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UNITED STATES PATENT AND TRADEMARK OFFICE

RECORDATION FORM COVER SHEET

TRADEMARKS ONLY

OPR/FINANCE  
101340208 11/23/27

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name and address of conveying party:

GenRad, Inc.  
7 Technology Park Drive  
Westford, MA 01886-0033

a Massachusetts corporation

2. Name and address of receiving party:

Fleet National Bank, as Agent  
100 Federal Street  
Boston, MA 02110

3. Nature of conveyance: Trademark Collateral Security and Pledge Agreement

Execution date: March 24, 2000

4. Application numbers and registration numbers:

A. Trademark numbers:

See Schedule A attached hereto.

B. Trademark application numbers:

See Schedule A attached hereto.

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

Christopher Reid Smith, Esq.  
Bingham Dana LLP  
150 Federal Street  
Boston, Massachusetts 02110

6. Total number of applications and trademarks involved: 22

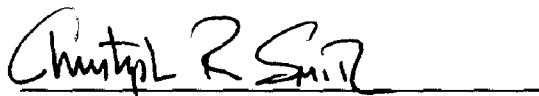
7. Total fee enclosed: \$565.00

04/28/2000 JSHABRZZ 00000177 75301369  
40.00 OP  
525.00 OP  
01 FC:481  
02 FC:482

8. Deposit account number: Not applicable

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.

A handwritten signature in black ink, appearing to read "Christopher Reid Smith", written over a horizontal line.

Christopher Reid Smith

April 3, 2000

Total number of pages submitted (including cover sheet and any attached Schedules, and conveyance document and any attached Schedules): 20

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office  
Office of Public Records  
Crystal Gateway 4, Room 335  
Washington, D.C. 20231

SCHEDULE A

Trademarks and Trademark Registrations

Trademark  
or  
Service Mark

Registrations --  
United States Patent and Trademark Office  
Registration No.                      Registration Date

GR	0746,850	March 19, 1963
GR & Des	0746,885	March 19, 1963
GENRAD	1,121,751	July 10, 1979
DIGIBRIDGE	1,123,631	August 7, 1979
HILO	1,647,992	June 18, 1991
GENEVA	1,801,452	October 26, 1993
VXiscan	1,850,612	August 23, 1994
VIPER	2,086,214	August 5, 1997
GR TECHNOLOGIES	2,106,954	October 21, 1997
GR TECHNOLOGIES & Des.	2,115,988	November 25, 1997
GR VISION	2,275,830	September 7, 1999

Trademark  
or  
Service Mark

Pending Applications --  
United States Patent and Trademark Office  
Serial No.                      Filing Date

TECHNOLOGY OF KNOWLEDGE	75/301,369	June 2, 1997
THE TECHNOLOGY OF KNOWLEDGE	75/450,407	March 16, 1998
GR SOFTWARE	75/450,552	March 16, 1998
GENRAD	75/450,553	March 16, 1998
GR ACCELERATE	75/450,570	March 16, 1998
GR	75/450,727	March 16, 1998
GR & Des	75/489,857	May 20, 1998
SFLM	75/728,127	June 14, 1999
SFDM	75/728,132	June 14, 1999
ICC Industrial Computer Corp.	75/728,135	June 14, 1999
PXISCAN	75/728,143	June 14, 1999

**TRADEMARK COLLATERAL  
SECURITY AND PLEDGE AGREEMENT**

**TRADEMARK COLLATERAL SECURITY AND PLEDGE AGREEMENT**, dated as of March 24, 2000, between GenRad, Inc., a Massachusetts corporation having its principal place of business at 7 Technology Park Drive, Westford, Massachusetts 01886-0033, (the "Assignor"), and Fleet National Bank, a national banking association having an office at 100 Federal Street, Boston, Massachusetts 02110, as agent (hereinafter, in such capacity, the "Agent") for itself and other lending institutions (hereinafter, collectively, the "Banks") which are, or may in the future become, parties to that certain Revolving Credit and Term Loan Agreement, dated as of March 24, 2000 (as amended and in effect from time to time, the "Credit Agreement"), among the Assignor, GenRad Holdings Limited ("Holdings"), a corporation organized under the laws of England and Wales, GenRad Europe Limited ("GenRad Europe"), a corporation organized under the laws of England and Wales, and GenRad Limited ("GenRad Ltd." and together with the Holdings and GenRad Europe, the "Borrowing Subsidiaries"), a corporation organized under the laws of England and Wales, the Banks and the Agent.

