

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3054792

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUKIO HIRAOKA	10/02/2014
TAKANOBU TSUZAKI	10/02/2014
SYUUJI KONDOH	10/02/2014
SHINYA KONDO	10/02/2014
AKIHIRO FUJII	10/02/2014
HIROTAKA OKAMOTO	10/02/2014
TOMOHIRO ASAZUMA	10/02/2014
HIRAKU ASAKURA	10/02/2014
RECEIVING PARTY DATA	
Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-8001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14358873
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(703) 413-3000
Email:	mkassaye@oblon.com
Correspondent Name:	OBLON, SPIVAK, ET AL.
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	435231US20PCTASSIGNMENT
NAME OF SUBMITTER:	MESFIN KASSAYE
SIGNATURE:	/Mesfin Kassaye/
DATE SIGNED:	10/07/2014

PATENT

Total Attachments: 8

source=435231US20PCTASSIGNMENT#page1.tif

source=435231US20PCTASSIGNMENT#page2.tif

source=435231US20PCTASSIGNMENT#page3.tif

source=435231US20PCTASSIGNMENT#page4.tif

source=435231US20PCTASSIGNMENT#page5.tif

source=435231US20PCTASSIGNMENT#page6.tif

source=435231US20PCTASSIGNMENT#page7.tif

source=435231US20PCTASSIGNMENT#page8.tif

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))
Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

AIR-CONDITIONING CONTROL DEVICE, AIR-CONDITIONING CONTROL METHOD, AND
COMPUTER PROGRAM PRODUCT

relating to International Patent Application PCT/JP2012/065399 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on May 16, 2014

Serial No. 14/358,873

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Yukio Hiraoka</u> (Signature)	<u>Yukio HIRAOKA</u> (Type Name)	<u>Oct. 02, 2014</u> (Date)
2) _____ (Signature)	<u>Takanobu TSUZAKI</u> (Type Name)	_____ (Date)
3) _____ (Signature)	<u>Syuji KONDOH</u> (Type Name)	_____ (Date)
4) _____ (Signature)	<u>Shinya KONDO</u> (Type Name)	_____ (Date)
5) _____ (Signature)	<u>Akihiro FUJII</u> (Type Name)	_____ (Date)

6)	_____	Hiroataka OKAMOTO	_____
	(Signature)	(Type Name)	(Date)
7)	_____	Tomohiro ASAZUMA	_____
	(Signature)	(Type Name)	(Date)
8)	_____	Hiraku ASAKURA	_____
	(Signature)		

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

AIR-CONDITIONING CONTROL DEVICE, AIR-CONDITIONING CONTROL METHOD, AND
COMPUTER PROGRAM PRODUCT

relating to International Patent Application PCT/JP2012/065399 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____;

(Insert date of execution of application, if not concurrent)

(b) filed on May 16, 2014

Serial No. 14/ 358,873

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) _____ (Signature)	Yukio HIRAOKA (Type Name)	_____ (Date)
2) <u>Takanobu Tsuzaki</u> (Signature)	Takanobu TSUZAKI (Type Name)	<u>Oct. 02, 2014</u> (Date)
3) <u>Syuuji Kondoh</u> (Signature)	Syuuji KONDOH (Type Name)	<u>Oct. 02, 2014</u> (Date)
4) <u>Shinya Kondo</u> (Signature)	Shinya KONDO (Type Name)	<u>Oct. 02, 2014</u> (Date)
5) <u>Akihiro Fujii</u> (Signature)	Akihiro FUJII (Type Name)	<u>Oct. 02, 2014</u> (Date)

6)	<u>Hiroataka Okamoto</u> (Signature)	<u>Hiroataka OKAMOTO</u> (Type Name)	<u>Oct.02, 2014</u> (Date)
7)	<u></u> (Signature)	<u>Tomohiro ASAZUMA</u> (Type Name)	<u></u> (Date)
8)	<u></u> (Signature)	<u>Hiraku ASAKURA</u> (Type Name)	<u></u> (Date)

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

AIR-CONDITIONING CONTROL DEVICE, AIR-CONDITIONING CONTROL METHOD, AND

COMPUTER PROGRAM PRODUCT

relating to International Patent Application PCT/JP2012/065399 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____;

(Insert date of execution of application, if not concurrent)

(b) filed on May 16, 2014

Serial No. 14/ 358,873

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) _____ (Signature)	Yukio HIRAOKA (Type Name)	_____ (Date)
2) _____ (Signature)	Takanobu TSUZAKI (Type Name)	_____ (Date)
3) _____ (Signature)	Syuuji KONDOH (Type Name)	_____ (Date)
4) _____ (Signature)	Shinya KONDO (Type Name)	_____ (Date)
5) _____ (Signature)	Akihiro FUJII (Type Name)	_____ (Date)

6)	<hr/>	Hiroataka OKAMOTO	<hr/>
	(Signature)	(Type Name)	(Date)
7)	Tomohiro Asazuma	Tomohiro ASAZUMA	Oct.02, 2014
	(Signature)	(Type Name)	(Date)
8)	<hr/>	Hiraku ASAKURA	<hr/>
	(Signature)		

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))
Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

AIR-CONDITIONING CONTROL DEVICE, AIR-CONDITIONING CONTROL METHOD, AND
COMPUTER PROGRAM PRODUCT

relating to International Patent Application PCT/JP2012/065399 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____

(Insert date of execution of application, if not concurrent)

(b) filed on May 16, 2014

Serial No. 14/ 358,873

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) _____ (Signature)	Yukio HIRAOKA (Type Name)	_____ (Date)
2) _____ (Signature)	Takanobu TSUZAKI (Type Name)	_____ (Date)
3) _____ (Signature)	Syuuji KONDOH (Type Name)	_____ (Date)
4) _____ (Signature)	Shinya KONDO (Type Name)	_____ (Date)
5) _____ (Signature)	Akihiro FUJII (Type Name)	_____ (Date)

6)	<u>(Signature)</u>	<u>Hiroataka OKAMOTO</u> (Type Name)	<u>(Date)</u>
7)	<u>(Signature)</u>	<u>Tomohiro ASAZUMA</u> (Type Name)	<u>(Date)</u>
8)	<u>Hiraku Asakura</u> (Signature)	<u>Hiraku ASAKURA</u>	<u>Oct.02, 2014</u>