Client Code: ENCAD.1194

12-19-2001



TO THE ASSISTANT CO!

101919420

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

James J. Haflinger

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

(X) Yes

COVER SHEET NLY

e attached original documents or copy thereof.

Name and address of receiving party(ies):

Name: ENCAD, INC. Internal Address:

Street Address: 6059 Cornerstone Court West City: San Diego State: CA ZIP: 92121-3734

Yes

Additional name(s) of receiving party(ies) attached?

()

(X)

Nο

- 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) November 7, 2001

- Application number(s) or Patent number(s):
 - Application(s) filed herewith Execution Date(s): November 7, 2001
 - () Patent Application No.: Filing Date:
 - Patent No.: Issue Date:

Additional numbers attached? ()

Yes

\$40.00

(X)

No

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

Jeffrey A. Birchak Name:

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.119A

7. Total fee (37 CFR 1.21(h)):

(X) Enclosed

- Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment
- Deposit account number: 11-1410

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

- Total number of applications and patents involved: 1
- 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.

Jeffrey A. Birchak

Name of Person Signing

Registration No. 46,200

Total number of pages including cover sheet, attachments and document: 3

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

00000027 10008790

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

> **PATENT** REEL: 012368 FRAME: 0687

12/19/2001 TDIAZ1

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PATENT

Application No.: Unknown Client Code: ENCAD.119A
Filing Date: Herewith Page 1

ASSIGNMENT

WHEREAS, I, James J. Haflinger, a USA citizen, residing at 4956 Sandshore Court, San Diego, California 92130, have invented certain new and useful improvements in a COMPENSATION METHOD FOR OVERLAPPING PRINT HEADS OF AN INK JET PRINTER for which I have executed an application for Letters Patent in the United States, on even date herewith;

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, I, the said inventor, do hereby acknowledge that I 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 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 I 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of Noy. , 2001.

James Maflinger

COUNTY OF SANDIE 6 3 ss.

On III 7 / 2001, before me, ALPITA ANGENO, personally appeared James J. Haflinger personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

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LUPITA ANDERSON
COMM. # 1318564
HOTARY PUBLIC • CALIFORNIA SAN DIEGO COUNTY
COMM. Exp. SEPT. 19, 2005

Notary Signature

Application No.: Unknown

Filing Date: Herewith

Client Code: ENCAD.119A

Page 1

ASSIGNMENT

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AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ________, 2001.

James Haflinger

COUNTY OF SANDIE 60 ss.

On 1117/2001, before me, dupita Awirson, personally appeared James J. Haslinger personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

RECORDED: 11/08/2001

[SEAL]

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LUPITA ANDERSON
COMM. # 1318564
NOTARY PUBLIC • CALIFORNIA
SAN DIEGO COUNTY

The Gufun Notary Signature

PATENT REEL: 012368 FRAME: 0689