FORM PTO-1595 F (Rev. 6-93) DMB No. 0551-0011 (sup. 4/94)	OVER U.S. DEPARTMENT OF COMMERC
Tab settings ⇔ ⇔ ▼ 100807113	Please record the attached original documents or copy thereof.
	Name and address of receiving party(ies)
Name of conveying party(les): HANGUARD, ANDOMARIAN, TNG	Name: RVSI VANGUARD, INC.
VANGUARD AUTOMATION, INC.	Internal Address:
Additional name(s) of conveying party(les) attached? Yes No	Alice Tall Address.
3. Nature of conveyance:	1
∆ Assignment	Street Address: 10900 NORTH -STALLARD -PLACE
☐ Security Agreement ☐ Change of Name	
☐ Other	City: TUCSON State: AZ ZIP:85737
Execution Date: 8/20/98	Additional name(s) & address(es) attached? ☐ Yee 💢 No
A. Patent Application No.(s) O8/832, C47	B. Patent No.(s) Ittached? □ Yes X No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: STEPHEN T. SULLIVAN	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address:	Ø Enclosed
	☐ Authorized to be charged to deposit account
Street Address: 5060 N. 40TH STREET SUITE 120	Deposit account number:
City: PHOENIX State: AZ ZIP: 85018	(Attach duplicate copy of this page if paying by deposit account)
	SE THIS SPACE
Statement and signature.	mation is true and correct and any attached copy is a true copy 8/21/98
Name of Person Signing	Signature 2 Date
	g cover sheet, attachments, and document:
Commissioner of Patents & 1	n required cover sheet information to: Trademarks, Box Assignments n. D. C. 20231

ASSIGNMENT

This Assignment is made by and between Vanguard Automation, Inc., 10900 North Stallard Place, Tucson, Arizona 85737 (hereinafter "Assignor"), and its successor in interest, RVSI Vanguard, Inc., 10900 North Stallard Place, Tucson, Arizona 85737 (hereinafter "Assignee").

WHEREAS, Assignor is the sole owner of the invention described in U.S. patent application entitled "APPARATUS AND METHOD FOR FILLING BALL GRID ARRAY," Serial No. 08/832,647, filed on April 4, 1997; and

WHEREAS, Assignor, for valuable consideration provided, desire to assign his entire right, title and interest in and to this invention to Assignee;

Accordingly, the parties hereby agree as follows:

- 1. Assignor hereby irrevocably sells, assigns and conveys to Assignee its entire right, title and interest in and to the invention described in the patent application identified above, including the application itself and any and all continuation, continuation-in-part, divisional, continued prosecution applications, or reissue patent applications or extensions, and including any and all patents which may issue thereupon, within the United States and abroad, and including any and all rights of priority resulting from the filing of any such applications within the United States or abroad.
- Assignor hereby authorizes any governmental body or official to issue a
 patent or patents on the invention to and in the name of Assignee, its successors or
 assigns.

By the Assignor:

August 20, 1998

Date

Timothy J. Provencher

Director/of Mechanical Engineering

Vanguar Automation, Inc.

TOTAL P.07