

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3148257

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOU-SUN WU	03/04/2004
MARK FRANCIS SMITH	03/08/2004
JAMES NORMAN REMER	03/05/2004
RECEIVING PARTY DATA	
Name:	L-3 COMMUNICATIONS CORPORATION
Street Address:	600 THIRD AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10016
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	7312673
Patent Number:	7113056
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	918.914.3891
Email:	allenrichmond@cableone.net
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Address Line 4:	BARTLESVILLE, OKLAHOMA 74006
NAME OF SUBMITTER:	ALLEN RICHMOND
SIGNATURE:	/Allen Richmond/
DATE SIGNED:	12/15/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	
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DOCKET NO.: LCOM-0636

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

ASSIGNMENT

WHEREAS, we You-Sun Wu, Mark Francis Smith, James Norman Remer, hereinafter referred to as the assignors, residing respectively at 11 Wellesley Court, Princeton Junction, New Jersey 08550; 56 Woolford Avenue, Franklinville, New Jersey 08832; 116 Granville Drive, Cherry Hill, New Jersey 08034 are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. 10/773,947, filed February 6, 2004, entitled **RADIAL POWER DIVIDER/COMBINER**; and

WHEREAS, L-3 Communications Corporation, hereinafter referred to as the assignee, of 600 Third Avenue, 34th Floor, New York, New York 10016, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any release or releases or extension or extensions of said Letters Patent, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, renewed or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee to its nominee all known facts respecting said inventions or improvements, said application, and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to

DOCKET NO.: LCOM-0656

PATENT
 Joint Inventors
 (Pending Application;
 Application No. Known)

obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

March 4, 2004 Yong-Sun Wu (L.S.)
 Date Your-Sun Wu

STATE OF New Jersey :
 COUNTY OF Camden : SS

On this 4th day of March, year of 2004, before me personally came the above named Yong-Sun Wu to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

John A. Clarke-Ruff
 Notary Public

JOHN A. CLARKE-RUFF
 A Notary Public of New Jersey
 My Commission Expires April 17, 2004

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PATENT
Joint Inventors
(Pending Application;
Application No. Known)3/8/04
DateMark F. Smith (U.S.)
Mark Francis SmithSTATE OF New Jersey : SS
COUNTY OF Camden

On this 8th day of March, year of 2004, before me personally came the above named Mark Francis Smith to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Irish Charles Ratliff

Notary Public

LEON A. CLARKE-RATLIFF

A Notary Public of New Jersey

My Commission Expires April 17, 2008

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PATENT
Joint Inventors
(Pending Application;
Application No. Known)

March 5, 2004
Date

James Norman Reimer (L.S.)
James Norman Reimer

STATE OF New Jersey : SS
COUNTY OF Camden :

On this 5th day of March, year 2004, before me personally came the above named James Norman Reimer to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Paul Charles Ruffolo
Notary Public
1200 N. CLARK ROAD
A Notary Public of New Jersey
My Commission Expires April 17, 2004