention  
entitled: Communication Device and Method, and Program  
for which We executed an application for  
United States Letters Patent concurrently  
herewith or on \_\_\_\_\_ or filed  
an application for United States Letters  
Patent on February 20, 2007  
(Serial No. \_\_\_\_\_); and  
WHEREAS,  
Sony Corporation  
a corporation of Japan  
whose post office address is:  
1-7-1 Konan, Minato-ku  
Tokyo, JAPAN  
(hereinafter referred to as Assignee), is  
desirous of securing the entire right, title,  
and interest in and to this invention, the  
application for United States Letters Patent on  
this invention and the Letters Patent to be  
issued upon this application;

NOW THEREFORE, be it known that, for  
good and valuable consideration the receipt  
of which from Assignee is hereby  
acknowledged, WE, as Assignors, have  
sold, assigned, transferred, and set over, and  
do hereby sell, assign, transfer, and set over  
unto the Assignee, its successors and  
assigns, my/our entire right, title, and  
interest to this invention, and this  
application, and all divisions, and  
continuations thereof, and all Letters Patent  
of the United States which may be granted  
thereon, and all reissues thereof; and WE  
hereby authorize and request the  
Commissioner of Patents and Trademarks of



the United States to issue all Letters patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, We HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, We HEREBY authorize and request the attorneys We have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_ filed February 20, 2007) the filing date and application number of said application when known.

また、私／私達は、米国での本発明の適切な特許保護を獲得し、執行するため、さらなる約因なしに、私／私達が本発明に関して知るいかなる事実も譲受人、その承継人および譲受人に連絡し、またいかなる法的手続において証言し、要求された場合には全ての法的書類に署名し、本発明の権原を前記譲受人、その承継人および譲受人で完成するために必要または好ましい全ての書類を作成かつ引渡し、全ての分割、継続、及び再発行出願を作成し、あらゆる正当な宣誓を行い、また譲受人、その承継人および譲受人を援助するために可能な全てを行うことを約束し、同意し、そのような書類の作成に付随するいかなる費用も譲受人、その承継人および譲受人が負うものとする。

また、私／私達は、本出願の宣言書および委任状により委任権を付与した弁護士に対し、出願日および出願番号を、それらが明らかになった時点で以下の括弧内（出願番号：\_\_\_\_、出願日：\_\_\_\_）に挿入する権限を与え、請求する。

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  
WASHINGTON, D.C.

この証言にて、私/私達は署名した。

IN TESTIMONY WHEREOF, We have  
hereunto set our hand(s).

唯一または第1譲渡人の氏名	Full Name of Sole or First Assignor Fumio KUBONO	
譲渡人の署名	Assignor's Signature <i>Fumio K.</i>	Date February 28, 2007
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN	
国籍	Citizenship JAPAN	

第2譲渡人の氏名	Full Name of Second Assignor Susumu KUSAKABE	
譲渡人の署名	Assignor's Signature	Date
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN	
国籍	Citizenship JAPAN	

第3譲渡人の氏名	Full Name of Third Assignor Yoshihito ISHIBASHI	
譲渡人の署名	Assignor's Signature <i>Yoshihito Ishibashi</i>	Date February 28, 2007
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN	
国籍	Citizenship JAPAN	

# ASSIGNMENT

## 譲渡証書

下欄に氏名を記載した発明者である私/私達  
(以下譲渡人という)は、

私/私達が本譲渡証書と同時または\_\_\_\_年\_\_\_\_月\_\_\_\_日に米  
国特許証の出願を作成した、または  
\_\_\_\_年\_\_\_\_月\_\_\_\_日に米国特許証の出願をした  
(出願番号: \_\_\_\_\_)、

と題する発明を創出し; また  
郵便住所が

である \_\_\_\_\_

の法人 (以下譲受人という) は、本発明、  
本発明の米国特許証の出願、および本出願で  
発行される特許証についての全ての権利、権原、  
および利益の保護を要求する;

