

4-12-02



TO THE ASSISTANT COMMISSIONER

102054385

original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1. Yichuan Pan
- 2. Mark Broschart
- 3. Peter J. Fellingham
- 4. Timothy T. Grady

4-12-02

Additional name(s) of conveying party(ies) attached?  
( ) Yes (X) No

2. Name and address of receiving party(ies):

Name: Encad, Inc.  
Street Address: 6059 Cornerstone Court West  
City: San Diego State: CA ZIP: 92121

Additional name(s) of receiving party(ies) attached?  
( ) Yes (X) No

3. Nature of conveyance:

- (X) Assignment
- ( ) Merger
- ( ) Security Agreement
- ( ) Change of Name
- ( ) Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) March 20, 2002

4. Application number(s) or Patent number(s):

- ( ) Application(s) filed herewith Execution Date(s):
- (X) Patent Application No.: 10/042,946  
Filing Date: January 8, 2002
- ( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas R. Arno  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995  
Internal Address: Sixteenth Floor  
Street Address: 620 Newport Center Drive  
City: Newport Beach State: CA ZIP: 92660  
Attorney's Docket No.: ENCAD.126A

7. Total fee (37 CFR 1.21(h)): \$40

- (X) Enclosed
- ( ) Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. 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.

Thomas R. Arno  
Name of Person Signing

Signature

4/9/02  
Date

40,490  
Registration No.

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:

04/12/2002 6TON11 00000163 10042946  
01 FC:581 40.00 DP

U.S. Patent and Trademark Office  
Attn: Assignment Division  
Crystal Gateway-4  
1213 Jefferson Davis Highway, Suite 320  
Arlington, VA 22202

S:\DOCS\USE\SE-2913.DOC  
040902

ASSIGNMENT

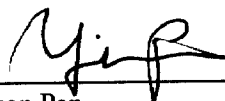
WHEREAS, We, Yichuan Pan, a People's Republic of China citizen, residing at 11865 Bridgewood Way, San Diego, California 92128; Mark Broschart, a United States citizen, residing at 11331 Belladonna Way, San Diego, California 92131; Peter J. Fellingham, a United States citizen, residing at 9054 Togan Avenue, San Diego, California 92129; and Timothy T. Grady, a United States citizen, residing at 13160 Triumph Drive, Poway, California 92064, have invented certain new and useful improvements in a INK JET PRINTHEAD QUALITY MANAGEMENT SYSTEM AND METHOD for which we have filed an application for Letters Patent in the United States;

AND WHEREAS, Encad, Inc. (hereinafter "ASSIGNEE"), a Delaware corporation, with its principal place of business at 6059 Cornerstone Court West, San Diego, California 92121, 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, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its 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 provisional applications relating thereto, 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 we 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, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us 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, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

3/20/02  
Date

  
Yichuan Pan

3/20/02  
Date

  
Mark Broschart

03-20-02  
Date

  
Peter J. Fellingham

03-20-02  
Date

  
Timothy T. Grady