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PATENT REEL: 014839 FRAME: 0304

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December 19, 2003

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) KIM Chang Wook	(4)	
(1) KIM, Chang Wook	(4) (5)	
(3)	(6)	
who have made a certain new	and useful invention, hereby sell, assign and	
transfer unto		
SAMSUNG ELECTRO-MECHA	ANICS CO., LTD.	
314 Maetan-3-dong, Paldal-ku	Suwon,	
Kyungki-do, Republic of Korea		
its supposeers and assigns (be	reinafter designated "ASSIGNEE") the entire	
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_	Inited States of America as defined in 35 U.S.C	
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the Protection of Industrial Property to the said ASSIGNEE, for its interest as		
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undersigned agree that the atte	orneys of record in said application shall	
hereafter act on behalf of said	ASSIGNEE;	

PATENT REEL: 014839 FRAME: 0305 AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

RECORDED: 12/19/2003

INVENTOR(S)	DATE SIGNED
1) <u>つか</u> Name: KIM, Chang Wook	December 2, 2003
2) Dovik Name: PARK;-Jung Kyu	December 2, 2003

PATENT REEL: 014839 FRAME: 0306