**WHEREAS**, it is a condition precedent to the Banks making any loans or otherwise extending credit to the Assignor and the Borrowing Subsidiaries under the Credit Agreement that the Assignor execute and deliver to the Agent, for the benefit of the Banks and the Agent, a trademark agreement in substantially the form hereof;

**WHEREAS**, the Assignor has executed and delivered to the Agent, for the benefit of the Banks and the Agent, the Security Agreement (as defined in the Credit Agreement) dated as of the date hereof, pursuant to which the Assignor has granted to the Agent, for the benefit of the Banks and the Agent, a security interest in certain of the Assignor's personal property and fixture assets, including without limitation the trademarks, service marks, trademark and service mark registrations, and trademark and service mark registration applications listed on Schedule A attached hereto, all to secure the payment and performance of the Obligations (as defined in the Credit Agreement); and

**WHEREAS**, this Trademark Agreement is supplemental to the provisions contained in the Security Agreement;

**NOW, THEREFORE**, in consideration of the premises contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

**1. DEFINITIONS.**

Capitalized terms used herein and not otherwise defined herein shall have the respective meanings provided therefor in the Credit Agreement and the Security Agreement. In addition, the following terms shall have the meanings set forth in this §1 or elsewhere in this Trademark Agreement referred to below:

Assignment of Marks. See §2.1.

Associated Goodwill. All goodwill of the Assignor and its business, products and services appurtenant to, associated with or symbolized by the Trademarks and the use thereof.

Pledged Trademarks. All of the Assignor's right, title and interest in and to all of the Trademarks, the Trademark Registrations, the Trademark License Rights, the Trademark Rights, the Associated Goodwill, the Related Assets, and all accessions to, substitutions for, replacements of, and all products and proceeds of any and all of the foregoing.

PTO. The United States Patent and Trademark Office.

Related Assets. All assets, rights and interests of the Assignor that uniquely reflect or embody the Associated Goodwill, including the following:

(a) all patents, inventions, copyrights, trade secrets, confidential information, formulae, methods or processes, compounds, recipes, know-how, methods and operating systems, drawings, descriptions, formulations, manufacturing and production and delivery procedures, quality control procedures, product and service specifications, catalogs, price lists, and advertising materials, relating to the manufacture, production, delivery, provision and sale of goods or services under or in association with any of the Trademarks; and

(b) the following documents and things in the possession or under the control of the Assignor, or subject to its demand for possession or control, related to the production, delivery, provision and sale by the Assignor, or any affiliate, franchisee, licensee or contractor, of products or services sold by or under the authority of the Assignor in connection with the Trademarks or Trademark Rights, whether prior to, on or subsequent to the date hereof:

(i) all lists, contracts, ancillary documents and other information that identify, describe or provide information with respect to any customers, dealers or distributors of the Assignor, its affiliates or franchisees or licensees or contractors, for products or services sold under or in connection with the Trademarks or Trademark Rights, including all lists and documents containing information regarding each customer's, dealer's or distributor's name and address, credit, payment, discount, delivery and other sale terms, and history, pattern and total of purchases by brand, product, style, size and quantity;

(ii) all agreements (including franchise agreements), product and service specification documents and operating, production and quality control manuals relating to or used in the design, manufacture,

production, delivery, provision and sale of products or services under or in connection with the Trademarks or Trademark Rights;

(iii) all documents and agreements relating to the identity and locations of all sources of supply, all terms of purchase and delivery, for all materials, components, raw materials and other supplies and services used in the manufacture, production, provision, delivery and sale of products or services under or in connection with the Trademarks or Trademark Rights; and

(iv) all agreements and documents constituting or concerning the present or future, current or proposed advertising and promotion by the Assignor (or any of its affiliates, franchisees, licensees or contractors) of products or services sold under or in connection with the Trademarks or Trademark Rights.

