**To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.**

1. Name of conveying party(ies):
   - Christoph Georg Erben
   - Thomas Bert Gorczyca

2. Name and address of receiving party(ies):
   - Name: General Electric Company
   - Internal Address: __________________________________________
   - Street Address: 1 River Road
   - City: Schenectady State: NY Zip: 12345

3. Nature of conveyance:
   - [☑] Assignment
   - [☐] Merger
   - [☐] Security Agreement
   - [☐] Change of Name
   - [☐] Other ________________________________

4. Application number(s) or patent number(s):
   - If this document is being filed together with a new application, the execution date of the application is: 12/08/04
   - A. Patent Application No.(s) ________________________________
   - B. Patent No.(s) 12/08/04

5. Name and address of party to whom correspondence concerning document should be mailed:
   - Name: Patrick S. Yoder
   - Internal Address: FLETCHER YODER
   - 7915 F.M. 1960 West, Suite 330
   - Houston, TX 77070
   - Street Address: 7915 F.M. 1960 West, Suite 330
   - City: HOUSTON State: TX Zip: 77070

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $40.00
   - [☐] Enclosed
   - [☑] Authorized to be charged to deposit account

8. Deposit account number:
   - 07-0868; Order No. 150243-1/ (GERD:0270/YOD)
   (Attach duplicate copy of this page if paying by deposit account)

   - 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.
   - Patrick S. Yoder
   - Name of Person Signing
   - Signature
   - December 10, 2004

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 016082 FRAME: 0032
ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Christoph Georg Erben
Thomas Bert Gerczyca

of Clifton Park, New York
of Schenectady, New York

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

Optical Waveguide Devices And Method Of Making The Same

☒ executed concurrently herewith,
☐ filed on ____________ having Serial Number ____________

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.
INVENTOR 1

Signature: Christoph Georg Erben Date: 12/8/04

Witnessed by: Pratima Rangarajan Date: 12/8/04

Signature

Printed Name of Witness

Witnessed by: Eugene P Boden Date: 12/8/04

Signature

Printed Name of Witness

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Christoph Georg Erben

STATE OF )
COUNTY OF ) ss.

This _____ day of ________________, 2004, before me personally came the above named Christoph Georg Erben to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)
Thomas Bert Gorczyca

STATE OF

COUNTY OF

This _____ day of __________________, 2004, before me personally came the above named Thomas Bert Gorczyca to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)