03-25-2002 Form **PTO-1595** RECOR U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) 102028956 To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) RVSI Vanguard, Inc. 3-4-02 Name: Robotic Vision Systems, Inc. Internal Address: Additional name of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Street Address: 5 Shawmut Road Assignment Merger Security Agreement Change of Name City: Canton State: MA Zip: 02021 Other ___ Additional Name(s) & address(es) attached? ☐ Yes ⋈ No Execution Date: February 11, 2002 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data of the application is: A. Patent Application No.(s) B. Patent No.(s) 5,918,792 Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: SULLIVAN LAW GROUP 7. Total fee (37 CFR 3.41) \$ 40 Internal Address:___ □ Enclosed Authorized to be charged to deposit account 8. Deposit account number: Street Address: 5060 North 40th Street Suite 120 City: Phoenix State: AZ Zip: 85018 (Attach duplicate copy of this page if paying by deposit account) 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. March 4, 2002 Stephen T. Sullivan Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 3 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments 00000203 5918792 03/22/2002 DBYRNE Washington, D.C. 20231

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REEL: 012691 FRAME: 0645

PATENT RIGHTS ASSIGNMENT

This Assignment is made and executed by RVSI Vanguard, Inc., a corporation (hereinafter "Assignor"), to and in favor of Robotic Vision Systems, Inc., a corporation having its principal place of business at 5 Shawmut Road, Canton, Massachusetts (hereinafter "Assignee").

Whereas Assignor previously received the entire right, title and interest in and to the invention described in U.S. Patent Application Serial No. 08/832,647 filed April 4, 1997 and issued as United States Letters Patent 5,918,792, entitled "APPARATUS AND METHOD FOR FILLING A BALL GRID ARRAY" (hereinafter collectively referred to as "the Patent Application") by virtue of an Assignment recorded on August 24, 1998 at Reel 9404, Frame 0646; and

Whereas Assignor desires to assign its entire right, title and interest in and to the Patent Application to Assignee for valuable consideration; and

Whereas Assignee has provided such valuable consideration to Assignor;

Accordingly, the parties agree as follows:

- 1. Assignor hereby conveys and assigns to Assignee Assignor's entire right, title and interest in and to the Patent Application and the inventions disclosed therein, including all continuation, continuation-in-part and divisional applications and all continuing prosecution applications based in whole or in part on the Patent Application, and including all patents and reissues resulting from the Patent Application.
- 2. Assignor hereby assigns to Assignee Assignor's entire right, title and interest in and to all counterparts to the Patent Application that have been or may be filed outside the United States, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patent Application, further including all continuation, continuation-in-part and divisional applications and all continuing prosecution applications based in whole or in part on the non-U.S. counterparts, and still further including all patents, inventor's certificates, utility models and reissues based upon or resulting from any of the non-U.S. counterparts.
- 3. Assignor hereby grants to Assignee the sole and exclusive right to prosecute the Patent Application and all related patents and applications as described in Paragraphs 1 and 2 above, as well as any opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings. Assignor authorizes all governmental bodies having the power to issue patents, reissues, inventor's certificates or utility models to issue a patent, reissue, inventor's certificate or utility model based on

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the Patent Application or any related applications as described in Paragraphs 1 and 2 above in the name of Assignee.

- 4. Assignor agrees upon request and without further consideration, but at Assignee's expense: (a) to assist Assignee in prosecuting the Patent Application and all related applications as described in Paragraphs 1 through 3 above, as well as opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings; (b) to provide Assignee with information concerning the Patent Application to enable Assignee to obtain, secure and protect the rights granted under this Assignment; (c) to sign papers, take oaths and testify in legal proceedings to enable Assignee to obtain, secure and protect the rights granted under this Assignment; and (d) to perform all acts reasonably necessary to enable Assignee to obtain, secure and protect the rights granted under this Assignment.
- 5. Assignee may assign the rights under this Assignment in whole or in part. All references herein to Assignee include any successors or assigns of Assignee.
- 6. Assignor acknowledges that Assignee has provided valuable consideration for the rights granted under this Assignment.

Feb 11, 2002	Howard Stern
Date	

On this I day of Frhium, 2002, Howard stern, who is known to me to be the person whose name is subscribed to the foregoing instrument, personally appeared and executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, I have set my hand and official seal.

My Commission Expires:	Notary Public	CARRIEANN DANKIEVITCH Notary Public, State of New York No. 52-4917655 Qualified in Suffolk County Commission Expires January 11,2004
1/11/06	_	Carrellon Darlundo

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RECORDED: 03/04/2002