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James L. Bartlett, James A. Wooldridge, and Christopher G. Olson 98CR050/KE	Name: Rockwell Collins, Inc.				
Additional names(s) of conveying party(ies) attached [ ] Yes [xx] No	Street Address: 400 Collins Road NE				
party(les) attaches [1] tes [M] tes	City: Cedar Rapids State: IA Zip: 52498				
3. Nature of Conveyance:					
[xx] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other  Execution Date: June 24, 1999	Additional name(s) and address(es) attached? [ ] Yes [xx] No				
1					
4. Application number(s) or patent number(s)	112+				
If this document is being filed together with a new application, the execu	ution date of the application is: June 24, 1999				
A. Patent Application No.(s)	B. Patent No.(s)				
Additional numbers att	ached? [ ] Yes [xx] No				
Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved 1				
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					
	7. Total Fee (37 CFR 3.41): \$40.00 [ ] Enclosed [xx] Authorized to be charged to deposit account				
	Deposit Account Number: <u>18-1722</u> (Attach duplicate copy if paying by Deposit Account)				
DO NOT USE	THIS SPACE				
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	∫ ( June 24, 1999				
Name of Person Signing Signature	Date				
01 FC:581 40.00 CH	omprising 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					
**AOI 11140   OI4, D.C. 2023					

PATENT REEL: 010066 FRAME: 0108

## ASSIGNMENT OF INVENTION

WHEREAS, James L. Bartlett, of Cedar Rapids, County of Linn, and State of Iowa; James R. Wooldridge, of Cedar Rapids, County of Linn, and State of Iowa; Christopher G. Olson, of Mt. Vernon, County of Linn, and State of Iowa, hereinafter sometimes referred to as the "inventors", have invented jointly certain new and useful improvements in

Hermetic Chip Scale Packaging Means And Method Including Self Test which invention or inventions (hereinafter referred to as the "invention") have been disclosed to and filed, under Docket No. 98CR050/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., their 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; rights in 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.

Executed at Cedar Rapids, County of Linn and State of Iowa this 24th of June, 1999.

James	L.	Ba	rtle	ett
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Inventor

James R. Wooldridge

Inventor

Christopher G. Olson

Inventor

State of IOWA)
County of LINN)

On this 24<sup>th</sup> of June, 1999, before me personally appeared James L. Bartlett, James R. Wooldridge and Christopher G. Olson to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same.

(Seal)

RECORDED: 06/24/1999

Notary Public

My Commission Expires:

2/15/02

PATENT REEL: 010066 FRAME: 0109