Trademark Agreement. This Trademark Collateral Security and Pledge Agreement, as amended and in effect from time to time.

Trademark License Rights. Any and all present rights and interests (whenever accrued or arising) or future rights and interests of the Assignor pursuant to any and all past, present and future franchising or licensing agreements in favor of the Assignor, or to which the Assignor is a party, pertaining to any Trademarks, Trademark Registrations, or Trademark Rights owned or used by third parties in the past, present or future, including the right (but not the obligation) in the name of the Assignor or the Agent to enforce, and sue and recover for, any breach or violation of any such agreement to which the Assignor is a party.

Trademark Registrations. All present federal, state, local and foreign registrations of the Trademarks (whenever accrued or arising) or future federal, state, local and foreign registrations of the Trademarks, all past, present and future applications for any such registrations (and any such registrations thereof upon approval of such applications), together with the right (but not the obligation) to apply for such registrations (and prosecute such applications) in the name of the Assignor or the Agent, and to take any and all actions necessary or appropriate to maintain such registrations in effect and renew and extend such registrations.

Trademark Rights. Any and all present rights (whenever accrued or arising) or future rights in, to and associated with the Trademarks throughout the world, whether arising under federal law, state law, common law, foreign law or otherwise, including the following: all such rights arising out of or associated with the Trademark Registrations; the right (but not the obligation) to register claims under any state, federal or foreign trademark law or regulation; the right (but not the obligation) to sue or bring opposition or cancellation proceedings in the name of the Assignor or the Agent for any and all past, present and future infringements or dilution of or any other damages or injury to the Trademarks, the Trademark Rights, or the Associated Goodwill, and the rights to damages or profits due or accrued arising out of or in connection with any such

past, present or future infringement, dilution, damage or injury; and the Trademark License Rights.

**Trademarks.** All of the trademarks, service marks, designs, logos, indicia, trade names, corporate names, company names, business names, fictitious business names, trade styles, elements of package or trade dress, and other source and product or service identifiers, used or associated with or appurtenant to the products, services and businesses of the Assignor, that (a) are set forth on Schedule A hereto, or (b) have been adopted, acquired, owned, held or used by the Assignor or are now owned, held or used by the Assignor, in the Assignor's business, or with the Assignor's products and services, or in which the Assignor has any right, title or interest, or (c) are in the future adopted, acquired, owned, held and used by the Assignor in the Assignor's business or with the Assignor's products and services, or in which the Assignor in the future acquires any right, title or interest.

**use.** With respect to any Trademark, all uses of such Trademark by, for or in connection with the Assignor or its business or for the direct or indirect benefit of the Assignor or its business, including all such uses by the Assignor itself, by any of the affiliates of the Assignor, or by any franchisee, licensee or contractor of the Assignor.

Unless otherwise provided herein, the rules of interpretation set forth in §1.2 of the Credit Agreement shall be applicable to this Trademark Agreement.

## **2. GRANT OF SECURITY INTEREST.**

**2.1. Security Interest; Assignment of Marks.** As collateral security for the payment and performance in full of all of the Obligations, the Assignor hereby unconditionally grants to the Agent, for the benefit of the Banks and the Agent, a continuing security interest in and first priority lien on the Pledged Trademarks, and pledges and mortgages (but does not transfer title to) the Pledged Trademarks to the Agent for the benefit of the Banks and the Agent. In addition, the Assignor has executed in blank and delivered to the Agent an assignment of federally registered trademarks in substantially the form of Exhibit 1 hereto (the "Assignment of Marks"). The Assignor hereby authorizes the Agent to complete as assignee and record with the PTO the Assignment of Marks upon the occurrence and during the continuance of an Event of Default and the proper exercise of the Agent's remedies under this Trademark Agreement and the Security Agreement.

