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PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | ASSIGNMENT |

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|---------------|----------------|
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
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| Application Number: | 14030541 |

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| | PATENT |

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| Date: | 09/18/2013 |
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| Total Attachments: 4 source=628915-7_Assignment#page1.tif source=628915-7_Assignment#page2.tif source=628915-7_Assignment#page3.tif source=628915-7_Assignment#page4.tif | |

PATENT REEL: 031235 FRAME: 0012

| Attorney's Docket No. | B-8070 | 628915-7 | Patent |
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| - | For: [X For: [] | [] U.S. and/or [] Foreign Rights [] U.S. Application or [] U.S. Patent [PCT Application [] Inventor(s) or [] Present <u>Owner</u> | |
| | | OF INVENTION | |
| n consideration of the payment by As which is hereby acknowledged, and fo | SSIGNEE to AS or other good a | SIGNOR of the sum of One Dollar (\$1.00), the nd valuable consideration, | e receipt of |
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(Assignment of Invention [16-3]--page 1 of 4)

| hereby confirm that ASSIGNORS | sell, assign and transfer to |
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| and the successors, assigns and le | gal representatives of the ASSIGNEE |
| (com | plete one of the following) |
| [X] the entire right, title an | ad interest |
| [] an undivided | percent (%) interest for the |
| United States and its territorial po | |
| (check the following box if foreign | n rights are also to be assigned) |
| [] and in all foreign count | tries, including all rights to claim |
| priority, in and to any and all impentitled: | provements which are disclosed in the invention |
| | MECHANICAL SYSTEMS DEVICE |
| (check and complet | e (a), (b), (c) or (d)) and which is found in |
| (a) [] U.S. patent applicat | ion executed on even date herewith |
| (b) [] U.S. patent applicat | ion executed on |
| ASSIGNOR signing below in the Declaration and Pov | CFR 3.21 for recordal of this assignment, I, and the property authorize and request my attorney, as named over of Attorney I executed for this invention on the property to insert below the filing date and application known. |
| (c) [X] U.S. Application ser (d) [] International applic | rial no. 14/030,541 filed on September 18, 2013 ration no. |

(e) [] U.S. Patent no. _____ issued ____

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본 정보는 삼성전기 정보자산으로 관리책임자의 허가없이 울력,배포 반출을 할 수 **등실 I FIN I** REEL: 031235 FRAME: 0014

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(f) [] 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

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

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| 10th | day of | July | , 2013 (date of signing). |
|---------|----------|----------------|--|
| | | | KIM, Jong Woon |
| | | | Name of Assignor(s) |
| | | | |
| | | | Signature of ASSIGNOR(S) |
| IN WITH | NESS WHE | REOF, I/We hav | ve hereunto set hand and seal this, 2013 (date of signing). KIM, Po Chul Name of Assignor(s) |
| | | | Signature of ASSIGNOR(S) |

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

(Assignment of Invention [16-3]--page 3 of 4)

| 10th day of Inly | , 2013 (date of signing). |
|--------------------------|---|
| | YI, Yu Heon |
| | Name of Assignor(s) |
| | mile |
| | Signature of ASSIGNOR(S) |
| IN WITNESS WHEREOF, I/We | e have hereunto set hand and seal this, 2013 (date of signing). |
| | |
| | LIM, Jun |
| | LIM, Jun Name of Assignor(s) |
| | |

(Assignment of Invention [16-3]--page 4 of 4)