

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3111340

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	L-3 COMMUNICATIONS CORPORATION	11/05/2014
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: 1		
	Property Type	Number
	Patent Number:	7836180
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	
Correspondent Name:	ALLEN RICHMOND	
Address Line 1:	2712 LEGACY COURT	
Address Line 4:	BARTLESVILLE, OKLAHOMA 74006	
NAME OF SUBMITTER:	ALLEN RICHMOND	
SIGNATURE:	/Allen Richmond/	
DATE SIGNED:	11/17/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 1		
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ASSIGNMENT

This Agreement is entered into by and between L-3 COMMUNICATIONS CORPORATION (hereinafter "ASSIGNOR") and L-3 COMMUNICATIONS CORPORATION (hereinafter "ASSIGNEE").

WHEREAS, U.S. 7,836,180 has not been assigned in the Assignment Records of the U.S. Patent Office;

WHEREAS, U.S. 7,836,180 is a continuation of U.S. 6,684,253;

WHEREAS, U.S. 6,684,253 has been assigned to ASSIGNOR in the Assignment Records of the U.S. Patent Office thus making ASSIGNOR the exclusive owner by assignment of the entire right, title and interest in and to U.S. 7,836,180;

WHEREAS, by this ASSIGNMENT document, ASSIGNOR desires to make a public record that ASSIGNEE is the exclusive owner by assignment of the entire right, title and interest in and to U.S. 7,836,180;

NOW, THEREFORE, to all whom it may concern, be it known that ASSIGNEE holds the full and exclusive right, title and interest, throughout the world, to U.S. 7,836,180.

DATE: 11/5/2014

L-3 COMMUNICATIONS CORPORATION

By [Signature]

DATE: 11/5/2014

L-3 COMMUNICATIONS CORPORATION

By [Signature]