• Form PTO-1595 6/93	of Commerce, U.S. Patent and Trademark Office
08-08-20	001
To the Honorable Commissioner of Pater 1. Name of conveying parties: Chang-Oh JEONG Jae-Gab LEE Beom-Seok CHO Additional name(s) of conveying party(ies) attached? Yes Ino 3. Nature of Conveyance: Assignment Security Agreement Other Change of Name	its or conv thereof
Execution Dates: July 27, 2001	
4. Application number: If this document is being filed together with a new application No.	B. Patent No(s).
Additional numbers attached?	yes ⊠ no
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1
Name: HOWREY SIMON ARNOLD & WHITE, LLP	7. Total fee (37 C.F.R. § 3.41)\$ 40.00
Internal Address:	☑ Enclosed
	☐ Authorized to be charged to Deposit Account
Street Address: Box No. 34 1299 Pennsylvania Ave, NW	8. Deposit Account Number: 08-3038
City: Washington State: DC Zip Code: 20004-2402	
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PATENT REEL: 012039 FRAME: 0865

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Chang-Oh JEONG, Jae-Gab LEE and Beom-Seok CHO the undersigned hereby sell and assign to Samsung Electronics Co., Ltd. (the Assignee), his/her entire right, title and interest

in the invention(s) known as WIRING LINE ASSEMBLY FOR THIN FILM TRANSISTOR ARRAY SUBSTRATE AND A METHOD FOR FABRICATING THE SAME for which application(s) for patent in the United States of America has (have) been executed by the undersigned on ______ (also known as United States Application No. _____, filed ______), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) 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 that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s)

Jason C. Abair, Reg. No. 44,007 Michael J. Bell, Reg. No. 39,604 John A. Bendrick, Reg. No. 41,612 Andrew S. Brenc, Reg. No. 45,534 Celine T. Callahan, Reg. No. 34,301 Jenny W. Chen, Reg. 44,604 Mary S. Consalvi, Reg. No. 32,212 Thomas E. Coverstone, Reg. No. 36,492 Ben M. Davidson, Reg. No. 38,424 Ross E. Davidson, Reg. No. 41,698 James F. Davis, Reg. No. 21,072 Thomas M. Dunham, Reg. No. 39,965 Alan M. Grimaldi, Reg. No. 26,599 J. Jay Guiliano, Reg. No. 41,810 Albert P. Halluin, Reg. No. 25,227 Derek J. Jardieu, Reg. No. 44,483 Christopher L. Kelley, Reg. No. 42,714

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- Page 1 of 2 -

PATENT REEL: 012039 FRAME: 0866 of HOWREY SIMON ARNOLD & WHITE, LLP, Box No. 34, 1299 Pennsylvania Ave., NW, Washington, DC 20004-2402, power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date:	July 21, 2001	_ Signature of Inventor:	Chang-oh Jeong
	July 21.20		Chang-On JEONG Lee Jave UTAB
Date:		_ Signature of Inventor:	Jae-Gab LEE Cho Begn - Sech
			Beom-Seok CHO