Document ID No.: 102720586

11-19-2004

RECORD

102884340

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party: Hiroyuki Suwa

-20084340

nmissioner for Patents:
documents or copy thereof.

2. Name and address of receiving parts:
Fanuc Ltd.
'580, shibokusa Aza-Komanbe,
mura, Minamitsuru-gun
'0597, Japan

3. Nature of conveyance:

CORRECTIVE ASSIGNMENT - Assignment Recorded 7/17/2003 at Reel 014312 Frame 0142. The spelling the Assignor is incorrect. The correct spelling for the Assignor should be Hiroyuki Suwa not Suwa Hiroyuki.

Execution Date: May 26, 2003

4. Application number(s) or patent number(s): 10/623,091

A. Patent Application No.(s):

10/623,091 Filed: July 17, 2003

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed to: Salvatore Anastasi

Barley Snyder, LLC 1000 Westlakes Drive, Suite 275 Berwyn, PA 19312

- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41) \$0.00. The filing fee of \$40.00 was previously collected by the Finance Office on April 14, 2004, for the 1st Corrective Assignment request filed on April 5, 2004, but was found Non-Recordable on September 30, 2004. Attached is a copy of Document ID No. 102720586 showing the filing fee charge, therefore this 2nd request for a Corrective Assignment does not require an additional filing fees.
- 8. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account # 501581.
- 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.

Total number of pages including cover sheet.

attachments, and document: 5

(Salvatore Anastasi Registration No. 39090

Attorney for Applicant(s)

Phone: 610.722.3899

Date: October 27, 2004 Docket No. 21334-1240

10.26.04/1327950_1.DOC

PATENT

REEL: 015990 FRAME: 0014





Tc

· for Patents:

102720586 at attached Original decuments or copy thereof. Please record

1. Name of conveying party: Hiroyuki Suwa Room 7-101, Funuc Mansyon Harimomi, 3511-1, Shibokusa, Oshino, Minamitsuru-gun Yamanashi, 401-0511, Japan

2. Name and address of receiving party. Fanuc Ltd. 3580, shibokusa Aza-Komanbe. Oshino-mura, Minamitsuru-gun Yamanashi, 401-0597, Japan

3. Nature of conveyance:

CORRECTIVE ASSIGNMENT - Assignment Recorded 7/17/2003 at Reel 014312 Frame 0142. The spelling the Assignor is incorrect. The correct spelling for the Assignor should be Hiroyuki Suwa not Suwa Hiroyuki,

- 4. Application number(s) or patent number(s): 10/623,091
 - Patent Application No.(s): 10/623,091; Filed: July 17, 2003

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed to: Salvatore Anastasi

6. Total number of applications and patents involved: 1

Barley Snyder, LLC 1000 Westlakes Drive, Suite 275 Berwyn, PA 19312

- 7. Total fee (37 CFR 3.41) \$40.00. A corrected Notice of Recordation of Assignment document is requested. Authorized to be charged to Deposit Account #501581.
- 8. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account # 501581.
- 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.

Total number of pages including cover sheet, attachments, and document: 6

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Salvatore Anastasi Registration No. 39090 Attorney for Applicant(s)

Phone: 610.722.3899 Date: April 5, 2004

Docket No. 21334-1241

4.5.04/1260302_1.DOC

PATENT

REEL: 015990 FRAME: 0015

ASSIGNMENT

I/We, Hiroyuki Suwa

who reside at

Room7-101, Fanuc Mansyon Harimomi, 3511-1, Shibokusa, Oshino, Minamitsuru-gun, Yamanashi, 401-0511, Japan

have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

"CARD CONNECTOR ASSEMBLY"

which application was executed by the inventor(s) on the date(s) or execution of this assignment and is identified by Fanuc Ltd. File Number 51536 and Japanese Patent Application No. 2002-209231 filed on July 18, 2002.

and Fanuc Ltd.

whose address is 3580, shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597, Japan

and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

- 1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said patent application in Japan, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicted upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the empowered officials of all governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct:

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- Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any or said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;
- my/our heirs and legal representatives, myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosure, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is July 4, 2002...

It testimony whereof I/we affixed my/our signature(s).

(Date) (Inventor) Hiroyuki Suwa
(Inventor) Hiroyuki Suwa

Yamamoto

May 26, 2003
(Date)

PATENT REEL: 015990 FRAME: 0017

RECORDED: 11/16/2004