### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2971590

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PANASONIC CORPORATION	07/11/2014

#### **RECEIVING PARTY DATA**

Name:	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
Street Address:	20000 MARINER AVENUE
Internal Address:	SUITE 200
City:	TORRANCE
State/Country:	CALIFORNIA
Postal Code:	90503

#### **PROPERTY NUMBERS Total: 23**

PROPERTY NUMBERS TOTAL: 23		
Property Type	Number	
Application Number:	09211385	
Application Number:	09588186	
Application Number:	09913614	
Application Number:	10602590	
Application Number:	10611893	
Application Number:	11147308	
Application Number:	11475058	
Application Number:	11547266	
Application Number:	14024809	
Application Number:	14039971	
Application Number:	14147908	
Application Number:	14165733	
Application Number:	14165737	
Application Number:	14165767	
Application Number:	14251969	
Application Number:	14253195	
Application Number:	14254392	
Application Number:	14269237	
Application Number:	14276225	
Application Number:	14307498	
FU-10-14004		

**PATENT** 

REEL: 033481 FRAME: 0163

Property Type	Number
Application Number:	14360748
Application Number:	14371310
Application Number:	14373716

#### **CORRESPONDENCE DATA**

Fax Number:

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.

Email: epas.ipc@ml.jp.panasonic.com
Correspondent Name: PANASONIC CORPORATION
Address Line 1: 2-1-61, SHIROMI, CHUO-KU
Address Line 2: 7F OBP PANASONIC TOWER
Address Line 4: OSAKA, JAPAN 540-6207

ATTORNEY DOCKET NUMBER:	MEIGI-PIPCA
NAME OF SUBMITTER:	CHIKA EDA
SIGNATURE:	/Chika EDA/
DATE SIGNED:	08/06/2014

#### **Total Attachments: 4**

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PATENT REEL: 033481 FRAME: 0164

#### ASSIGNMENT

Panasonic Corporation, formerly called Matsushita Electric Industrial Co., Ltd., a Japanese corporation having a place of business at 1006 Oaza, Kadoma, Kadoma City, Osaka 571-8501, Japan ("Assignor"), hereby irrevocably assigns to Panasonic Intellectual Property Corporation of America, , a company having a place of business at 20000 Mariner Avenue, Suite 200, Torrance CA 90503 USA ("Assignee"), the entire right, title and interest for the United States of America and its territorial possessions, and all foreign countries including all rights of priority, in inventions disclosed in the patents and patent applications identified on Schedule, and in and to all Letters Patents of the United States of America, international and all foreign countries which may or shall be granted on said patent applications, or any parts thereof, or any divisional, continuing, reissue or other applications based in whole or in part thereon, and the right to recover for past infringement of the patents.

Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America or equivalent authority elsewhere in the world to issue such Letters Patent as shall be granted upon said applications based thereon to said Assignee, its successors and assigns. IN WITNESS WHEREOF, Assignor and Assignee have caused their duly authorized representatives to execute this Assignment.

#### ASSIGNOR

Panason	ic Corporation
By:	Keyi Karati.
Name:	Kenji Kamata
Title:	Manager, Authorized Signing Officer, Intellectual Property Center
Date:	July 11, 2014

## <Schedule> Patents

Application	
Number	
09/211385	
09/588186	
09/913614	
10/602590	
10/611893	
11/147308	
11/475058	
11/547266	
14/024809	
14/039971	
14/147908	·
14/165733	
14/165737	
14/165767	
14/251969	
14/253195	
14/254392	
14/269237	
14/276225	
14/307498	
14/360748	
14/371310	
14/373716	

1006, Oaza Kadoma, Kadoma-shi, Osaka Panasonic Corporation

Registration No.: 1216-01-003721

# (Translation) Certificate of a Part of the Registered Information

Trade Name	Matsushita Electric Industrial Co., Ltd.		
	Panasonic Corporation	Amended on October 1, 2008	
	_	Registered on October 1, 2008	
Principal Office	1006, Oaza Kadoma, Kadoma-shi, Osaka	a	
Method of Public	Electronic public notices will be given	Amended on June 25, 2009	
Notice	at: http://panasonic.co.jp/index3.html where electronic public notices could	Registered on July 8, 2009	
	not be issued for an incident or any		
	other unavoidable reason, public notice		
	should be given in the Nihon Keizai		
	Shimbun.		
Date of	December 15, 1935		
Incorporation			
Matters regarding	Company with Board of Directors		
Company with Board	Registered on May 2, 2006, pursuant to the Article 136 of the		
of Directors	Act No.87 of 2005		
Matters regarding	Company with Auditors		
Company with	Registered on May 2, 2006, pursuant to the Article 136 of the		
Auditors	Act No.87 of 2005		
Matters regarding	Company with Board of Company Auditors		
Company with Board	Registered on May 12, 20	006	
of Company			
Auditors			
Matters regarding	Company with Accounting Auditors		
Company with	Registered on May 12, 2006		
Accounting Auditors			

This is to certify that the foregoing is a part of the registered information presently in effect.

(Registered at Moriguchi office, Osaka Legal Affairs Bureau)

Date: November 27, 2009

Osaka Legal Affairs Bureau

Registrar MORI

MORISAWA, Shigemi

PA/TENT REEL: 033481 FRAME: 0167

### 現在事項一部証明書

大阪府門真市太字門真1006番地

パナソニジク株式会社 会社法人等番号 1216-01-003721

ارز.		SERVER :	CONTRACTOR CONTRACTOR (CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR	
	商号	松下電器産業株式会社		
		パナソニック株式会社	平成20年10月 1日変更	
٠ ٢٠			平成20年10月 1日登記	
y J	本店	<b>大阪府門真市大字門真1006番地</b>		
	公告をする方法	電子公告とする。	平成21年 6月25日変更	
43		http://panasonic.co.j p/index3.html		
		ただし、事故その他やむを得ない事由によって 電子公告をすることができない場合は、日本経		and the
		済新聞に掲載して行う。	平成21年 7月 8日登記	
<b>多类类</b>	- 会社成立の年月日	昭和10年12月15日		
	取締役会設置会社	取締役会設置会社		
4	に関する事項		平成1-73年法律第87号第1 36条の規定により平成188 年 5月 2日登記	
			年35月12日登記	
	監査役設置会社に	監査役設置会社	平成17年法律第87号第1	Marie 1
	関する事項		36条の規定により平成18	i Tip
11 TO 10 TO			年 5月 2日登記	
	監査役会設置会社	監査役会設置会社		
W.	に関する事項	\$	平成18年 5月12日登記	
Sugar	会計監査人設置会	会計監査人設置会社		
1	社に関する事項		平成18年 5月12日登記	
100		Character and Street con-	1.1548 9 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	92000000000000000000000000000000000000

これは登記簿に記録されている現に効力を有する事項の一部であることを証明

した書面である。

**太阪法務局守口出張所管轄)** 

平成21年11月27日

大阪法務局 登記官



不線のあるものは抹消事項であることを示す。 整理番号 た448338

**PATENT** 

RECORDED: 08/06/2014 **REEL: 033481 FRAME: 0168**