# 503008192 10/07/2014

# PATENT ASSIGNMENT COVER SHEET

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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

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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14358873

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ATTORNEY DOCKET NUMBER:	435231US20PCTASSIGNMENT
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SIGNATURE:	/Mesfin Kassaye/
DATE SIGNED:	10/07/2014
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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, Toky	yo 105-8001 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which is hereb ASSIGNEE the entire and exclusive right, title and interest (Title of Invention) AIR-CONDITIONING CONTROL DEVICE	est to the invention entitled	
COMPUTER PROGRAM PRODUCT		turnario, <del>deli pare e resolucio</del> del constitució de la constituci
relating to International Patent Application PCT/JP2012 executed on even date herewith or, if not so executed, we	33)	
(a) executed on;	(insert date of execution of appli	ication, if not concurrent)
(b) filed on <u>May 16, 2014</u> Serial No. <u>14/ 358,873</u>	Assignee's attorney is hereb data, when known.	y authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the Us substitute, reissue or reexamination application based the including any extensions thereof (collectively, hereinafter	ercon, for the full term or terms for which the er, "said application(s) and Letters Patent(s	e said Editers Patent(2) tray of Brained and
The ASSIGNOR agree(s), when requested by said Al which the ASSIGNEE may deem necessary, desirable or including in the preparation and prosecution of said apprexamination, or public use proceeding, and in any little acts to include but not be limited to executing all papers sworn testimony, and obtaining and producing evidence	r expedient, for securing, maintaining and of lication(s) and the issuance of said Letters I ation or other legal proceeding which may a , including separate assignments and declar	emoreing protection in sale invention, Patent(s), in any interference, reissue, irise or be declared in relation to same, suc- rations, taking all rightful oaths, providing
IN WITNESS WHEREOF, the undersigned inventor	(s) has (have) affixed his/her/their signatur	
1) Muleio Hiraolea (Signature)	Yukio HIRAOKA (Type Name)	Oct.02, 2014 (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)

()		Hirotaka OKAMOTO		
6)	(Signature)	(Type Name)	(Date)	
7)		Tomohiro ASAZUMA		
/)	(Signature)	(Type Name)	(Date)	
8)		Hiraku ASAKURA		
0)	(Signature)			

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1-1, Shibaura 1-chome, Minato-ku, Toky	yo 105-8001 Japan	
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COMPUTER PROGRAM PRODUCT		
relating to International Patent Application PCT/JP2012 executed on even date herewith or, if not so executed, we	as:	
(a) executed on;	(Insert date of execution of applica	tion, (f not concurrent)
(b) filed on <u>May 16, 2014</u> Serial No. <u>14/ 358,873</u>	Assigned's attorney is hereby a data, when known.	uthorized to insert in (h) the specified
and to said application and all Letters Patent(s) of the Ut substitute, reissue or reexamination application based the including any extensions thereof (collectively, hereinafter	ereon, for the full term or terms for which the set, "said application(s) and Letters Patent(s)").	and Letters raterits) may be granted and
The ASSIGNOR agree(s), when requested by said A which the ASSIGNEE may deem necessary, desirable o including in the preparation and prosecution of said app reexamination, or public use proceeding, and in any litting acts to include but not be limited to executing all papers sworn testimony, and obtaining and producing evidence IN WITNESS WHEREOF, the undersigned inventor	r expedient, for securing, maintaining and ent lication(s) and the issuance of said Letters Pat ation or other legal proceeding which may aris , including separate assignments and declarati	oreing protection for said invention, ent(s), in any interference, e or be declared in relation to same, such one, taking all rightful oaths, providing
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(Signature)	Yukio HIRAOKA (T):pe Name)	(Date)
	Takanobu TSUZAKI	Oct.02, 2014
2) Takanobu Tsuzaki (Signarure)	Character Manager	(Date)
3) Syunji Kondoh	Syuuji KONDOH	oct.02, 2014
(Signature)	(Type Name)	(Date)
4) Shinya Kondo	Shinya KONDO	Oct.02, 2014
(Signature)  3) Syuu)i Kondoh  (Signature)  4) Shinya Kondo  (Signature)  5) AKihiro Fujii (Signature)	<i>(Type Name)</i> Akihiro FUJII	Oct.02, 2014
(Signature)	(Type Name)	(Date)

