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## 101685761 RECORL.... FUNIVI COVER SHEET **PATENTS ONLY**

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

Our File: 70099



Name (and address) of conveying party(ies)

Stefan KARLINGER Bobingerstrasse 50, D-86199 2. Name.and.Address.of . . receiving party(ies)

KUKA Roboter GmbH Blücherstrasse 144, D-86165

| EXACULTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Germany Augsburg, Germany Date: February 21,                                                                                                                    |
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| 2001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09834893                                                                                                                                                        |
| 3. Subm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | nission Type:                                                                                                                                                   |
| (X)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | New Resubmission Document ID# (Non-Recordation)                                                                                                                 |
| ()                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |
| 4. Natu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | re of conveyance:                                                                                                                                               |
| ( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Assignment; ( ) Merger<br>Security Agreement; ( ) Change of Nam<br>Other;                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Execution Date: February 21, 2001                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                 |
| 5. Appl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ication number(s) or patent number(s):                                                                                                                          |
| If this dapplicati                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ication number(s) or patent number(s): locument is being filed together with a new on, the execution date of the application is: 21, 2001                       |
| If this dapplicati                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | locument is being filed together with a new on, the execution date of the application is:                                                                       |
| If this dapplicati                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | locument is being filed together with a new on, the execution date of the application is: 21, 2001                                                              |
| If this dapplication in the second se | document is being filed together with a new on, the execution date of the application is: 21, 2001  at Application No.(s)  B. Patent No.(s)                     |
| If this capplication is applicated application of the second seco | Additional numbers attached () Yes (X) No                                                                                                                       |
| If this dapplication in the second se | Additional numbers attached () Yes (X) No e and address of party to whom correspondence terning document should be mailed:  Lew & Tuttle, P.C. Eborough Station |

**PATENT REEL: 011703 FRAME: 0783** 

| 8. Total fee (37 CFR 3.41) \$ <u>40.00</u>                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul><li>(X) Enclosed</li><li>( ) Authorized to be charged to deposit account</li><li>( ) Already submitted</li></ul>                                                                                                                                              |
| 9. Deposit account number: 13-0410                                                                                                                                                                                                                                |
| (Attach duplicate copy of this page if paying by deposit account)                                                                                                                                                                                                 |
| DO NOT USE THIS SPACE                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                   |
| 10. 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 James McGlew Reg. No. 31,903 Name of person signing                                                                                                                                                                                                          |
| April 12, 2001  Signature Date                                                                                                                                                                                                                                    |
| Total number of pages comprising cover sheet, attachments, and documents 3                                                                                                                                                                                        |
| JJM:sk Enclosures: - Assignment Document - Check for recording fee of \$40.00                                                                                                                                                                                     |
| SCARBOROUGH STATION<br>SCARBOROUGH, NEW YORK 10510<br>DATED: April 12, 2001                                                                                                                                                                                       |
| NOTE: IF THERE IS ANY FEE DUE AT THIS TIME, PLEASE CHARGE IT TO OUR DEPOSIT ACCOUNT NO. 13-0410 AND ADVISE.                                                                                                                                                       |
| I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL, REGISTRATION NO. EL151019216US IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231, ON April 12, 2001 |
| McGLEW AND TUTTLE, P.C., SCARBOROUGH STATION, SCARBOROUGH, NEW YORK 10510-0827  By: Date: April 12, 2003                                                                                                                                                          |
| · \                                                                                                                                                                                                                                                               |

PATENT REEL: 011703 FRAME: 0784

## **ASSIGNMENT**

| For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed, as a below                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| named inventor, I hereby sell and assign to KUKA Roboter GmbH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |
| of Blücherstr. 144, D-86165 Augsburg / Germany its successors and assigns or other legal representatives all my rights, title and interest, in and for the Ur America, in and to                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |
| ROBOT WITH EXTERNALLY POSITIONED PROTECTIVE HOSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |
| invented by me (if only one is named below) or us (if plural inventors are named below) and described tion for United States Letters Patent therefor, executed by me even date herewith, and all United States which may be granted therefor, and all divisions, continuations and extensions thereof, the said inte                                                                                                                                                                                                                                                                                                                                 | Letters Patent rest being the                |
| entire ownership of the said Letters Patent when granted, to be held and enjoyed by said KUKA Rob                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | oter GmbH                                    |
| , its successors, assigns or other legal representatives, to the f term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me or us if this assignment and sale had not been made;  And I hereby agree to sign and execute any further documents or instruments which may be necessand proper in the prosecution of the above-named application or in the preparation and prosecution of an continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment or interference proceedings, or otherwise to secure the title thereto in said assignee; | d and enjoyed essary, lawful, ny continuing, |
| And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to KUKA Roboter GmbH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | o said                                       |
| 1) Date Z1.7.7001 Inventor STEFAN KARUNGER Signate Same as Post Office Address Citizenship German Post Office Address Bobingerstrasse 50, 86199 Augsburg / German                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ture)                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| 2) DateInventor Citizenship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |
| Post Office Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| 3) Date Inventor Citizenship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |
| Post Office Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| 4) DateInventor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| ResidenceCitizenship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |
| Post Office Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
| 5) DateInventor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |
| ResidenceCitizenship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |
| Post Office Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
| Witness(es)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |
| · •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
| All)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |

PATENT REEL: 011703 FRAME: 0785

**RECORDED: 04/12/2001**