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invented by me/us and described in this application for United States Letters Patent therefor, the specification of which

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and all continuations, and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Assignee, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made.

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And I/we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Assignee.

Inventor : SEONG OUN HWANG Citizenship : Republic of Korea Post Office Address : ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, C/O, 161 GAJEONG-DONG, YUSEONG-KU, DAEJEON **KOREA** Residence : DAEJEON, KOREA

October 14, 1998

Date

thuany______ Signature

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PATENT REEL: 9582 FRAME: 0759

RECORDED: 11/04/1998