

05-03-1999



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FORM PTO-1596
1-31-92

REGISTRATION FORM COVER SHEET

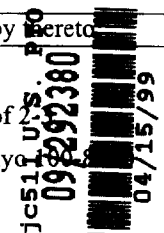
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 49657-371

PATENTS ONLY

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

Handwritten: 17000 4/15/99



1. Name of Conveying Parties:
Toyohiko YOSHIDA and Vasily MOSHNYAGA
Additional name(s) of conveying party(ies) attached? Yes

2. Name and address of receiving parties:
Names: 1. Mitsubishi Denki Kabushiki Kaisha of
Marunouchi 2-chome, Chiyoda-ku, Tokyo
JAPAN
2. Vasily MOSHNYAGA of 304 Kaizer Bldg., 2-5-32,
Umebayashi, Jonan-ku, Fukuoka-shi, Fukuoka 814-
0144, JAPAN

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: April 7, 1999

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

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: April 7, 1999

A. Patent Application No(s).
Additional numbers attached? Yes

B. Patent No(s).
09/292380

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

04/29/1999 JSHADAZZ 00000202 500417 09292380

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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.

Stephen A. Becker, 26,527

April 15, 1999

Name and Registration No. of Person Signing

Signature

Date

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) Toyohiko YOSHIDA (4) _____ (7) _____
- (2) Vasily MOSHNYAGA (5) _____ (8) _____
- (3) _____ (6) _____ (9) _____

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

- (1) Mitsubishi Denki Kabushiki Kaisha of
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
- (2) Vasily MOSHNYAGA of
304 Kaizer Bldg., 2-5-32, Umebayashi, Jonan-ku, Fukuoka-shi, Fukuoka
814-0144 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

ADAPTIVE DIFFERENCE COMPUTING ELEMENT AND MOTION ESTIMATION APPARATUS
DYNAMICALLY ADAPTING TO INPUT DATA

(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 April 7, 1999.

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) <u>Toyohiko Yoshida</u> Name: <u>Toyohiko YOSHIDA</u>	<u>April 7, 1999</u>
2) <u>Vasily Moshnyaga</u> Name: <u>Vasily MOSHNYAGA</u>	<u>April 7, 1999</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____
7) _____ Name: _____	_____
8) _____ Name: _____	_____
9) _____ Name: _____	_____