

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Andrew Ripple	03/23/2011
Michael Beeler	03/23/2011
RECEIVING PARTY DATA	
Name:	Comtech EF Data Corp.
Street Address:	2114 W. 7th St.
City:	Tempe
State/Country:	ARIZONA
Postal Code:	85281
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13071417
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NAME OF SUBMITTER:	Kenneth C. Booth
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OP \$40.00 13071417

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PATENT
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ASSIGNMENT

The following inventors ("Assignors") have invented certain improvements in a/an **A Method for the Secure Transmission of Information Using Multiple LPD and LPI Secondary Carriers under a Primary Carrier with Relative Carrier Offset** and filed on

March 24, 2011 a U.S. patent application, serial number 13071417,
(collectively the "Invention"):

Andrew Ripple, Lovettsville, Virginia
Michael Beeler, Jefferson, Maryland

Comtech EF Data Corporation ("Assignee"), a corporation of Arizona whose address is 2114 W. 7th Street, Tempe, AZ 85281, desires to acquire the entire right, title and interest in the Invention, and to any United States and foreign patents to be obtained from the Invention.

Accordingly, for good and valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby: 1) sell, assign, and transfer to Assignee, its successors and assigns, the entire right, title and interest in the Invention, including any divisions, continuations, and continuations-in-part of the above-identified application, and in and to any and all Letters Patent of the United States and foreign countries which may be granted or have granted for the Invention, and in and to any and all reissues reexaminations, extensions, or counterparts of the above-identified application, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and foreign countries; 2) authorize and request the Commissioner of Patents to issue any and all such Letters Patent granted upon the Invention to Assignee, its successors and assigns; and 3) agree that Assignee may apply for foreign Letters Patent on the Invention.


Assignors warrant and covenant that we have the full and unencumbered right to sell, assign, and transfer the interests hereby sold, assigned, and transferred and that we have not executed and will not execute any document or instrument in conflict with this Assignment. Assignors further covenant and agree that, upon the request and at the expense of Assignee, we will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to the Invention, communicate to Assignee all facts known to us relating to the Invention and its history; and perform all other lawful acts deemed necessary or desirable by Assignee and its legal representatives, to secure, maintain, and enforce patent protection for the Invention and for vesting title to the Invention in Assignee, and in particular to perfect title to the above-identified application including divisions, continuations, and continuations-in-part of the above-identified application, and any and all Letters Patents of the United States and foreign countries which may be granted or have been granted on the above-identified application, including reissues, reexaminations, extensions, or counterparts.

Assignors hereby grant to Comtech EF Data Corporation, or its designated representative, authority and power to insert on this Assignment any further identification which may be necessary or desirable for purposes of recordation of this Assignment.

Executed this 23 day of MARCH, 20 11 at GERMANTOWN MD.
(City and State)

By: 
Andrew Ripple

Executed this 23 day of MARCH, 20 11 at GERMANTOWN, MD.
(City and State)

By: 
Michael Beeler