

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee previously recorded on Reel 023537 Frame 0510. Assignor(s) hereby confirms the Assignment.												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Debra J. GRAVES</td> <td>06/19/2007</td> </tr> <tr> <td>Rolf STEFANI</td> <td>06/18/2007</td> </tr> <tr> <td>William Brian PEMBERTON</td> <td>06/20/2007</td> </tr> <tr> <td>Alan Martin WILLIARD</td> <td>01/24/2008</td> </tr> <tr> <td>Ernest Joseph SIEGRIST</td> <td>01/24/2008</td> </tr> </tbody> </table>		Name	Execution Date	Debra J. GRAVES	06/19/2007	Rolf STEFANI	06/18/2007	William Brian PEMBERTON	06/20/2007	Alan Martin WILLIARD	01/24/2008	Ernest Joseph SIEGRIST	01/24/2008
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ARINC INCORPORATED</td> </tr> <tr> <td>Street Address:</td> <td>2551 Riva Road</td> </tr> <tr> <td>City:</td> <td>Annapolis</td> </tr> <tr> <td>State/Country:</td> <td>MARYLAND</td> </tr> <tr> <td>Postal Code:</td> <td>21401</td> </tr> </table>		Name:	ARINC INCORPORATED	Street Address:	2551 Riva Road	City:	Annapolis	State/Country:	MARYLAND	Postal Code:	21401		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (443)458-0958</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 443-569-0770</p> <p>Email: rprass@prassllp.com</p> <p>Correspondent Name: Prass LLP</p> <p>Address Line 1: 2661 Riva Road</p> <p>Address Line 2: Building 1000, Suite 1044</p> <p>Address Line 4: Annapolis, MARYLAND 21401</p>													
ATTORNEY DOCKET NUMBER:	046-0001-DIV												

OP \$40.00 12621158

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PATENT
REEL: 023548 FRAME: 0232

NAME OF SUBMITTER:

Ronald E. Prass, Jr.

Total Attachments: 8

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PATENT ASSIGNMENT

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11/18/2009
501019237

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
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<table border="1"><tr><td>Name:</td><td>LOCKHEED MARTIN CORPORATION</td></tr><tr><td>Street Address:</td><td>6801 Rockledge Drive</td></tr><tr><td>City:</td><td>Bethesda</td></tr><tr><td>State/Country:</td><td>MARYLAND</td></tr><tr><td>Postal Code:</td><td>20817</td></tr></table>	Name:	LOCKHEED MARTIN CORPORATION	Street Address:	6801 Rockledge Drive	City:	Bethesda	State/Country:	MARYLAND	Postal Code:	20817			
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ATTORNEY DOCKET NUMBER:	046-0001-DIV												
NAME OF SUBMITTER:	Ronald E. Prass, Jr.												

OP \$40.00 12621158

Attorney Docket No. 046-0001

ASSIGNMENT AND AGREEMENT

For value received, we, **Debra J. GRAVES** of Annapolis, Maryland, **Rolf STEFANI** of West River, Maryland, and **William Brian PEMBERTON** of Baltimore, Maryland, hereby sell, assign and transfer to ARINC Incorporated, a corporation of the State of Maryland, having an office at 2551 Riva Road, Annapolis, MD 21401 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to: **ACARS MESSAGES OVER IRIDIUM** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to ARINC Incorporated the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize ARINC Incorporated to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ARINC Incorporated to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to ARINC Incorporated in the United States and in all countries foreign to the United States, or to such nominees as ARINC Incorporated may designate.

We agree that, when requested, we shall, without charge to ARINC Incorporated but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Attorney Docket No. 046-0001

I covenant with ARINC Incorporated, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Debra J. Graves
Debra J. GRAVES

DATE: 6/19/07

STATE OF Maryland)
)ss
COUNTY OF Anne Arundel)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Debra J. GRAVES, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19th day of June, 2007.

My commission expires: May 1, 2008

CHARLOTTE L. MITCHELL
NOTARY PUBLIC
ANNE ARUNDEL COUNTY, MD
MY COMMISSION EXPIRES: MAY 1, 2008

Charlotte L. Mitchell
Notary Public Signature

Charlotte L. Mitchell
Printed Name of Notary Public

Attorney Docket No. 046-0001

I covenant with ARINC Incorporated, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Rolf Stefani
Rolf STEFANI

DATE: 6/18/2007

STATE OF Maryland)
)ss
COUNTY OF Anne Arundel)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Rolf STEFANI, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

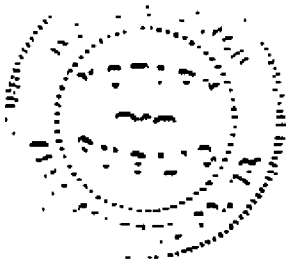
Given under my hand and notarial seal this 18th day of June, 2007.

My commission expires:

November 1, 2008

Ingrid E. Lemon
Notary Public Signature

Ingrid E. Lemon
Printed Name of Notary Public



Attorney Docket No. 046-0001

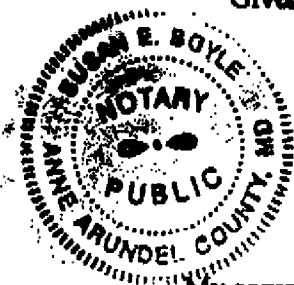
I covenant with ARINC Incorporated, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

William Brian PEMBERTON DATE: 06/20/2007

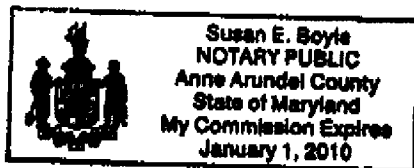
STATE OF Maryland)
)ss
COUNTY OF Anne Arundel)


The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that William Brian PEMBERTON, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 20 day of June, 2007.



My commission expires:




Notary Public Signature

SUSAN E. BOYLE
Printed Name of Notary Public

ASSIGNMENT AND AGREEMENT

For value received, we, **Alan Martin Williard** of Severn, Maryland, and **Ernest Joseph Siegrist** of Davisdonville, Maryland, hereby sell, assign and transfer to ARINC Incorporated, a corporation of the State of Maryland, having an office at 2551 Riva Road, Annapolis, MD 21401 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to: **ACARS MESSAGES OVER IRIDIUM** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to ARINC Incorporated the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize ARINC Incorporated to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ARINC Incorporated to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to ARINC Incorporated in the United States and in all countries foreign to the United States, or to such nominees as ARINC Incorporated may designate.

We agree that, when requested, we shall, without charge to ARINC Incorporated but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Attorney Docket No. 046-0001

I covenant with ARINC Incorporated, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Alan Martin Willard
Alan Martin Willard

DATE :

STATE OF Maryland)
)ss
COUNTY OF Anne Arundel)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Alan Martin Williard, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24th day of January, 2008.

My commission expires:



Notary Public Signature

Printed Name of Notary Public

Sylvia Roesch
Notary Public, Anne Arundel County, MD
My Commission Expires 12/23/2008

Attorney Docket No. 046-0001

I covenant with ARINC Incorporated, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.


Ernest Joseph Siegrist

DATE: 01/24/2008

STATE OF Maryland)
)ss
COUNTY OF Anne Arundel)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ernest Joseph Siegrist, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24th day of January, 2008.

My commission expires:


Notary Public Signature

Printed Name of Notary Public

Sylvia Roesch
Notary Public, Anne Arundel County, MD
My Commission Expires 12/23/2008