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To the Honorable Commissioner of Patents and T

nent.

101058101

1. Name of conveying party(ies):

Scott D. Miller, Ralph Phillipp, Curtis J. Larson and James L. Bartlett
99PS004/KE

Additional names(s) of conveying
party(ies) attached [] Yes [xx] No

Name: Rockwell Collins, Inc.

Street Address: 400 Collins Rd. NE

City: Cedar Rapids State: IA Zip: 52498

Additional name(s) and address(es)
attached? [] Yes [xx] No

3. Nature of Conveyance:

[xx] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: May 14, 1999 and May 17, 1999

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

If this document is being filed together with a new application, the execution date of the application is: May 25, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [xx] No

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

Name: Kyle Eppele
Internal Address: Patent Department 124-323
Street Address: 400 Collins Rd. NE
City: Cedar Rapids State: IA 52498

6. Total number of applications and patents involved 1

7. Total Fee (37 CFR 3.41): \$40.00

[] Enclosed

[xx] Authorized to be charged to deposit account

8. Deposit Account Number: 18-1722

(Attach duplicate copy if paying by Deposit Account)

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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.

Kyle Eppele Reg. #34,155

Name of Person Signing

Kyle Eppele
Signature

May 25, 1999

Date

Total number of pages comprising cover sheet [1]

Mail documents to be recorded with required cover sheet information to:

COMMISSIONER OF PATENTS AND TRADEMARKS
BOX ASSIGNMENTS
WASHINGTON, D.C. 20231

ASSIGNMENT OF INVENTION

WHEREAS, **Scott D. Miller**, of **Upland**, and State of **California**, and **Ralph Phillipp**, of **Huntington Beach**, and State of **California**, and **Curtis J. Larson**, of **Cedar Rapids**, and State of **Iowa**, and **James L. Bartlett**, of **Cedar Rapids**, and State of **Iowa** hereinafter sometimes referred to as the "inventors", have invented jointly certain new and useful improvements in

Passenger Entertainment System Having Downconverter Control Signals And Power Supplied Over Output Cables

which invention or inventions (hereinafter referred to as the "invention") have been disclosed to and filed, under Docket No. **99PS004/KE**, in the patent files of the inventors' 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 inventors have 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 Patent on same will be granted, as fully and entirely as the same would have been held by said inventors had this Assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents, whether US or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

1 of 5

Executed at **Pomona**, and State of **California**, this 14 day of **May**, 1999.

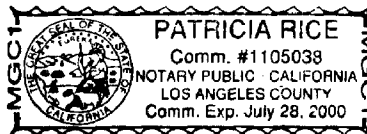
Scott D. Miller
Scott D. Miller Inventor

State of **California**)
County of **Los Angeles**)

On this 14th day of **May**, 1999, before me personally appeared **Scott D. Miller** 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)

Patricia Rice
Notary Public
My Commission Expires: JULY 28, 2000



2 of 5

Executed at **Pomona**, and State of **California**, this 14th day of **May**, 1999.

Ralph Phillipp
Ralph Phillipp Inventor

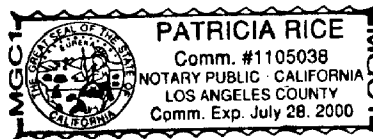
State of **California**)
County of **Los Angeles**)

On this 14th day of **May**, 1999, before me personally appeared **Ralph Phillipp** 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)

Patricia Rice
Notary Public

My Commission Expires: July 28, 2000



3 of 5

Executed at **Cedar Rapids**, and State of **Iowa**, this 17 day of **May**, 1999.

Curtis J. Larson
Curtis J. Larson Inventor

State of **Iowa**)
County of **Linn**)

On this 17th day of **May**, 1999, before me personally appeared **Curtis J. Larson** 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)

Sheila K. Mathews
Notary Public
My Commission Expires: 02/15/02

Executed at **Cedar Rapids**, and State of **Iowa**, this 17th day of **May**, 1999.

James L. Bartlett
James L. Bartlett Inventor

State of **Iowa**)
County of **Linn**)

On this 17th day of **May**, 1999, before me personally appeared **James L. Bartlett** 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)

Shirley L. Mathews
Notary Public
My Commission Expires: 02/15/02