502740925 03/27/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT RICHARDSON	02/25/2014
KARL OSBOURNE	02/25/2014

RECEIVING PARTY DATA

Name:	E2V TECHNOLOGIES (UK) LIMITED	
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City:	ity: CHELMSFORD, ESSEX	
State/Country:	tate/Country: UNITED KINGDOM	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14124464

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	38714-359192
NAME OF SUBMITTER:	ROBERT KINBERG
SIGNATURE:	/Robert Kinberg/
DATE SIGNED:	03/27/2014

Total Attachments: 2

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PATENT 502740925 REEL: 032537 FRAME: 0207

Attorney Docket No. 38714-359192

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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WHEREAS <u>Robert RICHARDSON</u>, of Chelmsford, and <u>Karl OSBOURNE</u> of Colchester, both of Great Britain referred to as the Assignor, has invented a certain improvement relating to <u>MAGNETRON FILTER</u>, which said Assignor has caused an application for United States Letters Patent to be prepared,

[]	said application having been filed in the United States Patent and Trademark Office on, a	as Application
	Serial No	• •
[xx]	said application having been filed under the Patent Cooperation Treaty on May 31, 2012, Application N	a.
	PCT/GB2012/051220, the United States of America being decignated	

AND WHEREAS E2V TECHNOLOGIES (UK) LIMITED, 106 Waterhouse Lane, Chelmsford, Essex, CMI 2QU, United Kingdom, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1,00), and other good and valuable consideration paid by said Assignee to said Assignor, the receipt of which is hereby acknowledged, said Assignor hereby assigns, sells, and transfers to said Assignee, and said Assignee's successors and assigns, the entire and exclusive right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof; said Assignee and said Assignee's successors and assigns, to have, hold, exercise, and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said Assignee and said Assignee's successors and assigns in as ample and beneficial a manner as the said Assignor might or could have held and enjoyed the same if this Assignment had not been made.

AND said Assignor hereby agrees to perform, upon the request of said Assignee, or said Assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application and on any and all divisions and continuations thereof to said Assignee and said Assignee's successors and assigns, in accordance herewith.

AND the Assignor hereby grants the firm Venable LLP of 575 7th Street, NW, Washington, DC 20004 the power to insert on this assignment any identifying information, including application number, and filing and execution dates, and to correct errors in spelling of names, addresses and dates which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

VENABLE LLP Washington, D.C. 20004 7628755-v1

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this 25 day of February 2014.	
ASSIGNOR: Signature: Name: Robert RICHARDSON	WITNESS: Signature: Name: G. COLPANIE
	Address: 58 STORTEGET ED
	WITNESS:
	Signature: Alleathamp
	Name: CR WFATHERLY PL Address: 38 QUEENS ROAD
<i>"</i> .	CHELINSFORD CMZ GILA
EXECUTED this 25 day of february, 2014.	
ASSIGNOR;	WITNESS:
Signature: Karl OSBOURNE	Signature: Signature: Name: Signature: Signa
	Address: 58 STORTEUR) RD ESSEX UK CME IDA
	WITNESS:
	Signature: Aulithman
	Name: CRWENTHERUA
	Address: 38 QUEENS RINGO

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VENABLE LLP
Washington, D.C. 20004

RECORDED: 03/27/2014

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> PATENT REEL: 032537 FRAME: 0209