

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2694939

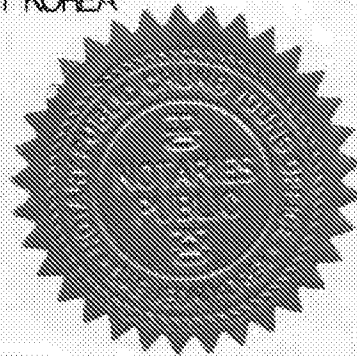
SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>IPG ELECTRONICS 502 LIMITED</td> <td>03/31/2012</td> </tr> <tr> <td>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE</td> <td>03/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	IPG ELECTRONICS 502 LIMITED	03/31/2012	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	03/31/2012				
Name	Execution Date										
IPG ELECTRONICS 502 LIMITED	03/31/2012										
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	03/31/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>PENDRAGON ELECTRONICS AND TELECOMMUNICATIONS RESEARCH LLC</td> </tr> <tr> <td>Street Address:</td> <td>2300 CARILLON POINT</td> </tr> <tr> <td>City:</td> <td>KIRKLAND</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98033</td> </tr> </table>		Name:	PENDRAGON ELECTRONICS AND TELECOMMUNICATIONS RESEARCH LLC	Street Address:	2300 CARILLON POINT	City:	KIRKLAND	State/Country:	WASHINGTON	Postal Code:	98033
Name:	PENDRAGON ELECTRONICS AND TELECOMMUNICATIONS RESEARCH LLC										
Street Address:	2300 CARILLON POINT										
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Postal Code:	98033										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6678431</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6678431						
Property Type	Number										
Patent Number:	6678431										
CORRESPONDENCE DATA											
<p>Fax Number: (510)665-4313 Phone: 5106654305 Email: joyce.ferreira@pendrell.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: ROBERT SALTZBERG Address Line 1: 2150 SHATTUCK AVENUE, SUITE 700 Address Line 2: OVIDIAN GROUP Address Line 4: BERKELEY, CALIFORNIA 94704</p>											
NAME OF SUBMITTER:	ROBERT SALTZBERG, REG. NO. 36910										
Signature:	/Robert Saltzberg/										
Date:	01/23/2014										
<p>Total Attachments: 4 source=6678431_ASSIGN_EXE#page1.tif source=6678431_ASSIGN_EXE#page2.tif source=6678431_ASSIGN_EXE#page3.tif source=6678431_ASSIGN_EXE#page4.tif</p>											

Registered No. 2013 - 13306

NOTARIAL CERTIFICATE

NOTARY PUBLIC CHUNG YOUNG OFFICE

1478 DOONSAN-DONG, SEO-GU, DAEJEON 302-831 KOREA





Form of Recordable Patent Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject at all times to the undertakings, prior grant of rights and licenses, reservations and other terms and conditions as set forth in that certain Patent Assignment Agreement ("PATENT ASSIGNMENT AGREEMENT") between the ASSIGNORS and the ASSIGNEE (each as defined below) with an effective date of March 31, 2012, IPG Electronics 502 Limited, a Guernsey corporation having a place of business at Trafalgar Court, Box 255, Les Banques, St Peter Port, Guernsey GY1 3QL ("IPG 502") and Electronics and Telecommunications Research Institute, a non-profit Korean government funded research organization having a place of business at 138 Cajeongno, Yuseong-gu, Daejeon, Korea ("ETRI") (IPG 502 and ETRI collectively, "ASSIGNORS"), hereby grants and assigns to Pendragon Electronics and Telecommunications Research LLC ("ASSIGNEE"), a Nevada member-managed limited liability company organized under the laws of Nevada and having a registered address at 2300 Carillon Point, Kirkland, WA 98033 USA, all of the ASSIGNORS' right, title and interest in and to the patents set forth on Schedule 1 hereto (collectively, the "ASSIGNED PATENTS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, including the sole right to sue and collect damages under such ASSIGNED PATENTS, for the full term or terms of all such ASSIGNED PATENTS.

ASSIGNEE acknowledges and agrees that (a) ETRI has the "Reserved License" and the "Limited License", each as defined in the PATENT ASSIGNMENT AGREEMENT. (b) the ASSIGNED PATENTS shall be subject to the Reserved License and Limited License, and (c) any sale, license or other transfer of any rights in the ASSIGNED PATENTS to any third parties shall be subject to the Reserved License and Limited License.

IN WITNESS WHEREOF, the ASSIGNORS have caused this Patent Assignment to be duly signed on its behalf.

IPG ELECTRONICS 502 LIMITED

Signature: [Signature] Date: 3 December 2013

Name: [Signature] State of Guernsey Country of [Signature]

Before me this day 3 of December, 2013, personally appeared [Signature] to me known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he/she signed the same of his/her own free will for the purpose therein expressed.

[Signature] Notary Public

Daisy G Le Marquand Notary Public Carse House Les Banques St Peter Port Guernsey, GY1 4B2

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

Signature: [Signature] Date: October 2, 2013

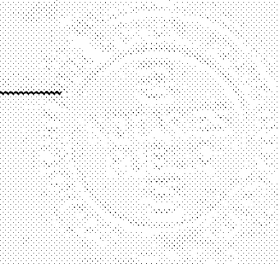
Name: Min-Sheo Choi, Director State of Daejeon County of Korea

Before me this day 2 of October, 2013, personally appeared Min-Sheo Choi to me known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he/she signed the same of his/her own free will for the purpose therein expressed.

[Signature] Notary Public

Pendragon Electronics and Telecommunications Research LLC

Signature: _____ Date: _____
Name: _____





Schedule 1 to Form of Recordable Patent Assignment

Family	Appin No	Patent No.	Status	Country	Filing Date	Issue date
ET162	US10/278,228	US6678431	Granted	US	10/23/2002	1/13/2004

등부 2013년 제 13306 호

Registered No. 2013 - 13306



인 증

Notarial Certificate

위 문 서 에

MIN-SHEO CHOI

기재된 촉탁인 최민서는

appeared before me and admitted said principal's subscription to the attached

본 공증인의 면전에서 위 촉탁인

FORM OF RECORDABLE PATENT ASSIGNMENT

본인이 서명 하였다고 자인 하였다.

2013 . 10 . 02 . 이 사무소에서

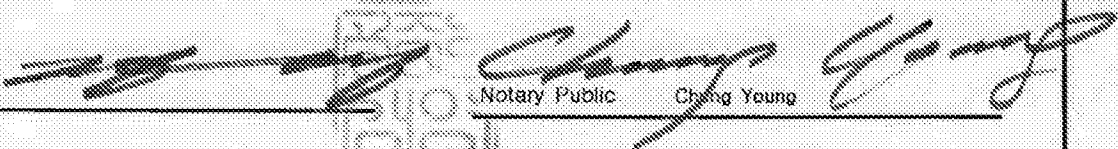
This is hereby attested on this 2nd day of October 2013 at this office.

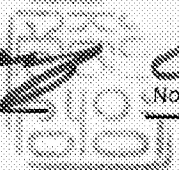
위 인 증 한다.

공 증 인 정 영 사 무 소
소 속 대 전 지 방 검 찰 형
대전광역시 서구 둔산동 1478 번지

NOTARY PUBLIC CHUNG YOUNG OFFICE
Belong to Dae Jeon District Prosecutor's Office
1478 DOONSAN-DONG, SEO-GU, DAEJEON, 302-831 KOREA

공증인


Notary Public Chung Young



This office has been authorized by the Minister of Justice, the Republic of Korea to act as Notary Public since 1 st day of September 2004 under Law No. 92

210mm×297mm
(인쇄용지(특급) 70g/m²)