| | U.S. PTO 11/784652 | 1 00 0007 |
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| ره٠٩٠١ | FORM PTO-1595 | 1-23-2007 DEPARTMENT OF COMMERCE |
| | 1-31-92 RE | Patent and Trademark Office |
| | Docket No. 07CR096/KE | 03398166 |
| | Name of conveying party(ies): | Name and address of receiving party(ies): |
| | Michael J. Krenz Pamela K. Hahn | Rockwell Collins, Inc. 400 Collins Road NE M/S 124-323 Cedar Rapids, IA 52498 |
| | Additional name(s) of conveying party(les) attached? | Additional name(s) and Address(es) attached:? |
| | ☐ YES ☒ NO | ☐ YES 🔯 NO |
| | 3. Nature of conveyance: Assignment | Security Agreement |
| | 4. Application number(s) or patent number(s): | |
| | Serial Nº Filed: April 9, 2007 | Express Mail Label Nº: EM 005 737 588 US |
| | If this document is being filed together with a new application, the execution date of the application is: April 9, 2007. | |
| | A. Patent Application No.(s) | B. Patent No.(s) |
| | Additional numbers attached: YES X NO | |
| | 5. Name and address of party to whom | 6. Total number of applications and patents |
| | correspondence concerning document should be | involved: ONE |
| | malled: | |
| | Customer No. 26383 | 7. Total fee (37 CFR 3.41) \$ 40.00 |
| | Rockwell Collins, Inc. Kyle Eppele 400 Collins Road, NE M/S 124-323 Cedar Rapids, IA 52498 | The Commissioner is hereby authorized to charge the recordation fee to deposit account 19-4882. (Attach duplicate copy of this page if paying by deposit account). |
| 20/2007 DBYRNE 00000213 194882 11784652 DO NOT USE THIS SPACE | | |
| FC:8d21 40.00 DA | | |
| | 9. Statement and signature. | |
| | To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | |
| | COPY FOR ACCOUNTING PURPOSES ONLY David S. Atkinson Reg. Nº 56,655 | DATE: April 9, 2007 Total number of pages including cover sheet: THREE ,(3) |

PATENT REEL: 019207 FRAME: 0750

ASSIGNMENT OF INVENTION

WHEREAS, Michael J. Krenz, of Cedar Rapids, County of _______, and State of Iowa hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in GRAPHICAL SELECTION OF OBJECTS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 07CR096/KE, in the patent files of the inventor's employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto ROCKWELL COLLINS, INC., the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL COLLINS, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Pateut on same will be granted, as fully and entirely as the same would have been held by said inventor had this Assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Raysids, County of Linn and State of Towa this 9 day of April 2007.

Michael J. Krenz

State of County of

Linn)

On this 9 day of April . 2007, before me personally appeared Michael J. Krenz to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)

DEBORAH A. HARTZ COMMISSION NUMBER 744149 MY COMMISSION EXPIRES NOVEMBER 28, 2009 Notary Public: Dehorah a-Hartz
My Commission Expires: 11-28-09
Commission Number: 144144

PATENT REEL: 019207 FRAME: 0751

ASSIGNMENT OF INVENTION

WHEREAS, Pamela K. Hahn, of Cedar Rapids, County of ______, and State of Iowa hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in GRAPHICAL SELECTION OF OBJECTS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 07CR096/KE, in the patent files of the inventor's employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto ROCKWELL COLLINS, INC., the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said KOCKWELL COLLINS, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventor had this Assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cator Rapids County of Linn Town this 9 day of April 2007. and State of

State of County of

On this 9 day of April 20<u>67</u>, before me personally appeared Pamela K. Hahn to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)

DEBORAH A. HARTZ NOVEMBER: 28, 2009

My Commission Expires: 11-28-Commission Number: 744144

REEL: 019207 FRAME: 0752

PATENT

RECORDED: 04/09/2007