FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 4/12/00

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	nveying parties attached Execution Date Month Day Year
Name (line 1) Gerald M. Knoblach	03-17-00
Name (line 2)	Execution Date
Second Party	Month Day Year
Name (line 1) Eric A. Frische	03-17-00
Name (line 2)	
Receiving Party Mark if addition	al names of receiving parties attached
Name (line 1) Space Data Corporation	If document to be recorded is an assignment and the
Name (line 2)	receiving party Is not domiciled in the United States, an appointment of a domestic
Address (line 1) P.O. Box 1866	representative is attached. (Designation must be a separate document from
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Address (line 3) Chandler Arizona	85244-1866
City State/Country	Zip Code
Domestic Representative Name and Address Enter for the first R	eceiving Party only.
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U.S. Department of Commerce

Expires 06/30/99 OMB 0651-0027		Page 2		Patent and Trademark Office PATENT
Correspond	lent Name and Address	Area Code and Telephon	e Number	713-276-5941
Name	John W. Montgomery			
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attach	e best of my knowledge and be ned copy is a true copy of the o ated herein.			
	ohn W. Montgomery	Il () All	3	April 4, 2000
	ne of Person Signing	Signature		Date

PATENT

REEL: 010737 FRAME: 0913

ASSIGNMENT

WHEREAS, we, Gerald M. Knoblach and Eric A. Frische, have invented certain new and useful improvements in AIRBORNE CONSTELLATION OF COMMUNICATIONS PLATFORMS AND METHOD for which we have made an application for United States Letters Patent, the said application having been filed on June 29, 1999, and assigned Serial No. 09/342,440; and

WHEREAS, Space Data Corporation, an Arizona corporation, with a business address of P.O. Box 1866, Chandler, Arizona 85244-1866, (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 and in consideration of One U.S. Dollar (\$1.00 US) and other 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 the Patent Authorities in any PCT Country of the world and authorities in any other country of the world 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, make all lawful oaths, and generally do everything possible to vest 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.

PATENT REEL: 010737 FRAME: 0914

IN WITNESS WHEREOF, we have hereunto set our hands:

Date: _	3-17-00	Gerald M.	Lublack
		Gerald M. Knoblach	

STATE OF Arizona §
COUNTRY OF Mariespa §

On this 1 day of March, 2000, before me, a Notary Public in and for the State and Country aforesaid, personally appeared **GERALD M. KNOBLACH**, known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.



Christini R Hall Notary Public, State of arizona

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IN WITNESS WHEREOF, we have hereunto set our hands:

Date: 3-17-00	Eric C. Tusche	
	Eric A. Frische	

COUNTRY OF Mariloga

On this \(\frac{1}{1} \) day of \(\frac{1}{1} \) day of \(\frac{1}{1} \), 2000, before me, a Notary Public in and for the State and Country aforesaid, personally appeared **ERIC A. FRISCHE**, known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.



RECORDED: 04/12/2000

Notary Public, State of <u>Arizona</u>

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