

02-22-2001



FORM PTO-1596
1-31-92

101619676

BT

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 49657-968

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

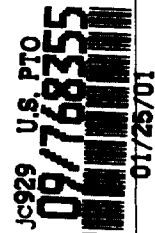
1. Name of Conveying Party(ies):
Shohei MORIWAKI, Yoshifumi AZEKAWA, Osamu
CHIBA

Additional name(s) of conveying party(ies) attached? Yes

1.75.01

2. Name and address of receiving party(ies):
Name: MITSUBISHI DENKI KABUSHIKI KAISHA
Address: 2-3, Marunouchi 2-chome,
Chiyoda-ku,
Tokyo, JAPAN 100-8310

Additional name(s) & address(es) attached? Yes



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: January 18, 2001

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is: January 18, 2001
A. Patent Application No(s).
B. Patent No(s).

Additional numbers attached? Yes

09768355

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT, WILL & EMERY
Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

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:
500417

02/21/2001 DBYRNE 00000084 500417 09768355

DO NOT USE THIS SPACE

01 FC:581 40.00 CH

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.

Gene Z. Rubinson, 33,351

Signature: *Gene Z. Rubinson* Date: January 25, 2001
Name and Registration No. of Person Signing
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Shohei MORIWAKI (4) _____ (7) _____
- (2) Yoshifumi AZEKAWA (5) _____ (8) _____
- (3) Osamu CHIBA (6) _____ (9) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Denki Kabushiki Kaisha of
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

THREE DIMENSIONAL GRAPHICS DRAWING APPARATUS FOR DRAWING POLYGONS BY ADDING
AN OFFSET VALUE TO VERTEX DATA AND METHOD THEREOF

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on January 18, 2001.

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- 1) *Shohei Moriwaki* January 18, 2001
Name: Shohei MORIWAKI
- 2) *Yoshifumi Azekawa* January 18, 2001
Name: Yoshifumi AZEKAWA
- 3) *Osamu Chiba* January 18, 2001
Name: Osamu CHIBA
- 4) _____
Name: _____
- 5) _____
Name: _____
- 6) _____
Name: _____
- 7) _____
Name: _____
- 8) _____
Name: _____
- 9) _____
Name: _____