

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW HUNT	07/20/2011
RECEIVING PARTY DATA	
Name:	CORTINA SYSTEMS, INC.
Street Address:	1376 BORDEAUX DR.
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14066332
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	0067CORUSCON1/BIGGP106USA
NAME OF SUBMITTER:	THOMAS E. WATSON
Signature:	/Thomas E. Watson/
Date:	10/29/2013
Total Attachments: 2 source=Assignment HUNT#page1.tif source=Assignment HUNT#page2.tif	

OP \$40.00 14066332

ASSIGNMENT

WHEREAS ANDREW HUNT, citizen of Canada, residing at 11-371 Nelson St., Ottawa, Ontario, K1N 7S5, Canada ("the Employee"), is employed by Her Majesty The Queen In Right Of Canada, as represented by the Minister of Industry through the Communications Research Centre, having its office at 3701 Carling Avenue, P.O. Box 11490, Station "H", Ottawa, Ontario, K2H 8S2 ("CRC");

AND WHEREAS Cortina Systems, Inc., a corporation incorporated pursuant to the laws of Delaware having a place of business at 1376 Bordeaux Dr., Sunnyvale, California, 94089 ("Cortina"), executed a Services Agreement effective July 8, 2010 and Statement of Work #1, Statement of Work #2, and Statement of Work #3 pursuant thereto (collectively "the Services Agreements");

AND WHEREAS pursuant to the Services Agreements Cortina shall own all rights to, *inter alia*, the invention described and claimed in the patent application referenced below;

AND WHEREAS the Employee is an inventor of the invention disclosed and claimed in the patent application referenced below and his contribution thereto was made in the course of his employment with CRC, and in providing services on behalf of CRC to Cortina pursuant to the Services Agreements, for which full, proper and adequate consideration has been provided to, and received by, the Employee;

AND WHEREAS Cortina has requested that the Employee execute this Assignment to further document the conveyance of any and all rights the Employee has in and to the invention described and claimed in the patent application referenced below which was effected under the terms of the Services Agreements;

NOW THEREFORE, in consideration of the payment of monies to the Employee which have been received in full, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Employee does hereby sell, assign, transfer, and set over unto Cortina, its successors and assigns, the Employee's entire right, title, and interest in and to the inventions and discoveries disclosed in United States Patent Application entitled TIME VARYING DATA PERMUTATION APPARATUS AND METHODS, to be filed in the United States Patent Office (hereinafter referred to as the "Application") and in and to the Application and any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all patent applications and any continuations or divisions thereof filed in any country claiming priority from the Application, and in and to all Letters Patent which may be granted upon the Application or upon patent applications filed in any and all countries in the world including the United States of America, claiming priority from the Application, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by Cortina for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said

Letters Patent, or reissues, substitutions, or prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by the Employee had this assignment and sale not been made;

AND the Employee hereby agrees that, upon request, and without further consideration, but at the expense of Cortina, the Employee will communicate to Cortina or its representatives or nominees any facts known to the Employee respecting said inventions and discoveries and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid Cortina, its successors, assigns, and nominees to obtain and enforce proper patent protection for said inventions and discoveries in all countries, and the Employee further agrees to execute any and all further papers which may be necessary or desirable to vest or perfect the title of Cortina, its successors and assigns, in and to said inventions and discoveries, and in and to any and all Letters Patent or reissues thereof which may be granted upon application in any and all countries in the world.

AND the Employee hereby authorizes and requests any official whose duty it is to issue patents to issue each and every Letters Patent to be granted upon the aforesaid Application in any and all countries, and each and every reissue of said Letters Patent, to Cortina, its successors and assigns, as the assignee of the Employee's entire right, title and interest therein, in accordance with this assignment.

THIS assignment made effective immediately.

SIGNED this 20TH day of July, 2011.

Ken Driscie

WITNESS

Andrew Hunt

ANDREW HUNT