PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee is listed incorrectly on October 25, 2010 assignment filing. Assignee is "Antozskij Research, L.L.C." previously recorded on Reel 025178 Frame 0846. Assignor(s) hereby confirms the Assignment.		

CONVEYING PARTY DATA

Name	Execution Date
Torsal Technology Group Ltd., LLC	10/22/2010

RECEIVING PARTY DATA

Name:	Antozskij Research, L.L.C.	
Street Address:	2711 Centerville Road, Suite 400	
City:	Wilmington	
State/Country:	DELAWARE	
Postal Code:	19808	

PROPERTY NUMBERS Total: 5

Property Type	Number
Patent Number:	5394561
Patent Number:	5452471
Patent Number:	5669062
Patent Number:	6131032
Patent Number:	6157834

CORRESPONDENCE DATA

 Fax Number:
 (206)292-0460

 Phone:
 2066221711

Email: jrose@schwabe.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Schwabe, Williamson & Wyatt, P.C.

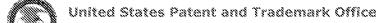
Address Line 1: 1420 5th Ave., Suite 3400
Address Line 4: Seattle, WASHINGTON 98101

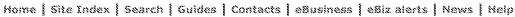
PATENT

REEL: 027766 FRAME: 0306

:H \$200.00 53945

ATTORNEY DOCKET NUMBER:	124554*
NAME OF SUBMITTER:	Jessica Rose
Total Attachments: 6 source=Antozskij_CorrectedAssignment_27 source=Antozskij_CorrectedAssignment_27 source=Antozskij_CorrectedAssignment_27 source=Antozskij_CorrectedAssignment_27 source=Antozskij_CorrectedAssignment_27 source=Antozskij_CorrectedAssignment_27	FEB2012#page2.tif FEB2012#page3.tif FEB2012#page4.tif FEB2012#page5.tif







Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Torsal Technology Group Ltd. LLC	10/22/2010

RECEIVING PARTY DATA

Name:	Antozskij Research Limited Liability Company , L.L.C.		
Street Address:	2711 Centerville Road, Suite 400		
City:	Wilmington		
State/Country:	DELAWARE		
Postal Code:	19808		

PROPERTY NUMBERS Total: 6

Property Type	Number
Patent Number:	6131032
Patent Number:	5327572
Patent Number:	5394561
Patent Number:	5669062
Patent Number:	5452471
Patent Number:	6157834

CORRESPONDENCE DATA

Fax Number: (206)292-0460

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

Phone: 206-622-1711
Email: patent@schwabe.com

Correspondent Name: Schwabe, Williamson & Wyatt P.C.
Address Line 1: 1420 5th Avenue, Suite 3400
Address Line 4: Seattle, WASHINGTON 98101

ATTORNEY DOCKET NUMBER:	119641-163152	
NAME OF SUBMITTER:	Tracy D. Gutscher	
Signature: /Tracy D. Gutscher/		
Date:	10/25/2010	

Total Attachments: 4

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RECEIPT INFORMATION

EPAS ID: PAT1355142 **Receipt Date:** 10/25/2010 **Fee Amount:** \$240

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Schedule B

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Torsal Technology Group Ltd. LLC, a Delaware limited liability company (the "Assignor"), ("Assignor"), does hereby sell, assign, transfer, and convey unto Antozskij Research/Limited Liability Company, a Delaware limited liability company ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents");

Patent or Application No.	Country	Filing Date	Title of Patent and Inventors
6131032	United States	1-Dec-97	Method and apparatus for monitoring users of a communications system
managa na magaman nya nya magambahin da	<u> </u>	*	Patel; Framodkumar
2190300	Canada	1-Mar-91	Networked satellite and terrestrial cellular. radiotelephone systems
			Freeburg, Thomas A
69129938.2	Germany	1-Mar-91	Networked satellite and terrestrial cellular radiotelephone systems
			Freeburg, Thomas A.
519021	France	1-Mar-91	Networked satellite and terrestrial cellular radiotelephone systems
			Freeburg, Thomas A.
519021	Great Britain	1-Mar-91	Networked satellite and terrestrial cellular radiotelephone systems
			Preeburg, Thomas A.
519021	Italy	1-Mar-91	Networked satellite and terrestrial cellular radiotelephone systems
·			Freeburg, Thomas A.
10-0104027	Korea South	1-Mar-91	Networked satellite and terrestrial cellular radiotelephone systems
موننده و در مربع سوسود ساد مربهها و به و داد ۱۳ سال ۱۳ سال ۱۳ سال ۱۳ سال ۱۳ سال در د و و در ۱۳ سال ۱۳ سال ۱۳ س ا	ļ		Freeburg, Thomas A.
5327572	United States	6-Mar-90	Networked satellite and terrestrial cellular radiotelephone systems
			Freeburg, Thomas A.
5394561	United States	22-Jul-93	Networked satellite and terrestrial cellular radiotelephone systems

			Freeburg, Thomas A.
2177077	Canada	11-Aug-95	Methods of demand-based adaptive channel reuse for telecommunication systems Olds, Keith Andrew; Cutler Jr., Victor Hawes; Davieau, Gerald Joseph
2300091	Great Britain	11-Aug-95	Methods of demand-based adaptive channel reuse for telecommunication systems Olds, Keith Andrew; Cutler Jr., Victor Hawes; Davieau, Gerald Joseph
5669062	United States	9-Sep-96	Methods of demand-based adaptive channel reuse for telecommunications systems Olds, Keith Andrew; Cutler Jr., Victor Hawes; Davieau, Gerald Joseph
5452471	United States	2-May-94	Network of hierarchail communication systems and method thereof Leopold, Raymond J.; Vatt, Gregory B.; Zancho, William F.
6157834	United States	29-Dec-97	Terrestrial and satellite cellular network interoperability Helm; Jim E., Magee; Steve, Bishop, Jr.; James William

- (b) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the Patents;
- (c) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) and (b), including, without limitation, certificates of invention and utility models;
- (d) all items in any of the foregoing in categories (b) through (c), whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like, but excluding design patents, registered designs and copyright protections;
- (e) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (d) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (d), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (d), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (d);
- (f) all rights to apply in any or all countries of the world for patents, certificates of invention, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (e), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

- (g) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (f), including, without limitation, all causes of action and other enforcement rights for
 - (1) damages,
 - (2) injunctive relief, and
 - (3) any other remedies of any kind

for past, current, and future infringement; and

(h) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (g).

Notwithstanding anything to the contrary above, Assignor fully retains any and all rights, (including the right to collect royalties under the Patents) under the nonexclusive licenses and covenants not to sue under the Patents that were granted prior to the date of this Assignment of Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed in Bellevue, Washington on October 22, 2010.

ASSIGNOR:

Torsal Technology Group Ltd. LLC

By: Vana Morris

Title: Authorized Person

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Dana Morris to the above Assignment of Patent Rights on behalf of Torsal Technology Group Ltd. LLC and makes the following statements:

- 1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
- 2. Dana Morris is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on October 21, 2010 to execute the above Assignment of Patent Rights on behalf of Torsal Technology Group Ltd. LLC.
- 3. Dana Morris subscribed to the above Assignment of Patent Rights on behalf of Torsal Technology Group Ltd. LLC.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on October 22, 2016 date)

Print Name: Paula M L

RECORDED: 02/27/2012

PAULA M. LOUD STATE OF WASHINGTON NOTARY PUBLIC

MY COMMISSION EXPIRES 06-06-14