

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4835421

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PANASONIC CORPORATION	05/27/2014
RECEIVING PARTY DATA		
Name:	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	
Street Address:	20000 MARINER AVENUE, SUITE 200	
City:	TORRANCE	
State/Country:	CALIFORNIA	
Postal Code:	90503	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15890955
CORRESPONDENCE DATA		
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<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>		
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ATTORNEY DOCKET NUMBER:	VESU00120US5_6631-13	
NAME OF SUBMITTER:	H. WARREN BURNAM, JR.	
SIGNATURE:	/H. Warren Burnam, Jr./	
DATE SIGNED:	02/22/2018	
Total Attachments: 20		
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ASSIGNMENT

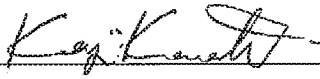
Panasonic Corporation, formerly called Matsushita Electric Industrial Co., Ltd., a Japanese corporation having a place of business at 1006 Oaza, Kadoma, Kadoma City, Osaka 571-8501, Japan ("Assignor"), hereby irrevocably assigns to Panasonic Intellectual Property Corporation of America, a company having 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

Panasonic Corporation

By: 
Name: Kenji Kamata
Title: Manager, Authorized Signing Officer, Intellectual Property Center
Date: May 27, 2012

PATENT

REEL: 045002 FRAME: 0846

Application Number	Application Number	Application Number	Application Number
08/145861	08/928010	09/165297	09/352123
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Application Number	Application Number	Application Number	Application Number
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Patents

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13/793121	13/814813	13/823914	13/889983
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13/802109	13/814923	13/823966	13/896397
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13/806872	13/816825	13/851486	13/902107
13/807129	13/816838	13/851646	13/902214
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Application Number	Application Number	Application Number	Application Number
13/905724	13/966848	13/993852	14/031169
13/908278	13/967134	13/995262	14/032414
13/909331	13/972586	13/995295	14/033568
13/912468	13/976637	13/996675	14/035193
13/914762	13/978073	13/996844	14/036428
13/915827	13/978301	14/000060	14/040175
13/917011	13/978597	14/000409	14/041043
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13/919753	13/978779	14/001579	14/043099
13/920853	13/979175	14/001583	14/044618
13/921257	13/979238	14/001721	14/046042
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13/926738	13/979918	14/002204	14/049289
13/926892	13/980450	14/002609	14/051982
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13/933892	13/981734	14/005522	14/061483
13/940726	13/982277	14/005876	14/065020
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13/950138	13/984152	14/006700	14/071301
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13/957478	13/985707	14/010747	14/088227
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13/962175	13/989213	14/015406	14/094420
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13/963210	13/989252	14/017393	14/100997
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13/966522	13/990395	14/022642	14/108728
13/966527	13/991600	14/024978	14/110573
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13/966819	13/993851	14/027501	14/110783

Application Number	Application Number	Application Number	Application Number
14/110795	14/130505	14/195349	14/238523
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14/128296	14/190758	14/237820	61/871625
14/129259	14/192085	14/238041	61/894109
14/130390	14/193229	14/238336	61/921101

<Schedule>

Patents

Application Number	Application Number	Application Number	Application Number
61/921221			
61/921260			
61/972722			
61/973411			
61/974689			
61/992222			

1006, Oaza Kadoma, Kadoma-shi, Osaka
Panasonic Corporation
Registration No.: 1216-01-003721

(Translation)
Certificate of a Part of the Registered Information

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

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 MORISAWA, Shigemi

現在事項一部証明書

大阪府門真市大字門真1006番地
パナソニック株式会社
会社法人等番号 1216-01-003721

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
		平成20年10月1日登記
本店	大阪府門真市大字門真1006番地	
公告をする方法	電子公告とする。 http://panasonic.co.jp/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、日本経済新聞に掲載して行う。	平成21年6月25日変更
		平成21年7月8日登記
会社成立の年月日	昭和10年12月15日	
取締役会設置会社に関する事項	取締役会設置会社	平成17年法律第87号第136条の規定により平成18年5月2日登記
監査役設置会社に関する事項	監査役設置会社	平成17年法律第87号第136条の規定により平成18年5月2日登記
監査役会設置会社に関する事項	監査役会設置会社	平成18年5月12日登記
会計監査人設置会社に関する事項	会計監査人設置会社	平成18年5月12日登記

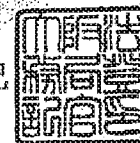
これは登記簿に記録されている現に効力を有する事項の一部であることを証明した書面である。

(大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

森 澤 茂 己



整理番号 た4.4.8.3.3.8

* 下線のあるものは抹消事項であることを示す。

1/1

PATENT

RECORDED: 02/22/2018

REEL: 045002 FRAME: 0892