

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steve Keith Hawkins</td> <td>06/15/1993</td> </tr> <tr> <td>Bruce Raymond Whitney</td> <td>06/15/1993</td> </tr> </tbody> </table>		Name	Execution Date	Steve Keith Hawkins	06/15/1993	Bruce Raymond Whitney	06/15/1993
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Steve Keith Hawkins	06/15/1993						
Bruce Raymond Whitney	06/15/1993						
RECEIVING PARTY DATA							
Name:	E-Systems, Inc.						
Street Address:	6250 LBJ Freeway						
City:	Dallas						
State/Country:	TEXAS						
Postal Code:	75240						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>5712872</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	5712872		
Property Type	Number						
Patent Number:	5712872						
CORRESPONDENCE DATA							
Fax Number:	7815226465						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	781-522-3051						
Email:	kate_e_emerson@raytheon.com						
Correspondent Name:	Kate Emerson c/o Raytheon Company						
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Address Line 4:	Waltham, MASSACHUSETTS 02451						
ATTORNEY DOCKET NUMBER:	93E934						
NAME OF SUBMITTER:	Kate Emerson						
This document serves as an Oath/Declaration (37 CFR 1.63).							
<b>Total Attachments: 2</b> source=93E934 Inventors to ESystems Assignment#page1.tif source=93E934 Inventors to ESystems Assignment#page2.tif							

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PATENT

ASSIGNMENT

WHEREAS, We, Steve Keith Hawkins and Bruce Raymond Whitney, both citizens of the United States and residents of Collin County, Texas and Kaufman County, Texas, respectively, have invented certain new and useful improvements in a "COMMUNICATION SYSTEMS IN OPEN ARCHITECTURE BUS LINES" for which we are about to make application for United States Letters Patent, the said application having been executed on 15 June 1973, and;

WHEREAS, E-Systems, Inc., a corporation of the State of Delaware, having offices at 6250 LBJ Freeway, Dallas, Texas 75240 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest

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title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

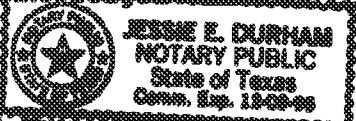
IN WITNESS WHEREOF, We have hereunto set our hands and seals this 15<sup>th</sup> day of June, 1993.

Steve Keith Hawkins  
Steve Keith Hawkins

Bruce Raymond Whitney  
Bruce Raymond Whitney

STATE OF Texas  
COUNTY OF Dallas

On this 15<sup>th</sup> day of June, 1993, before me, a Notary Public in and for the State and County aforesaid, personally appeared STEVE KEITH HAWKINS known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.



My Commission Expires: 12-9-96

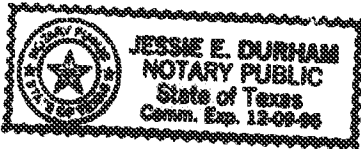
Jessie E. Durham  
Notary Public

STATE OF Texas  
COUNTY OF Dallas

On this 15<sup>th</sup> day of June, 1993, before me, a Notary Public in and for the State and County aforesaid, personally appeared BRUCE RAYMOND WHITNEY known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

My Commission Expires: 12-9-96

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