

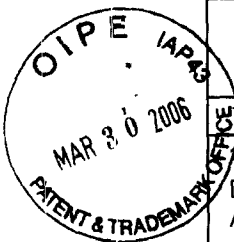
04-06-2006

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)J.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies):

Darrin Bowler  
Anthony Joel Challis  
Anthony James TokeleyAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

Name: E2V Technologies (UK) Limited

Internal Address: \_\_\_\_\_

Street Address: 106 Waterhouse LaneCity: ChelmsfordState: EssexCountry: United Kingdom Zip: CM1 2QUAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s): January 31, 2006☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other \_\_\_\_\_

## 4. Application or patent number(s):

A. Patent Application No.(s)

11/312,840☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: Robert Kinberg  
VENABLE LLPInternal Address: Atty. Dkt.: 41557-226866Street Address: P.O. Box 34385City: WashingtonState: DC Zip: 20043-9998Phone Number: (202) 344-4000Fax Number: (202) 344-8300

Email Address: \_\_\_\_\_

## 6. Total number of applications and patents involved:

17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 22-0261Authorized User Name Robert Kinberg

## 9. Signature:

Signature

3/30/06

Date

Robert Kinberg - 26,924

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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PATENT  
REEL: 017702 FRAME: 0464

WHEREAS Darrin BOWLER, Anthony Joel CHALLIS and Anthony James TOKELEY, all of Great Britain, hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to ELECTRON BEAM TUBE OUTPUT ARRANGEMENT, which said assignor has caused an application for United States Letters Patent to be prepared,

[ ] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

[X] said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, Serial Number 11/.

[ ] said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS E2V TECHNOLOGIES (UK) LIMITED, 106 Waterhouse Lane, Chelmsford, Essex CM1 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 therefore, 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.

EXECUTED, this 31<sup>st</sup> day of January, 2006.

WITNESSES:

Signature: [Signature]  
Name: MR MARTIN THOMSON  
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Signature: [Signature]  
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ASSIGNMENT  
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket  
41557-226866 RK

Page 2 of 2

EXECUTED, this 31<sup>st</sup> day of January, 2006.

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Name: Anthony Joel CHALLIS

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DC2DOCS1/709301

RECORDED: 03/30/2006

PATENT  
REEL: 017702 FRAME: 0466