11-03-	Docket No.: SEC.1218
FORM PTO-1595 (Modified)	T U.S. DEPARTMENT OF COMMERCE
(Rev. ⁷³ -01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03	Patent and Trademark Office
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	ice: Please record the attached original documents or copy thereof.
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LEE, Jung-bae	24
	Name: SAMSUNG ELECTRONICS CO., LTD.
	Address: 416, Maetan-dong, Yeongtong-gu, Suwon-si
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
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☐ Security Agreement ☐ Change of Name	City: Gyeonggi-do State/Prov.:
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Other	Country: Republic of Korea ZIP:
Execution Date: October 8, 2004	Additional name(s) & address(es) ☐ Yes ☒ No
If this document is being filed together with a new application Patent Application No. Filing date	n, the execution date of the application is: October 8, 2004 B. Patent No.(s)
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NEW OCTOBER 28, 2004	
NEW OCTOBER 28, 2004 10/29/2004 LWONDIM1 00000063 10974951 03 FC:8021 40.00 OP Additional numbers	☐ Yes ເ⊠ No
03 FC:8021 40.00 DP	☐ Yes ☒ No 6. Total number of applications and patents involved: 1
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned Insert 1. Jung-bae LEE 5. Name(s) of Inventor(s) 2. ______ 6. _____ 3. _____ 7. ____ 4. ______ 8. _____ the undersigned hereby sell(s) and assign(s) to Insert Name(s) of SAMSUNG ELECTRONICS CO., LTD. Assignee(s) & of 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Address(es) Republic of Korea (hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as Title of Invention MEMORY SYSTEM USING SIMULTANEOUS BI-DIRECTION INPUT/OUTPUT CIRCUIT ON AN ADDRESS BUS LINE Date of for which an application for patent in the United States of America has been executed by Signing of Application the undersigned on The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient. The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

Page 1 of 2

for Protection of Industrial Property or similar agreements.

RECORDED: 10/28/2004

The undersigned hereby grant(s) to Adam C. Volentine, Reg. No. 33,289 and William S. Francos, Reg. No. 38,456, and the firm of VOLENTINE FRANCOS, P.L.L.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned

name(s).			
Date 2004. 10.8	_ Signature of Inve	ntor Jung-bae LEE	Lee
Date			
Date	_ Signature of Inve	ntor	
Date	_ Signature of Inve	ntor	
Date	_ Signature of Inve	ntor	
Date	_ Signature of Inve	ntor	
Date	_ Signature of Inve	entor	
Date	_ Signature of Inve	entor	
witnessed by at least to Patent and Trademark	wo witnesses who sig Office is to record an	nended that the execution to n here. However, the curre a Assignment even it has n	ent practice of the U.S. ot been witnessed.)
Witness			
plicant Reference No. SS-	-21392-US	Attorney Docket No.	SEC.1218
	Page 2	? of 2	

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