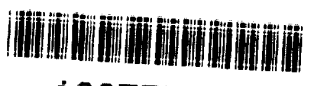
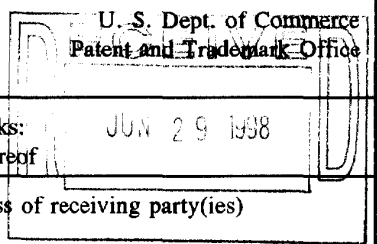


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Form PTO-1595
(Rev. 6/93)
OMB No. 0651-0011

07-08-1998

FEET



To t
Please refer to 100755898

Trademarks:
or copy thereof

1. Name of Conveying Party(ies):
 Jianming Tao
 Jason Tsai
 H. Dean McGee

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

3. Nature of conveyance:
 Assignment ___ Merger
 ___ Security Agt. ___ Change of Name
 ___ Other _____

Execution Date: March 24 & 20, 1998

2. Name and address of receiving party(ies)
 Name: FANUC Robotics North America, Inc.
 Internal Address: _____
 Street Address: 3900 W. Hamlin Road
 City: Rochester Hills State: Michigan Zip: 48309-3253
 Additional name(s) & address(es) attached: ___ Yes X No

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date is: _____

A. Patent Application No.(s) B. Patent No(s).
09/039,095 (filed March 13, 1998)

Additional numbers attached: ___ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Howard & Howard Attorneys, P.C.
 Internal Address: 1400 North Woodward Avenue, Suite 101
Bloomfield Hills, MI 48304
 Street Address: 1400 North Woodward Avenue, Suite 101
 City: Bloomfield Hills State: MI
 Zip: 48304

6. Total no. 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:
08-2789
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

07/08/1998 DHSUYEN 00000004 09039095

1 581 Statement and signature. ~~40700~~ ~~100~~ 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.

Signature

David J. Gaskey

24 JUNE 98
Date

Total number of pages including cover sheet, attachments and document: 4

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ASSIGNMENT
(Joint Inventors)

WHEREAS, we, Jianming Tao, Jason Tsai and H. Dean McGee, (hereinafter referred to as Assignors), residing respectively at 415 Drexelgate Parkway, Rochester Hills, Michigan 48307; 3555 Forest Hill, Bloomfield Hills, Michigan 48302 and 74 Texas Avenue, Rochester Hills, Michigan 48309 have invented new and useful improvements in:

METHOD OF CONTROLLING ROBOT MOVEMENT

which is set forth in United States Patent Application Serial No. 09/039,095 filed on March 13, 1998.

AND WHEREAS, FANUC Robotics North America, Inc., (hereinafter referred to as Assignee), of 3900 W. Hamlin Road, Rochester Hills, Michigan 48309-3253, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers

and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

IN TESTIMONY WHEREOF, I sign below this 24 day of March, 1998.

Tao Jianming
Jianming Tao

STATE OF MICHIGAN)
)
COUNTY OF)

Before me personally appeared said Jianming Tao, and acknowledged the foregoing instrument to be his own free act and deed, this 24th day of March, 1998.

Dianne C. Hubbard
(NOTARY)

SEAL

DIANNE C. HUBBARD
NOTARY PUBLIC - OAKLAND COUNTY, MI
MY COMMISSION EXPIRES 12/17/99

IN TESTIMONY WHEREOF, I sign below this 30 day of March, 1998.

Jason Tsai
Jason Tsai

STATE OF MICHIGAN)
)
COUNTY OF)

Before me personally appeared said Jason Tsai, and acknowledged the foregoing instrument to be his own free act and deed, this 30th day of March, 1998.

Dianne C. Hubbard
(NOTARY)

SEAL

DIANNE C. HUBBARD
NOTARY PUBLIC - OAKLAND COUNTY, MI
MY COMMISSION EXPIRES 12/17/99

IN TESTIMONY WHEREOF, I sign below this 24th day of March, 1998.

H. Dean McGee
H. Dean McGee

STATE OF MICHIGAN)
)
COUNTY OF)

Before me personally appeared said H. Dean McGee, and acknowledged the foregoing instrument to be his own free act and deed, this 24th day of March, 1998.

Dianne C. Hubbard
(NOTARY)

SEAL

DIANNE C. HUBBARD
NOTARY PUBLIC - OAKLAND COUNTY, MI
MY COMMISSION EXPIRES 12/31/99

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

David J. Gaskey
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1400 North Woodward Avenue
Suite 101
Bloomfield Hills, Michigan 48304-2856
(248) 645-1483

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