

4/3/02

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

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

04-11-2002



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10/114972  
04/03/02

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**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other \_\_\_\_\_

**U.S. Government**  
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**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1) BONJA, JEFFREY A.

Name (line 2) \_\_\_\_\_

Execution Date  
Month Day Year  
10 19 2001

**Second Party**

Name (line 1) \_\_\_\_\_

Name (line 2) \_\_\_\_\_

Execution Date  
Month Day Year

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) SCHOTT COMMUNICATIONS TECHNOLOGIES, INC.

Name (line 2) \_\_\_\_\_

Address (line 1) 15 SANDERSDALE ROAD

Address (line 2) \_\_\_\_\_

Address (line 3) SOUTHBRIDGE MA 01550  
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

10114972

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

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**PATENT**  
**REEL: 012767 FRAME: 0879**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

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**Pages** Enter the total number of pages of the attached conveyance document including any attachments.

#

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

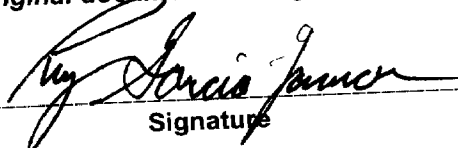
Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

RUY M. GARCIA-ZAMOR



4/3/02  
Date

Name of Person Signing

Reg. No. 44,117

**ASSIGNMENT**

Jeffrey A Bonja, residing at 180 Fiske Hill Road, Sturbridge, MA 01566, a citizen of the United States of America (hereafter the undersigned), is the inventor of

**ATHERMAL FIBER ARRAY DESIGN**

for which the undersigned filed an application for United States Letters Patent, U.S. Patent Application No. 60/281,278, filed April 3, 2001.

Schott Communications Technologies, Inc., a Massachusetts corporation, having its principal place of business at 15 Sandersdale Road, Southbridge, MA 01550, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues thereof, throughout the world, including the right to claim priority under the Paris Convention.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

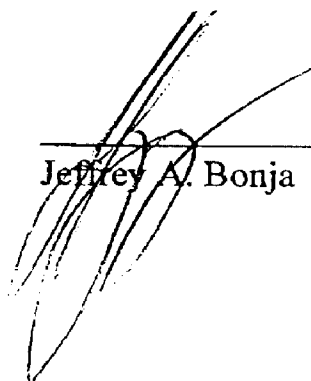
The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 19 day of October, 2001

at \_\_\_\_\_.

Witness:

\_\_\_\_\_



\_\_\_\_\_  
Jeffrey A. Bonja (L.S.)

State of \_\_\_\_\_

ss.

County of \_\_\_\_\_

On this \_\_\_ day of \_\_\_\_\_, 2001 before me personally appeared \_\_\_\_\_, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that \_\_\_ executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

\_\_\_\_\_  
Notary Public

My Commission Expires: