

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Scott Harris Bloom</td><td>05/15/2001</td></tr><tr><td>Oskar Hammer Kirsten</td><td>05/15/2001</td></tr><tr><td>James J. Alwan</td><td>05/15/2001</td></tr></tbody></table>		Name	Execution Date	Scott Harris Bloom	05/15/2001	Oskar Hammer Kirsten	05/15/2001	James J. Alwan	05/15/2001		
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James J. Alwan	05/15/2001										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Airfiber, Inc.</td></tr><tr><td>Street Address:</td><td>16510 Via Esprillo</td></tr><tr><td>City:</td><td>San Diego</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92127</td></tr></table>		Name:	Airfiber, Inc.	Street Address:	16510 Via Esprillo	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92127
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11506155</td></tr></tbody></table>		Property Type	Number	Application Number:	11506155						
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Application Number:	11506155										
CORRESPONDENCE DATA											
Fax Number: (512)853-8801 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	5957-28505										
NAME OF SUBMITTER:	Dean M. Munyon										
Total Attachments: 2 source=Inventors to Airfiber no cover#page1.tif											

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PATENT
REEL: 022401 FRAME: 0713

PATENT
Client Code: AIRFIBE.002A
Page 1

ASSIGNMENT

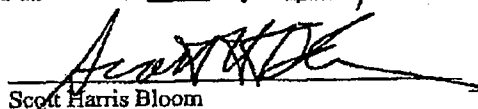
WHEREAS, We, Scott Harris Bloom, a U.S. citizen, residing at 319 Via Andalusia, Encinitas, CA 92024, Oskar Hammer Kirsten, a U.S. citizen, residing at 5101 Middleton Road, San Diego, CA 92109, James J. Alwan, a U.S. citizen, residing at 15523 Wyeport Road, Ramona, CA 92065, have invented certain new and useful improvements in a OPTICAL TRANSCEIVER DESIGN AND MECHANICAL FEATURES for which we have executed an application for Letters Patent in the United States,

AND WHEREAS, AIRFIBER, INC. (hereinafter "ASSIGNEE"), with its principal place of business at 16510 Via Esprillo, San Diego, CA 92127, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15TH day of MAY, 2001.


Scott Harris Bloom

STATE OF

COUNTY OF

ss.

On _____, before me, _____, personally appeared Scott Harris Bloom personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

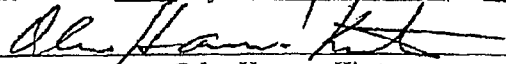
Notary Signature

PATENT
REEL: 011826 FRAME: 0498

PATENT
REEL: 022401 FRAME: 0715

PATENT
Client Code: AIRFIBE.002A
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15TH day of MAY, 2001.


Oskar Hamner Kirsten

STATE OF

}

COUNTY OF

On _____, before me, _____, personally appeared Scott Harris Bloom personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15TH day of MAY, 2001.


James J. Alwan

STATE OF

}

COUNTY OF

On _____, before me, _____, personally appeared James J. Alwan personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

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RECORDED: 05/16/2001

PATENT
REEL: 011826 FRAME: 0499

RECORDED: 03/16/2009

PATENT
REEL: 022401 FRAME: 0716