06-18-2004



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office EET

|             | P 1  | 02769892  | A3246-US-NP  |
|-------------|--|---|--|
| To the      | e Honorable Commissioner of Patents a  | nd Trademarks: Please reco                      | ord the attached original assignment document.   |
| 1<br>2<br>3 | Name of Party(ies) conveying an  I. Ping Liu  2. Yiliang Wu  3. Beng S. Ong  I. Maria Birau  6.10                      | 704 Xerox<br>800 Lo<br>P.O. E                   | and Address of receiving Party(ies):  Corporation ong Ridge Road Box 1600 ord, CT 06904-1600 |
|             | Nature of Conveying party(ies)attached?  Nature of Conveyance:  Assignment Merger  Security Agreement Change of Nature | Execution (                                     | •  |
| lf          | Application number(s) or patent r f this document is being filed together wing 6/4/2  A. Patent Application No.(s)     | th a new application, the ex<br>2004—<br>3/2004 | ecution date of the application is:  |
|             | ,  | Additional numbers                              | s attached? Tyes X No  |
| C           | lame and Address of party to whom<br>orrespondence concerning document<br>hould be mailed:                             |   | oplications and patents involved = 1   |
| 1<br>X      | Patent Documentation Center Kerox Corporation 00 Clinton Avenue South Kerox Square 20th Floor Rochester, NY 14644      | 7. Total Fee (37 CFR Enclosed Authorized to be  | 3.41): \$ 40.00 charged to Deposit Account   |
| С           | CUSTOMER NUMBER: 25453   | 8. Deposit Accou                                | nt Number: <b>24-0025</b>  |
| T           | Statement and signature.   |   | true and correct and any attached copy is a  |
|             | ame of Person Signing<br>Zosan S. Soong  | Signature Re                                    | No. 33,333   |
|             | ate June 10, 2004  | -   | , , , , ,  |

01 FC:8021

**PATENT** 

REEL: 015454 FRAME: 0502

## **ASSIGNMENT**

Attorney File No.: A3246-US-NP

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled PROCESSES TO PREPARE SMALL MOLECULAR THIOPHENE COMPOUNDS (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

| ☑ is being executed concurrently herewith, |                              |           |        |       |  |  |
|--|------------------------------|-----------|--------|-------|--|--|
| was first executed on                      |                              |           |        |       |  |  |
| was filed on                               | as Application Number        | 1         |        |       |  |  |
| claims the benefit                         | of U.S. Provisional Applicat | tion(s) I | No(s). | filed |  |  |

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
- (2) agree that Xerox may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
- (4) authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

| Ving Li     | n                  |
|-------------|--------------------|
| Ping Liu    | Date June 03, 2004 |
| lon gelian  | )                  |
| Yiliang Wu  | - Time 02 2004     |
| /Ore A.V    | W                  |
| Beng S. Ong | Date True 3 2004   |
| dlui        |                    |
| Maria Birau | Date 3.06.200 h    |

RECORDED: 06/10/2004

PATENT REEL: 015454 FRAME: 0503