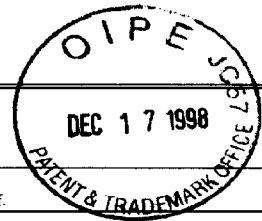


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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

MS 12-17-98

1. Name of conveying party(ies):  
Mun-Pyo HONG and Young-Jae TAK  
Additional name(s) of conveying party(ies) attached?  yes  no

2. Name and address of receiving party(ies):  
Name: Samsung Electronics Co., Ltd.  
Street Address: 416, Maetan-dong, Paldal-ku  
City: Suwon State: Kyunggi-do  
Country: KOREA Zip Code:  
Additional name(s) & address(es) attached?  yes  no

3. Nature of Conveyance:  
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4. Application number(s) or patent number(s):  
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5. Name and address of party to whom correspondence concerning document should be mailed:  
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joseph V. Colaianni, Jr.  
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Registration No. 39,948

Signature

December 17, 1998  
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PATENT REEL: 9653 FRAME: 0872

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned: Hong, Mun-Pyo and TAK, Young-Jae, the undersigned hereby sells and assigns to SAMSUNG ELECTRONICS CO., LTD. (the Assignee), his entire right, title and interest

check applicable box(es)  for the United States of America (as defined in 35 U.S.C. § 100),  
 and throughout the world,

in the invention known as A Liquid Crystal Display Using the Wires Made of Molybdenum-Tungsten Alloy and a Manufacturing Method Thereof, for which application for patent in the United States of America has 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 agrees to execute all papers necessary in connection with the application 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 agrees to execute all papers necessary in connection with any interference that may be declared concerning the application 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 grants:

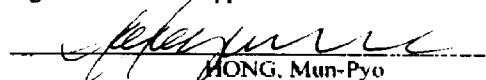
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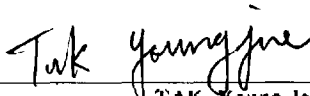
of HOWREY & SIMON, Box No. 34, 1299 PENNSYLVANIA Avenue, N.W., Washington, D.C. 20004-2402, power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date opposite his name.

Date: October 13, 1998 Signature of Inventor:

  
 HONG, Mun-Pyo

Date: October 13, 1998 Signature of Inventor:

  
\_\_\_\_\_  
TAK, Young-Jae