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102698955

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1. Name of conveying party(ies):
Han Cheol RYU; Seungeon MOON; Min Hwan KWAK; Su Jae LEE; Sang Seok LEE; Young Tae KIM

3-8-04

Additional name(s) of conveying party(ies) attached?

No Yes

2. Name and address of receiving party(ies):

Name: **Electronics & Telecommunications Research Institute**

Internal Address:

Street Address: **161 Gajeon-dong, Yusong-gu**

City: **Daejeon** State: _____ ZIP: _____

Country: **Republic of Korea**

Additional name(s) & address(es) attached? No Yes

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Execution Date: 3/3/04

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10796628

B. Patent No.(s)

Additional numbers attached? No Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address:

Street Address: 12400 Wilshire Boulevard
7th Floor

City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

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02-2666

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Eric S. Hyman

Name of Person Signing

Signature

March 8, 2004

Date

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PATENT
REEL: 015091 FRAME: 0902

17656 U.S. PTO
10/796628
030804

ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>RYU, Han Cheol</u>	(6) <u>KIM, Young Tae</u>
(2) <u>MOON, Seungeon</u>	(7) _____
(3) <u>KWAK, Min Hwan</u>	(8) _____
(4) <u>LEE, Su Jae</u>	(9) _____
(5) <u>LEE, Sang Seok</u>	(10) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto
Electronics and Telecommunications Research Institute of 161 Gajeong-dong
Yusong-gu, Daejeon-city, Rep. of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled
DISTRIBUTED ANALOG PHASE SHIFTER USING ETCHED FERROELECTRIC THIN FILM
AND METHOD OF MANUFACTURING THE SAME

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____ ;
or
(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED of the dates indicated aside our signatures:

<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) <u>Hancheol Ryu</u> Name: RYU, Han Cheol	<u>2004. 03. 03</u>
2) <u>Seung Bon Moon</u> Name: MOON, Seungeon	<u>2004. 03. 03</u>
3) <u>Min Hwan Kwak</u> Name: KWAK, Min Hwan	<u>2004. 03. 03</u>
4) <u>Lee Sujae</u> Name: LEE, Su Jae	<u>2004. 03. 03</u>

5) Lee Sang Seok
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2004.03.03

6) Kim Young Tae
Name: KIM, Young Tae

2004.03.03