

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jong Hyub LEE</td><td>12/21/2010</td></tr><tr><td>Deoksang YUN</td><td>12/21/2010</td></tr><tr><td>Min Hyoug BOO</td><td>12/21/2010</td></tr></tbody></table>		Name	Execution Date	Jong Hyub LEE	12/21/2010	Deoksang YUN	12/21/2010	Min Hyoug BOO	12/21/2010		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>SAMSUNG ELECTRONICS CO., LTD.</td></tr><tr><td>Street Address:</td><td>416, Maetan-Dong</td></tr><tr><td>Internal Address:</td><td>Yeongtong-Gu</td></tr><tr><td>City:</td><td>Suwon-Si, Gyeonggi-Do</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr></table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	416, Maetan-Dong	Internal Address:	Yeongtong-Gu	City:	Suwon-Si, Gyeonggi-Do	State/Country:	REPUBLIC OF KOREA
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>29382548</td></tr></tbody></table>		Property Type	Number	Application Number:	29382548						
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Application Number:	29382548										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	John Richards										
Total Attachments: 4 source=052189-4_Assignment#page1.tif											

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PATENT
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Practitioner's Docket No. UD 052189-4

PATENT

For: ☐ U.S. and/or ☐ Foreign Rights
For: ☐ U.S. Application or
 ☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: ☐ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor(s) or person(s) or entity(ies)
who own the invention

Jong Hyub LEE
(type or print name(s) of ASSIGNOR(S))

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Korean
Nationality

Yun Deoksang
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Address
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Korean
Nationality

MIN HYOUG BOO
(type or print name(s) of ASSIGNOR(S))

A-701 Guro SK View apt. No. 567-4 Guro5-dong
Address
Guro-gu Seoul Korea

Korean
Nationality

*(if assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO, add the following)*

(Assignment of Invention—page 1 of 3) 16-3

Recorded on _____ Reel _____
Frame _____

hereby sells, assigns and transfers to

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 successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) right, title and
interest
for the United States and 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 any and all improvements which are disclosed in the invention entitled:

Charger for Vacuum Cleaner

Name of inventor(s) Jong Hyub LEE, Yun Deoksang and MIN HYOUG BOO

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which 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 _____
(c) ☐ Not yet filed U.S. provisional application naming the above inventor(s) for
the above-entitled invention
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my
attorney to insert below the filing date and application number when
they become known.
(d) ☐ U.S. patent or provisional patent application no. _____
filed on _____

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- (e) ☐ International application no. PCT / _____ / _____ filed on
(f) ☐ U.S. patent no. _____ issued
☐ A change of address to which correspondence is to be sent regarding
patent maintenance fees is being sent separately.

(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 Letters Patent to be obtained for said invention by the above application or any
continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-
examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been
or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly
with all pertinent facts and documents relating to said invention and said Letters Patent and legal
equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any
interference, litigation or proceeding related thereto and will promptly execute and deliver to
ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply
for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and
said equivalents thereof 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: Dec. 21, 2010

Lee J.H. Ethan
Signature of ASSIGNOR(S) Jong Hyub LEE

Date: Dec. 21, 2010

Yun D.S.
Signature of ASSIGNOR(S) Yun Deoksang

Date: Dec. 21, 2010

Min M.K.
Signature of ASSIGNOR(S) MIN HYOUNG BOO

(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)*

Title

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.*

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[] Notarization or Legalization Page Added.

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