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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT848627

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Brian K. Ruben	01/21/2009

RECEIVING PARTY DATA

Name:	PANASONIC CORPORATION OF NORTH AMERICA					
Street Address:	One Panasonic Way					
City:	Secaucus					
State/Country:	NEW JERSEY					
Postal Code:	07094					

PROPERTY NUMBERS Total: 1

Property Type	Number					
Application Number:	12368524					

CORRESPONDENCE DATA

Fax Number: (859)252-0779

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

 Phone:
 859-252-0889

 Email:
 elise@iplaw1.net

Correspondent Name: KING & SCHICKLI, PLLC Address Line 1: 247 NORTH BROADWAY

Address Line 4: LEXINGTON, KENTUCKY 40507

ATTORNEY DOCKET NUMBER:	380-381
NAME OF SUBMITTER:	Warren D. Schickli
SIGNATURE:	/Warren D. Schickli/
DATE SIGNED:	04/09/2009

Total Attachments: 2

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> PATENT REEL: 022527 FRAME: 0072

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ASSIGNMENT

		WH	EREAS I, BI	RIAN	K. RUB	EN of D	anville, l	Kentuck	y have mac	le a c	ertai	n nev	wane	d useful invent	ion as	set
forth	in	an	application	for	United	States	Letters	Patent	executed	by	me	on	the	2	day	of
					, 2009, e	ntitled '	VACUU:	M CLE	ANER HA	VIN	G D	IRT	CO	LLECTION	VESS:	EL
WIT	αт	ΩP:	OIDAL CV	CEA	NE.											

AND WHEREAS, PANASONIC CORPORATION OF NORTH AMERICA, a corporation of the State of Delaware, whose full post office address is One Panasonic Way, Secaucus, New Jersey 07094, U.S.A., and whose Panasonic Home Appliances Company of America division has its full post office address at 1355 Lebanon Road, Danville, Kentucky 40423-0007; is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, I do hereby sell, assign, transfer and set over unto **PANASONIC CORPORATION OF NORTH AMERICA**, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of the United States and foreign countries which may be issued for said invention.

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee;

I hereby authorize and request King & Schickli, PLLC of 247 North Broadway, Lexington, Kentucky 40507 to insert here in parentheses (Application Serial No. 12/368,524 , filed Feb. 10, 2009) the serial

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number and filing date of this application when known,

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to PANASONIC CORPORATION OF NORTH AMERICA, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

BRIAN K. RUBEN

COMMONWEALTH OF KENTUCKY

On this 2 day of farmer year, 2009, before me personally appeared

GARY P. CHARBONNEAU, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

My commission expires: 1-26-2010

SEAL

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RECORDED: 04/09/2009