

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
4DS, Inc.	07/10/2013
RECEIVING PARTY DATA	
Name:	4D-S LTD.
Street Address:	C/- Ground Floor, BGC Centre, 28 The Esplanade
City:	Perth
State/Country:	AUSTRALIA
Postal Code:	6000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13831935
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	510 580 7303
Email:	patents@4-d-s.com
Correspondent Name:	4DS, Inc.
Address Line 1:	3155 Skyway Court
Address Line 4:	Fremont, CALIFORNIA 94539
ATTORNEY DOCKET NUMBER:	4DS110
NAME OF SUBMITTER:	Jean Y. Yang-Scharlotta
Signature:	/Jean Y. Yang-Scharlotta/
Date:	07/16/2013
Total Attachments: 1	
source=4DS110 assignment from 4DS, Inc#page1.tif	

OP \$40.00 13831935

PATENT

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, 4DS, Inc, located at 3155 Skyway Court, Fremont California 94539, The United States of America, herein after referred to as "Assignor" is the owner of the entire right, title and interest in of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: COMPLEMENTARY METAL OXIDE HETEROJUNCTION
MEMORY DEVICES AND METHODS RELATED
THERE TO

Filing Date: March 15, 2013

Application No.: 13/831,935; and

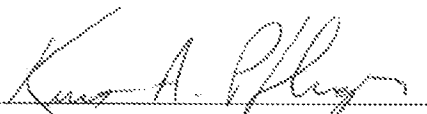
WHEREAS, 4D-S, LTD, located at e/- Ground Floor, BGC Centre, 28 The Esplanade, Perth, WA , Australia 6000, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Representative of Assignor signs his/her name on the date indicated.

Dated: 7-10-2013


Kurt A. Pfluger, CEO, 4DS, Inc.