よって、有効な約因により譲受人による受け  
取りをここに確認し、譲渡人として私/私達  
は、譲受人、その適法な承継人および譲受人  
に、私/私達の本発明、本出願、全ての分割  
および継続出願、これらに基づいて付与される  
全ての米国特許証および再発行についての全ての権利、  
権原および利益を、売却、譲渡、移転および引  
き渡しした、並びに売却、譲渡、移転およ  
び引き渡し; そして私/私達は、本譲渡証書の規定  
に基づき、米国特許商標庁長官に対し、本発明の  
全ての特許証を譲受人、その承継人および譲  
受人に発行する権限を与え、請求する;

WHEREAS We, the below named  
inventors, [hereinafter referred to as  
Assignors], have made an invention  
entitled: Communication Device and Method, and Program  
for which We executed an application for  
United States Letters Patent concurrently  
herewith or on \_\_\_\_\_ or filed  
an application for United States Letters  
Patent on February 20, 2007  
(Serial No. \_\_\_\_\_); and  
WHEREAS,  
Sony Corporation  
a corporation of Japan  
whose post office address is:  
1-7-1 Konan, Minato-ku  
Tokyo, JAPAN  
(hereinafter referred to as Assignee), is  
desirous of securing the entire right, title,  
and interest in and to this invention, the  
application for United States Letters Patent on  
this invention and the Letters Patent to be  
issued upon this application;

NOW THEREFORE, be it known that, for  
good and valuable consideration the receipt  
of which from Assignee is hereby  
acknowledged, WE, as Assignors, have  
sold, assigned, transferred, and set over, and  
do hereby sell, assign, transfer, and set over  
unto the Assignee, its successors and  
assigns, my/our entire right, title, and  
interest to this invention, and this  
application, and all divisions, and  
continuations thereof, and all Letters Patent  
of the United States which may be granted  
thereon, and all reissues thereof; and WE  
hereby authorize and request the  
Commissioner of Patents and Trademarks of

the United States to issue all Letters patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, We HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, We HEREBY authorize and request the attorneys We have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_ filed February 20, 2007) the filing date and application number of said application when known.

また、私／私達は、米国での本発明の適切な特許保護を獲得し、執行するため、さらなる約因なしに、私／私達が本発明に関して知るいかなる事実も譲受人、その承継人および譲受人に連絡し、またいかなる法的手続において証言し、要求された場合には全ての法的書類に署名し、本発明の権原を前記譲受人、その承継人および譲受人で完成するために必要または好ましい全ての書類を作成かつ引渡し、全ての分割、継続、及び再発行出願を作成し、あらゆる正当な宣誓を行い、また譲受人、その承継人および譲受人を援助するために可能な全てを行うことを約束し、同意し、そのような書類の作成に付随するいかなる費用も譲受人、その承継人および譲受人が負うものとする。

また、私／私達は、本出願の宣言書および委任状により委任権を付与した弁護士に対し、出願日および出願番号を、それらが明らかになった時点で以下の括弧内（出願番号：\_\_\_\_、出願日：\_\_\_\_）に挿入する権限を与え、請求する。

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  
WASHINGTON, D.C.

この証言にて、私/私達は署名した。

IN TESTIMONY WHEREOF, We have  
hereunto set our hand(s).

唯一または第1譲渡人の氏名	Full Name of Sole or First Assignor Fumio KUBONO		
譲渡人の署名	日付	Assignor's Signature	Date
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN		
国籍	Citizenship JAPAN		

第2譲渡人の氏名	Full Name of Second Assignor Susumu KUSAKABE		
譲渡人の署名	日付	Assignor's Signature <i>Susumu Kusakabe</i>	Date <i>March 4, 2007</i>
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN		
国籍	Citizenship JAPAN		

第3譲渡人の氏名	Full Name of Third Assignor Yoshihito ISHIBASHI		
譲渡人の署名	日付	Assignor's Signature	Date
住所	Address c/o Sony Corporation 1-7-1 Konan, Minato-ku, Tokyo, JAPAN		
国籍	Citizenship JAPAN		