

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Wayne Chang		02/09/2007
RECEIVING PARTY DATA		
Name:	AT&T Knowledge Ventures, L.P.	
Street Address:	645 E. Plumb Lane	
City:	Reno	
State/Country:	NEVADA	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12603365	
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ATTORNEY DOCKET NUMBER:	20103/2006-A0938CON	
NAME OF SUBMITTER:	Dennis A. Majewski	
<p>Total Attachments: 3</p> <p>source=Executued_Assignment_2006-A0938#page1.tif</p> <p>source=Executued_Assignment_2006-A0938#page2.tif</p>		

OP \$40.00 12603365

**501122139**

**PATENT**  
**REEL: 024096 FRAME: 0323**



## ASSIGNMENT

WHEREAS, Wayne Chang, a citizen of the United States of America, residing at 12805 Carrera Drive, Austin, Texas 78727; hereinafter called the "Assignor", have made the invention described in the United States patent application entitled "Methods and Apparatus to Visualize the Locations of Radio Frequency Identification (RFID) Tagged Items", Attorney Docket No. 20103/2006-0938 (SBC 2006-0938), for a full description of which reference is here made to an application for Letters Patent of the United States filed on February 12, 2007 and assigned Application Serial No. 11/673,829; and

WHEREAS, AT&T KNOWLEDGE VENTURES, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, hereinafter called the "Assignee", desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignor authorizes attorney or agent to fill in the U.S. Application Serial No. above, if required.

AND said Assignor authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.

Name of Inventor:

Wayne Chang

Signature of Inventor:



Date:

2/9/07

Witnesses for Inventor

First Witness:

\_\_\_\_\_  
Signature / Date

\_\_\_\_\_  
Full Name (printed)

Second Witness:

\_\_\_\_\_  
Signature / Date

\_\_\_\_\_  
Full Name (printed)

PATENTS ONLY

To the Honorable Commissioner of  
Patents and Trademarks:  
Please record the attached original  
document or copy thereof.

1. Name of party or parties conveying an interest:  <b>Wayne Chang</b>	2. Name and address of party or parties receiving an interest:  Name: AT&T Knowledge Ventures, L.P. a State of Nevada partership 645 E. Plumb Lane Reno, Nevada 89502
3. Description of the interest conveyed:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement  Execution Date: February 9, 2007	Other:
4. Application number(s) or patent number(s). Additional sheet attached? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>  A. Patent Application no.(s): 12/603,365 filed October 21, 2010	If the document is being filed together with a new application, the execution date of the application is:  B. Patent no.(s):
5. Name and address of party to whom correspondence concerning this cover sheet should be mailed: Name: Dennis A. Majewski Customer Number: 83417 Reg. No. 65,578 HANLEY, FLIGHT & ZIMMERMAN, LLC 150 S. Wacker Drive, Suite 2100 Chicago, Illinois 60606	6. Number of applications and/or patents identified on this cover sheet: 1 ----- 7. Amount of fee enclosed or authorized to be charged: \$40.00 ----- 8. <i>Any additional required fee may be charged,  or any overpayment credited to our deposit  account: 50-2455</i>

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document. I hereby certify that this paper is being electronically deposited with the United States Patent and Trademark Office on this date:

Date: March 10, 2010

/Dennis A. Majewski/  
Dennis A. Majewski  
Registration No.: 65,578