

09-04-2003



FORM PTO-1595	R	U.S. DEPARTMENT OF COMMERCE
102541464 PATENT ONLY		
2001 Staas & Halsey LLP		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		

00746 U.S. PTO
10/648192
08/27/03

1. Name of conveying party(ies):
Kazunori BAN
Ichiro KANNO
8-27-03
2. Name and Address of receiving party(ies):

FANUC LTD.
3580, Shibokusa, Aza-Komanba
Oshino-mura, Minamitsuru-gun
Yamanashi 401-0597 Japan
3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____
Execution Date(s): June 23, 2003
4. Application number(s) or patent number(s): **16648192**
☒ This document is being filed together with a new application:
(a) The execution date(s) of the application is/are: June 23, 2003
(b) The title is: DEVICE FOR DETECTING POSITION/ORIENTATION OF OBJECT
OR
☐ This document is being filed after filing of the application:
(a) Patent Application No(s). _____, filed _____; or
(b) Patent No(s). _____, issued _____
5. Name and address of party to whom correspondence concerning document should be mailed:
STAAS & HALSEY LLP
Attention: John C. Garvey
1201 New York Ave., N.W., Suite 700
Washington, D.C. 20005
Our Docket: 392.1813
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment)
☒ Enclosed
☐ Authorized to be charged to deposit account.
8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
(Attach duplicate copy of this page if paying by deposit account)
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.

John C. Garvey, Reg. No. 28,607
Name of Person Signing

Signature

8-27-03
Date

Total number of pages including cover sheet: 2

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PATENT
REEL: 014440 FRAME: 0214

U.S. ASSIGNMENT

SM 7/94

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

FANUC LTD.

3580, Shibokusa, Aza-komanba, Oshino-mura,
Minamitsuru-gun, Yamanashi, 401-0597 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

DEVICE FOR DETECTING POSITION/ORIENTATION OF OBJECT

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on ; (Insert date of execution of application, if not concurrent)

(b) filed on .

Serial No. / ;

Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Kazunori Ban 23/6/2003

Kazunori BAN

1) Harumi Omori

Harumi OMORI

2) Ichiro Kanno 23/6/2003

Ichiro KANNO

1) Harumi Omori

Harumi OMORI

3) _____

4) _____