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Name: Polychromix Corporation

Internal Address:

Street Address: 10 State Street  
Woburn, MA 01801

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3. Nature of conveyance:

- Assignment                       Merger
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Execution Date: 12/24/2003 and 02/17/2004

4. Application number(s) or patent number(s):  
10/446,299

If this document is being filed together with a new application, the execution date of the application is

- A. Patent Application No.(s)
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5. Name and address of party to whom correspondence Concerning document should be mailed:

Name: Jeffrey B. Powers  
Address: Lowrie, Lando & Anastasi, LLP  
One Main Street  
Eleventh Floor  
Cambridge, MA 02142

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$ 40.00

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Jeffrey B. Powers		2/23/04
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**ASSIGNMENT ACKNOWLEDGEMENT**

**WHEREAS**, the United States Government as represented by the Department of Energy, having an address at 1000 Independence Ave., SW Washington, DC 20585, United States of America, may have owned a right, title and interest to United States Patent Application Serial No. 10/446,299, filed May 28, 2003, titled TELECOMMUNICATIONS OPTICAL PROCESSOR, and/or inventions disclosed therein.

**WHEREAS**, POLYCHROMIX CORPORATION, a Massachusetts corporation, having a place of business at 10 State Street, Woburn, Massachusetts 01801, United States of America, did acquire all right, title and interest in and to said Patent Application and to all inventions therein disclosed and any and all patents of all countries which may be granted for said inventions, or any of them, from said United States Department of Energy, for good and valuable considerations to it, paid by POLYCHROMIX CORPORATION, according to the terms of the FUNDS-IN AGREEMENT FI0180107073, and subject to the terms therein, the receipt and sufficiency of which is hereby acknowledged.

**NOW, THEREFORE**, POLYCHROMIX CORPORATION, its successors and assigns, shall have, hold and enjoy said Patent Application and all inventions therein disclosed, and patents issuing therefrom to its and their own use to the full end of the term or terms for which they may exist, including the right to sue for past infringement, as provided in the FUNDS-IN AGREEMENT FI0180107073, and subject to the terms therein. It is acknowledged that the United States Government has been granted by POLYCHROMIX CORPORATION a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States, the inventions disclosed in said Patent Application.

United States Department of Energy

12-24-03  
Date

By: *Paul A. Gottlieb*  
Print Name: Paul A. Gottlieb

Title: Assistant General Counsel for  
Technology Transfer and  
Intellectual Property (GC-62)

Polychromix Corporation

2-17-04  
Date

By: *Michael A. Butler*  
Print Name: MICHAEL A. BUTLER

Title: VICE PRESIDENT  
RESEARCH + DEVELOPMENT.