**2.2. Conditional Assignment.** In addition to, and not by way of limitation of, the grant, pledge and mortgage of the Pledged Trademarks provided in §2.1, the Assignor grants, assigns, transfers, conveys and sets over to the Agent, for the benefit of the Banks and the Agent, the Assignor's entire right, title and interest in and to the Pledged Trademarks; provided that such grant, assignment, transfer and conveyance shall be and become of force and effect only (a) upon or after the occurrence and during the continuance of an Event of Default and (b) either (i) upon the written demand of the Agent at any time during such continuance or (ii) immediately and automatically (without notice or action of any kind by the Agent) upon an Event of Default for which

acceleration of the Loans is automatic under the Credit Agreement or upon the sale or other disposition of or foreclosure upon the Collateral pursuant to the Security Agreement and applicable law (including the transfer or other disposition of the Collateral by the Assignor to the Agent or its nominee in lieu of foreclosure).

**2.3. Supplemental to Security Agreement.** Pursuant to the Security Agreement the Assignor has granted to the Agent, for the benefit of the Banks and the Agent, a continuing security interest in and lien on the Collateral (including the Pledged Trademarks). The Security Agreement, and all rights and interests of the Agent in and to the Collateral (including the Pledged Trademarks) thereunder, are hereby ratified and confirmed in all respects. In no event shall this Trademark Agreement, the grant, assignment, transfer and conveyance of the Pledged Trademarks hereunder, or the recordation of this Trademark Agreement (or any document hereunder) with the PTO, adversely affect or impair, in any way or to any extent, the Security Agreement, the security interest of the Agent in the Collateral (including the Pledged Trademarks) pursuant to the Security Agreement and this Trademark Agreement, the attachment and perfection of such security interest under the Uniform Commercial Code (including the security interest in the Pledged Trademarks), or any present or future rights and interests of the Agent in and to the Collateral under or in connection with the Security Agreement, this Trademark Agreement or the Uniform Commercial Code. Any and all rights and interests of the Agent in and to the Pledged Trademarks (and any and all obligations of the Assignor with respect to the Pledged Trademarks) provided herein, or arising hereunder or in connection herewith, shall only supplement and be cumulative and in addition to the rights and interests of the Agent (and the obligations of the Assignor) in, to or with respect to the Collateral (including the Pledged Trademarks) provided in or arising under or in connection with the Security Agreement and shall not be in derogation thereof.

### **3. REPRESENTATIONS, WARRANTIES AND COVENANTS.**

The Assignor represents, warrants and covenants that: (a) Schedule A sets forth a true and complete list of all material Trademarks and Trademark Registrations now owned, licensed, controlled or used by the Assignor; (b) the Trademarks and Trademark Registrations are subsisting and have not been adjudged invalid or unenforceable, in whole or in part, and there is no litigation or proceeding pending concerning the validity or enforceability of the Trademarks or Trademark Registrations; (c) to the best of the Assignor's knowledge, each of the Trademarks and Trademark Registrations is valid and enforceable; (d) to the best of the Assignor's knowledge, there is no infringement by others of the Trademarks, Trademark Registrations or Trademark Rights that would have a materially adverse effect on the business, assets or financial condition of the Assignor or its Subsidiaries; (e) no claim has been made that the use of any of the Trademarks does or may violate the rights of any third person, and to the best of the Assignor's knowledge, there is no infringement by the Assignor of the trademark rights of others; (f) subject to the limitations of laws applicable to trademarks, the Assignor is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to each of the Trademarks (other than ownership and other rights reserved by third party owners with respect to Trademarks that the Assignor is licensed to use), free and



clear of any liens, charges, encumbrances and adverse claims, including pledges, assignments, licenses, registered user agreements and covenants by the Assignor not to sue third persons, other than the security interest and assignment created by the Security Agreement and this Trademark Agreement; (g) the Assignor has the unqualified right to enter into this Trademark Agreement and to perform its terms and has entered and will enter into written agreements, unless its failure to enter into such agreements will not have a materially adverse effect on the business, assets or financial condition of the Assignor or its Subsidiaries, with each of its present and future employees, agents, consultants, licensors and licensees that will enable them to comply with the covenants herein contained; (h) the Assignor has used, and will continue to use, proper statutory and other appropriate proprietary notices in connection with its use of the Trademarks; (i) the Assignor has used, and will continue to use for the duration of this Trademark Agreement, consistent standards of quality in its manufacture and provision of products and services sold or provided under the Trademarks; (j) this Trademark Agreement, together with the Security Agreement, will create in favor of the Agent a valid and perfected first priority security interest in the Pledged Trademarks upon making the filings referred to in clause (k) of this §3; and (k) except for the filing of financing statements with the Secretary of State of the Commonwealth of Massachusetts under the Uniform Commercial Code of the Commonwealth of Massachusetts and the recording of this Trademark Agreement with the PTO, no authorization, approval or other action by, and no notice to or filing with, any governmental or regulatory authority, agency or office is required either (i) for the grant by the Assignor or the effectiveness of the security interest and assignment granted hereby or for the execution, delivery and performance of this Trademark Agreement by the Assignor, or (ii) for the perfection of or the exercise by the Agent of any of its rights and remedies hereunder.