6)	Hirwtaka Obamoto	Hirotaka OKAMOTO	Oct.02, 2014
٠, ـ	(Signature)	(Type Name)	(Date)
7)_	(Signature)	Tomohiro ASAZUMA (Type Name)	(Date)
8).	(Signature)	Hiraku ASAKURA	essentativa ang ara samaninahan na endunya kenangahan ang ang ang ang ang ang ang ang ang a

inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	altar (\$1.00), and of other good and valuable con-	sideration paid to the disconstitute
Kabushiki Kaisha Toshiba  1-1, Shibaura 1-chome, Minato-ku,	Tokvo 105-8001 Japan	
1-1, Shibaura 1-chome, Minato Ka,	ronge to do to page	
ASSIGNEE the entire and exclusive right, title and	thereby acknowledged, the undersigned ASSIGNOR interest to the invention entitled  EVICE, AIR-CONDITIONING CONTROLLER	
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relating to International Patent Application PCT/JP executed on even date herewith or, if not so execut	2012/065399 and/or for which application for Lette ed, was:	ers Patent of the United States was
(a) executed on	; (Insert date of execution of applicati	on, if not concurrent)
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which the ASSIGNEE may deem necessary, desired including in the preparation and prosecution of sail	aid ASSIGNEE and without charge to but at the expe able or expedient, for securing, maintaining and enfor d application(s) and the issuance of said Letters Pater y litigation or other legal proceeding which may arise papers, including separate assignments and declaration dence.	reing protection for said invention, at(s), in any interference, reissue, or be declared in relation to same, suc
IN WITNESS WHEREOF, the undersigned in	ventor(s) has (have) affixed his/her/their signature(s).	
1)	Yukio HIRAOKA	
(Signature)	(Type Name)	(Date)
2)(Signature)	Takanobu TSUZAKI (Type Name)	(Date)
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(Signature)	Syuuji KONDOH (Type Name)	(Date)
, ,	Shinya KONDO	
(Signature)	(Type Name)	(Date)
5)	Akihiro FUJII	
(Signature)	(Type Name)	(Date)

6)		Hirotaka OKAMOTO	
U)	(Signature)	(Type Name)	(Date)
7)	Tomohiro Asazuma	Tomohiro ASAZUMA	Oct.02, 2014
′′_	(Signature)	(Type Name)	(Date)
8)_		Hiraku ASAKURA	

IN CONSIDERATION of the sum of One D inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) Kabushiki Kaisha Toshiba	ollar (\$1.00), and of other good and valuable co	nsideration paid to the undersigned
1-1, Shibaura 1-chome, Minato-ku,	Tokyo 105-8001 Japan	
ASSIGNEE the entire and exclusive right, title an	is hereby acknowledged, the undersigned ASSIGNO d interest to the invention entitled DEVICE, AIR-CONDITIONING CONTE	
COMPUTER PROGRAM PRODU		
	P2012/065399 and/or for which application for Let	tters Patent of the United States was
(a) executed on	; (Insert date of execution of applica	ation, if not concurrent)
(b) filed on <u>May 16, 2014</u> Serial No. <u>14/ 358,873</u>	Assignce's attorney is hereby to	authorized to insert in (b) the specified
embetitute, rejecte or regramination application ba	the United States granted on said application and a sed thereon, for the full term or terms for which the s reinafter, "said application(s) and Letters Patent(s)")	said Letters Patent(s) may be granted and
which the ASSIGNEE may deem necessary, desi- including in the preparation and prosecution of sa	said ASSIGNEE and without charge to but at the ex- rable or expedient, for securing, maintaining and end- id application(s) and the issuance of said Letters Pat- by litigation or other legal proceeding which may aris papers, including separate assignments and declarat- idence.	forcing protection for said invention, tent(s), in any interference, reissue, se or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned in	ventor(s) has (have) affixed his/her/their signature(s	5).
1)	Yukio HIRAOKA	
(Signature)	(Type Name)	(Date)
2)	Takanobu TSUZAKI	
(Signature)	(Type Name)	(Date)
3)	Syuuji KONDOH	
(Signature)	(Type Name)	(Date)
4)	Shinya KONDO	(0)
(Signature)	(Type Name)	(Date)
5)	Akihiro FUJII	
(Signature)	(Type Name)	(Date)

6)		Hirotaka OKAMOTO	
٧/_	(Signature)	(Type Name)	(Date)
<b>→</b> \		Tomohiro ASAZUMA	
1)	(Signature)	(Type Name)	(Date)
8)	Hiraku Asakura	Hiraku ASAKURA	Oct.02, 2014
٠,_	(Signature)		

**RECORDED: 10/07/2014**