

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Scott Harris Bloom	12/13/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Airfiber, Inc.
<b>Street Address:</b>	16510 Via Esprillo
<b>City:</b>	San Diego
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92127
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11513493
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)853-8801
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	5128538800
<b>Email:</b>	cacker@intprop.com
<b>Correspondent Name:</b>	Meyertons, Hood, Kivlin, Kowert & Goetzel
<b>Address Line 1:</b>	700 Lavaca
<b>Address Line 2:</b>	Suite 800
<b>Address Line 4:</b>	Austin, TEXAS 78701
<b>ATTORNEY DOCKET NUMBER:</b>	5957-16301
<b>NAME OF SUBMITTER:</b>	Dean M. Munyon
<b>Total Attachments: 1</b> source=Bloom to Airfiber#page1.tif	

CH \$40.00 11513493

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**PATENT**  
**REEL: 024165 FRAME: 0765**

ASSIGNMENT

WHEREAS, I, Scott Harris Bloom, a United States citizen, residing at 319 Via Andalusia, Encinitas, CA 92024, have invented certain new and useful improvements in a **OPTICAL AMPLIFIERS IN A FREE SPACE LASER COMMUNICATION SYSTEM** for which I have executed an application for Letters Patent in the United States, on even date herewith;

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

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his 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 I 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, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to me 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, his 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 \_\_\_\_ day of \_\_\_\_\_, 2001.

Scott Harris Bloom 12-13-01  
Scott Harris Bloom

STATE OF }

ss.

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]

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\_\_\_\_\_  
Notary Signature