Form PTO-1595 (Rev. 6/93) OMB No. 0651-0011		REC(	5-25-1999	U. S. Dept. of Commerce Patent and Trademark Office
THE DATE OF THE PARTY OF THE PA				
To the Honorable 101074545 Sopy mercof				
1. Name of Conveying Party(ies): Leonard H. Bieman			£'√}	ss of receiving party(ies)
Gary Rutledge Jun 2 1 1999 5		Name: FANUC Robotic	Name: FANUC Robotics North America, Inc.	
Additional name(s) of conveying party(ies) attached ADEMERS Yes No _XX_			Internal Address:	
3. Nature	of conveyance:		Street Address:3900 W.	Hamlin Road
XX	Assignment	Merger		
	Security Agt Change of Name		City:Rochester Hills St	ate: Michigan Zip: 48309
	Other		Additional name(s) & address(e	es) attached: Yes _XX_ No
Execut	ion Date: May 25, 1999		_	
4. Applic	ation number(s) or patent n	umber(s):	(0.21.	99
If this document is being filed together with a new application, the execution date is:				
A. Patent Application No.(s) B. Patent No(s).				
09/303,887				
Additional numbers attached: Yes XX No				
5. Name and address of party to whom correspondence concerning document should be mailed:		1 **	6. Total no. of applications and patents involved One	
Name:Robin W. Asher			- [	
Internal Address: Howard & Howard			7. Total fee (37 CF	FR 3.41) \$40.00
Street Address: 1400 N. Woodward Avenue, Suite 101				Enclosed Authorized to be charged to deposit account
			8. Deposit account	number:
City:Bloomfield Hills State:Michigan Zip:48304-2856			08-2789 (Attach duplicate cop	by of this page if paying by deposit account)
6/22/1999 INMARKEL 00000145 09303887 DO NOT USE THIS SPACE				
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.				
Pohin '	W. Asher		Ch'A	L 17 1000
	of Person Signing	- Signature		<u>June 17, 1999</u> Date
Total number of pages including cover sheet, attachments and documents, 2				

PATENT REEL: 010040 FRAME: 0348

## **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 Gary Rutledge, residing respectively at 32450 Shrewsbury, Farmington Hills, MI 48334 and 253 Bowdoin Hill, Rochester Hills, MI 48309, do hereby assign, sell and set over to FANUC Robotics North America, Inc. organized and existing under the laws of the State of Deleware and having a place of business at 3900 W. Hamlin Road, Rochester Hills, Michigan 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

## 3-D CAMERA

which is set forth in an application for Letters Patent in the United States executed on even date herewith SERIAL NO. 09/303,887 AND FILING DATE May 3, 1999, attorney docket number 65,017-092; 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.

Leonard H. Bieman

Gary Rutledge

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

> Robin W. Asher **HOWARD & HOWARD** 1400 North Woodward Avenue, Suite 101 Bloomfield, Hills, Michigan 48304-2856 (248) 645-1483

PATENT **RECORDED: 06/21/1999** REEL: 010040 FRAME: 0349