

U.S. DEPARTMENT OF COMMERCE

Form PTO-1595 RE((Rev. 03/01)	1 (160 (A) (160 (A) (160 (A)	S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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	nd Trademarks: Please record the attached original	documents or copy thereof.	
1. Name of conveying party(ies): 1) OH, Jang-keun 2) LEE, Hyun-ju 3) JOO, Sung-tae	SAMSLING CW	2. Name and address of receiving party(ies) Name: SAMSUNG GWANGJU ELECTRONICS CO., LTD. Internal Address:	
Additional name(s) of conveying party(ies) attached?			
3. Nature of conveyance:			
Assignment 🖵 Merge	271.	Oseon-dong.	
Security Agreement	ne of Name	Street Address: 271, Oseon-dong, Gwangsan-gu, Gwangju-city,	
Other			
	City:	ea ₋ State:Zip:	
Execution Date: October 9, 2002		(es) attached? 🖵 Yes 💆 No	
4. Application number(s) or patent number(s		October 9, 2002	
If this document is being filed together with	/ 	the application is:	
A. Patent Application No.(s)	B. Patent No.(s)		
V - 1-12-12	onal numbers attached? 📮 Yes 🙇 No		
5. Name and address of party to whom corre		ons and patents involved:	
concerning document should be mailed:			
Name: Vangelis Economou	7. Total fee (37 CFR 3.41)	\$ <u>40.00</u>	
Internal Address:	Enclosed		
	i	arged to deposit account	
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City: Chicago State: IL Zip:	60604 (Attach duplicate copy of this p	age if paying by deposit account)	
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9. Statement and signature.			
To the best of my knowledge and belief, the is a true copy of the original document.	he foregoing information is true and correc	t and any attached copy	
Vangelis Economou	Vanali Em	October 16, 2002	
Name of Person Signing Reg. 32341	Signature	Date	
Total number of page	es including cover sheet, attachments, and documer	nts: L_3	

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PATENT REEL: 013397 FRAME: 0144

UNITED STATES OF AMERICA ASSIGNMENT

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

ASSIGNOR:

Jang-keun OH

201-708, Haetae Apartment, 385-1, Naebang-dong, Seo-gu Gwangju-city, Republic of Korea

Hyun-ju LEE

597-6, Inhoodong-1-ga, Inhoo-1-dong, Dukjin-gu Jeonju-city, Jeonrabuk-do, Republic of Korea

Sung-tae JOO

795-12, Weolkye-dong, Gwangsan-gu Gwangju-city, Republic of Korea

hereby sells, assigns and transfers to

ASSIGNEE:

SAMSUNG GWANGJU ELECTRONICS CO., LTD.

271, Oseon-dong, Gwangsan-gu, Gwangju-city, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

CYCLONE-TYPE DUST-COLLECTING APPARATUS FOR USE IN A VACUUM CLEANER

which application was executed by the undersigned on even date herewith, and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, 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 and sale;

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PATENT REEL: 013397 FRAME: 0145 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 or litigation 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, we have set our hand and seal

RECORDED: 10/16/2002

October 9, 2002	Ch,	
Date	Jang-keun OH	
October 9, 2002	Hymipulee	
Date	Hyun-ju LEE	
October 9, 2002	Gung - tac Joc	
Date 0699P/2	Sung-tae JOO	

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