

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Peter L. Zimmerman	11/15/2004
RECEIVING PARTY DATA	
Name:	Glenayre Electronics, Inc.
Street Address:	11360 Lakefield Drive
City:	Duluth
State/Country:	GEORGIA
Postal Code:	30097
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5631503
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ATTORNEY DOCKET NUMBER:	GLEI119841
NAME OF SUBMITTER:	Melanie J. Seelig
Total Attachments: 2	
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ASSIGNMENT OF PATENTS

WHEREAS, Peter L. Zimmerman (hereinafter referred to as "ASSIGNOR"), pursuant to that certain assignment agreement between PERCOMM, INC., a Massachusetts corporation, and ASSIGNOR dated July 9, 2004, is the owner of the pending patent applications and issued patents in the United States Patent and Trademark Office, as referenced in the following Table A:

Table A

PATENT NO.	PATENT TITLE
5428638	METHOD AND APPARATUS FOR REDUCING POWER CONSUMPTION IN DIGITAL COMMUNICATIONS DEVICES
5631503	APPARATUS FOR GENERATING POWER FOR USE IN A COMMUNICATIONS DEVICE
6088457	METHOD AND APPARATUS FOR OVER THE AIR PROGRAMMING A COMMUNICATION DEVICE
6107967	BILLBOARD ANTENNA
6216001	SERVICE LEVEL INDICATION AND REGISTRATION PROCESSING IN A WIRELESS COMMUNICATION DEVICE

WHEREAS, ASSIGNOR has entered into that certain Asset Purchase and Licensing Agreement dated November 15, 2004 (hereinafter referred to as "AGREEMENT") with Glenayre Electronics, a Colorado corporation, with principal offices at 11360 Lakefield Drive, Duluth, Georgia 30097 (hereinafter referred to as "ASSIGNEE"), pursuant to which ASSIGNOR assigns to ASSIGNEE, in accordance with the terms and conditions of the AGREEMENT, the entire right and title to and interest in said pending patent applications and issued patents for said inventions listed in Table A above;

NOW, THEREFORE, effective November 15, 2004, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby assign and transfer unto ASSIGNEE its entire right, title to and interest in said pending patent applications and issued patents for said inventions listed in Table A, including, but not limited to, the right to apply for international patents and patents thereon in foreign countries in the name of ASSIGNEE, said inventions and all applications and issued patents on said inventions to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR has this assignment and transfer not been made, and ASSIGNOR, at ASSIGNEE's expense, does hereby further agree and promise to execute all instruments and render all reasonable assistance as ASSIGNEE may request in order to confirm in ASSIGNEE legal title to said inventions and all applications and issued patents on said inventions.

Executed in NEWTON, Massachusetts, this 15th day of November, 2004.

Peter L. Zimmerman,
Assignee

By: *Peter L. Zimmerman* Assignee

State of MASS

County of MIDDLESEX

On this 15th day of November, 2004, personally appeared before me, Peter L. Zimmerman, known to be the individual named above who executed the within and foregoing instrument, on oath stated that he was authorized to execute the instrument as the assignee of all assets owned by Percomm, Inc., and acknowledged it to be the free and voluntary act and deed, for the uses and purposes therein mentioned.

Lisa B. Darman
NOTARY PUBLIC **LISA B. DARMAN**
My Commission **NOTARY PUBLIC**
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 9/26/08