

03-12-2001



101631545

RECORDATION FORM COVER SHEET U. S. Dept. of Commerce
 Patent and Trademark Office

Form PTO-1595

(Rev. 6/93)

OMB No. 0651-0011

PATENTS ONLY

11046 U.S. PTO

09/789653

02/21/01

 To the Honorable Commissioner of Patents and Trademarks:
 Please record the attached original documents or copy thereof

2-21-01

1. Name of Conveying Party(ies):

 Leonard H. Bieman
 Edward W. Roney

Additional name(s) of conveying party(ies) attached?

___ Yes X No

2. Name and address of receiving party(ies)

Name: FANUC Robotics North America, Inc.Internal Address: (Same as Street Address)Address: 3900 W. Hamlin RoadCity: Rochester Hills State: MI Zip: 48309Additional name(s) & address(es) attached: ___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger ___ Other

___ Security Agt. ___ Change of Name

Execution Date: February 15, 20014. If this document is being filed together with a new application, the execution date is: February 15, 2001

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

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached: ___

Yes X No

09789653

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

Name: Samuel J. Haidle, Esq.HOWARD & HOWARDInternal Address: (Same as Street Address)Street Address: 39400 Woodward Avenue, Suite #101City: Bloomfield Hills State: MI Zip: 48304-51516. Total no. of applications and patents involved 17. Total fee (37 CFR 3.41) \$ 40.00
X 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)

03/09/2001 DBYRNE 00000105 09789653

01 FC:581

40.00 0P

DO NOT USE THIS SPACE9. 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.*

Signature

Samuel J. Haidle
 Reg. No. 42,619

February 21, 2001
 Date
Total number of pages including cover sheet, attachments and document: 3

ASSIGNMENT
(Joint Inventors)

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, **Leonard H. Bieman** and **Edward W. Roney** residing respectively at **3390 Harbours Boulevard, Waterford, Michigan 48328** and **40701 W. Mill Road Court, Novi, Michigan 48375**, do hereby assign, sell and set over to **FANUC Robotics North America, Inc.** organized and existing under the laws of the State of **Delaware** and having a place of business at **3900 W. Hamlin Road, Rochester Hills, MI 48309**, hereinafter referred to as ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**DETECTION ASSEMBLY FOR DETECTING
DISPENSED MATERIAL**

which is set forth in an application for Letters Patent in the United States executed on even date herewith, attorney docket number **65,017-159**; including the right of said ASSIGNEE, its successors, assigns or other legal representatives to file foreign patent applications corresponding to said application, and the right to claim the priority date of said 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, the same to be held and enjoyed by the ASSIGNEE, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

And we hereby covenant and agree that we, our heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of the ASSIGNEE, its successors, assigns, or other legal representatives 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 we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the ASSIGNEE in accordance with this Agreement.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Feb 15, 2001
Date

Leonard H. Bieman
Leonard H. Bieman

2/15/2001
Date

Edward W. Roney
Edward W. Roney

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

SAMUEL J. HAIDLE, ESQ.
HOWARD & HOWARD
39400 Woodward Avenue, Suite 101
Bloomfield, Hills, Michigan 48304-5151
(248) 645-1483

G:\fanuc\ip\ip00159\patent\AssignmentJoint.doc