PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2629900

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SUN HYOK CHANG	11/18/2013	
HWAN SEOK CHUNG	11/18/2013	

RECEIVING PARTY DATA

Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	
Street Address:	161 Gajeong-dong, Yuseong-gu	
City:	Daejeon	
State/Country:	REPUBLIC OF KOREA	
Postal Code:	305-350	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14090707	

CORRESPONDENCE DATA

 Fax Number:
 (202)408-0924

 Phone:
 202-371-8976

 Email:
 firm@rabinberdo.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: RABIN & BERDO, P.C. Address Line 1: 1101 14TH ST., N.W.

Address Line 2: SUITE 500

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	PAN-203
NAME OF SUBMITTER:	STEVEN M. RABIN
Signature:	/Steven M. Rabin/
Date:	11/26/2013

502583818 REEL: 031680 FRAME: 0469

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

source=PAN-203-Assignment_Declaration#page1.tif

source=PAN-203-Assignment_Declaration#page2.tif

PATENT REEL: 031680 FRAME: 0470

IP20120955_	_Pan

8/12

Attorney Reference:

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS, CHANG, Sun Hyok; CHUNG, Hwan Seok hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

POLARIZATION CONTROL DEVICE AND METHOD

[V] said application being attached hereto;			
[] said application having been filed in the United States Patent and Trademark Office on			•
, as Application Serial No,	and	was	amended
on(if applicable);			
[] the specification of which was filed under the Patent Cooperation Treaty on, Serial No, the United States of America being designated.			

AND WHEREAS <u>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of</u>
161, Galeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

PATENT REEL: 031680 FRAME: 0471

Continued -Page 2 ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:	ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature:	Signature: Sunhyok Chang
Name:	Legal Name: <u>CHANG, Sun Hyok</u>
Address:	Date: Nov. 18, 2013
WITNESS:	ASSIGNOR (SECOND INVENTOR):
Signature:	Signature: hwy Humseob
Name:	Legal Name: <u>CHUNG, Hwan Seok</u>
Address:	Date: 19, 2013

RABIN & BERDO, P.C., Washington, D.C.

PATENT REEL: 031680 FRAME: 0472

RECORDED: 11/26/2013