

**PATENTS ONLY**

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1. Name of conveying parties:

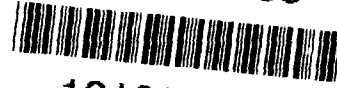
- (1) Akihiro TERADA
- (2) Mitsuhiro YASUMURA
- (3) Shinsuke NAKAO

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2. Name and address of receiving party:

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

06-11-1999



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3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other: \_\_\_\_\_

Execution Date(s): April 20, 1999

4. Application number(s) or patent number(s):

This document is being filed together with a new application:

- (a) The execution date(s) of the application is/are: April 20, 1999
- (b) The title is: DEADMAN SWITCH MECHANISM FOR EMERGENCY STOP OF ROBOT AND TEACHING OPERATION PANEL

\*\*\* 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 Our Docket: 392.1645/JDH  
700 Eleventh Street, N.W.  
Suite 500  
Washington, D.C. 20001

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.

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02 FC:581 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.*

James D. Halsey, Jr., Reg. No. 22,729  
Name of Person Signing

[Signature]  
Signature

April 26, 1999  
Date

Total number of pages comprising cover sheet: 2

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# U.S. ASSIGNMENT

5&H 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)

DEADMAN SWITCH MECHANISM FOR EMERGENCY STOP OF ROBOT AND TEACHING  
OPERATION PANAL

relating to International Patent Application PCT/JP 98/03772 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.

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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)	<u>Akihiro Terada</u> Akihiro TERADA	April 20, 1999	<u>Harumi Omori</u> Harumi OMORI
2)	<u>Mitsuhiro Yasumura</u> Mitsuhiro YASUMURA	April 20, 1999	<u>Harumi Omori</u> Harumi OMORI
3)	<u>Shinsuke Nakao</u> Shinsuke NAKAO	April 20, 1999	<u>Harumi Omori</u> Harumi OMORI
4)	_____	_____	_____
5)	_____	_____	_____
6)	_____	_____	_____