PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gyoo Sang CHOI	08/09/2010
Gwanwoo SHIN	08/09/2010

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-Dong
Internal Address:	Yeongtong-Gu
City:	Suwon-Si, Gyeonggi-Do
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29368192

CORRESPONDENCE DATA

Fax Number: (212)246-8925

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-708-1803

Email: gmarti@ladas.com

Correspondent Name: Geraldine Marti

Address Line 1: 26 West 61st Street

Address Line 4: New York, NEW YORK 10023

ATTORNEY DOCKET NUMBER: UD 052162-4

NAME OF SUBMITTER: John Richards

Total Attachments: 3

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> PATENT REEL: 024860 FRAME: 0509

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Practitioner's Docket No. UD 052162-4	PATENT				
For: For: For: By:	[] U.S. and/or [] Foreign Rights [] U.S. Application or [] U.S. Provisional Application [] U.S. Patent [] PCT Application [] Inventor(s) or [] Present Owner				
ASSIGNMENT OF INVENTION					
In consideration of the payment by A (\$1.00), the receipt of which is hereby acknown	SSIGNEE to ASSIGNOR of the sum of One Dollar wledged, and for other good and valuable consideration,				
ASSIGNOR:					
Inventor(s) or person(s) or entity(ies) who own the invention	GYOO SANG, CHOI (type or print name(s) of ASSIGNOR(S)) 117-201 Gran Ville Apt. Wolgye3-dong Nowon-Gu Address Seoul, Korea Korean Nationality SHIN GWANWOO (type or print name(s) of ASSIGNOR(S)) 501-905 Jukong5-dangi Byulyang-dong Gwachun-si Address Kyungki-Do, Korea Korean Nationality				
(if assignment is by person or e and this was rec	ntity to whom invention was previously assigned corded in PTO, add the following)				
Recorded on Re	el ame				
hereby sells, assigns and transfers to					

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PATENT REEL: 024860 FRAME: 0510

ASSIGNEE:	•	SAMSUNG ELECTRONICS CO., LTD.
	-	(type or print name(s) of ASSIGNEE(S))
		416, Maetan-Dong, Yeongtong-Gu
		Address
		Suwon-Si, Gyeonggi-Do, Korea
		Korean
		Nationality
and the succ	essors, ass	igns and legal representatives of the ASSIGNEE
		(complete one of the following)
	[✓]	the entire right, title and interest
	r 1	an undivided percent (%) right, title and
interest	[]	an undivided
		And the state of the second second
for the Unite	ed States a	nd its territorial possessions
		(check the following box, if foreign rights are also to be assigned)
	[]	and in all foreign countries, including all rights to claim priority,
in and to an	y and all ir	nprovements which are disclosed in the invention entitled:
		Vacuum Cleaner
Name of inv	wantar(s)	GYOO SANG, CHOI and SHIN GWANWOO
Name of in	ventor(s)_	GTOO SANG, CHOT and SAME STATE
		(1) (1) (2) (3) (4) (6) (7) or (7)
		(check and complete (a), (b), (c), (d), (e), (f) or (g))
and which i	is found in	(37 C.F.R. 3.21)
(a)	[]	Not yet filed U.S. patent application executed on even date herewith
(b)		Not yet filed U.S. patent application executed on Not yet filed U.S. provisional application naming the above inventor(s) for
(c)	[]	the above-entitled invention
		To comply with 37 CFR 3.21 for recordal of this assignment, I, an
		A SSIGNOR signing below, hereby authorize and request my
		attorney to insert below the filing date and application number when
/£.)	r ı	they become known. U.S. patent or provisional patent application no
(d)	[]	filed on
(e)	[]	International application no. PCT /filed on
(f)		U.S. patent no issued
,,,		filed on
		patent maintenance need is being sent separately.

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PATENT REEL: 024860 FRAME: 0511

	(also check (g), if foreign application(s) is also being assigned)
(g) []	and any legal equivalent thereof in a foreign country, including the right to claim priority
and, in and to, all Lett continuation, division, examination thereof.	ers Patent to be obtained for said invention by the above application or any renewal, or substitute thereof, and as to letters patent any reissue or re-
ASSIGNOR he or will be made or enter	reby covenants that no assignment, sale, agreement or encumbrance has been red into which would conflict with this assignment.
with all pertinent facts equivalents as may be interference, litigation ASSIGNEE or its legal for, obtain, maintain, i	rther covenants that ASSIGNEE will, upon its request, be provided promptly and documents relating to said invention and said Letters Patent and legal known and accessible to ASSIGNOR and will testify as to the same in any or proceeding related thereto and will promptly execute and deliver to representatives any and all papers, instruments or affidavits required to apply sue and enforce said application, said invention and said Letters Patent and which may be necessary or desirable to carry out the purposes thereof.
IN WITNESS	WHEREOF, I/We have hereunto set hand and seal this
WARNING:	The date of signing must be the same as the date of execution of the application, if item (a) was checked above.
Date: Aug. 9, 2010	Signature of ASSIGNOR(S) GYOO SANG, CHOI
Date: <u>Aug. 9, 2010</u>	Signature of ASSIGNOR(S) SHIN GWANWOO
(if ASSIGNOR is a legal entity, complete the following information)	
	(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Title

[] Notarization or Legalization Page Added.

RECORDED: 08/19/2010

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PATENT REEL: 024860 FRAME: 0512