



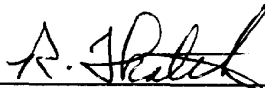
**ASSIGNMENT**

WHEREAS, we, Randy T. Tkatch, residing at 20 South Grosvenor Avenue, Burnaby, B.C., CANADA V5B 3N8, and Colin S.C. Quon, residing at 2031 East 23rd Avenue, Vancouver, B.C., CANADA V5N 2T9, are the inventors named in an application for Letters Patent of the United States, entitled METHOD FOR TRACKING TRANSACTION DATA FOR AN APPLICATION IN A WIRELESS MESSAGING SYSTEM, Serial No. 09/085,888;

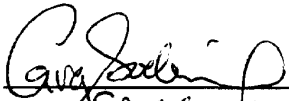
AND, WHEREAS, Glenayre Electronics, Inc., a Colorado corporation, having a principal place of business at 5935 Carnegie Boulevard, Charlotte, North Carolina 28209 (hereinafter referred to as ASSIGNEE), is desirous of acquiring my entire right and title to and interest in my invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE my entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in my name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by me had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to me.

Executed at Vancouver, B.C. Canada, this 15<sup>th</sup> day of July, 1998.



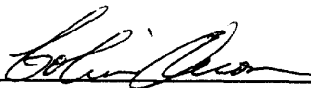
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Randy T. Tkatch

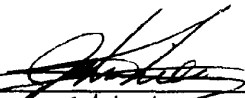
Witnessed By   
Typed Name GARY SOPER

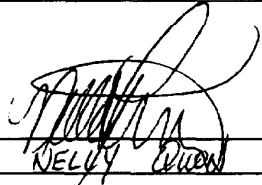
Witnessed By   
Typed Name RANDY HUGHES

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Executed at Vancouver, BC Canada, this 20 day of  
July, 1998.

  
\_\_\_\_\_  
Colin S.C. Quon

Witnessed By   
Typed Name JOHN LIEU

Witnessed By   
Typed Name KELLY QUON

GSF:nfs