#### **4. INSPECTION RIGHTS.**

The Assignor hereby grants to each of the Agent and the Banks and its employees and agents the right to visit the Assignor's plants and facilities that manufacture, inspect or store products sold under any of the Trademarks, and to inspect the products and quality control records relating thereto at reasonable times during regular business hours.

#### **5. NO TRANSFER OR INCONSISTENT AGREEMENTS.**

Without the Agent's prior written consent, the Assignor will not (a) mortgage, pledge, assign, encumber, transfer, alienate or grant a security interest in any of the Pledged Trademarks, or, other than in the ordinary course of business consistent with its past practices, license any of the Pledged Trademarks, or (b) enter into any agreement that is inconsistent with the Assignor's obligations under this Trademark Agreement or the Security Agreement.

#### **6. AFTER-ACQUIRED TRADEMARKS, ETC.**

**6.1. After-acquired Trademarks.** If, before the Obligations shall have been finally paid and satisfied in full, the Assignor shall obtain any right, title or interest in or

to any other or new Trademarks, Trademark Registrations or Trademark Rights, the provisions of this Trademark Agreement shall automatically apply thereto and the Assignor shall promptly provide to the Agent notice of such new and material Trademarks, Trademark Registrations or Trademark Rights in writing and execute and deliver to the Agent such documents or instruments as the Agent may reasonably request further to implement, preserve or evidence the Agent's interest therein.

**6.2. Amendment to Schedule.** The Assignor authorizes the Agent to modify this Trademark Agreement and the Assignment of Marks, without the necessity of the Assignor's further approval or signature, by amending Exhibit A hereto and the Annex to the Assignment of Marks to include any future or other Trademarks, Trademark Registrations or Trademark Rights under §2 or §6.

## **7. TRADEMARK PROSECUTION.**

**7.1. Assignor Responsible.** The Assignor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with the Pledged Trademarks, and shall hold each of the Agent and the Banks harmless from any and all costs, damages, liabilities and reasonable costs and expenses that may be incurred by the Agent or any Bank in connection with the Agent's interest in the Pledged Trademarks or any other action or failure to act in connection with this Trademark Agreement or the transactions contemplated hereby. In respect of such responsibility, the Assignor shall retain trademark counsel acceptable to the Agent.

**7.2. Assignor's Duties, etc.** The Assignor shall have the right and the duty, through trademark counsel acceptable to the Agent, to prosecute diligently any trademark registration applications of the Trademarks pending as of the date of this Trademark Agreement or thereafter, to preserve and maintain all rights in the Trademarks and Trademark Registrations, including the filing of appropriate renewal applications and other instruments to maintain in effect the Trademark Registrations and the payment when due of all registration renewal fees and other fees, taxes and other expenses that shall be incurred or that shall accrue with respect to any of the Trademarks or Trademark Registrations. Any expenses incurred in connection with such applications and actions shall be borne by the Assignor. The Assignor shall not abandon any filed trademark registration application, or any Trademark Registration or Trademark, without the consent of the Agent, which consent shall not be unreasonably withheld. Notwithstanding anything to the contrary contained in this §7.2, so long as no Event of Default has occurred and is continuing, nothing in this §7.2 shall require the Assignor to prosecute any trademark registration applications, preserve and maintain all rights in the Trademarks and Trademark Registrations and not abandon any trademark registration application, Trademark Registration or Trademark if the taking of such action is not in the Assignor's reasonable judgment desirable in the conduct of its business and the failure to take such action does not have a materially adverse effect on the business, assets or financial condition of the Assignor or its Subsidiaries.

**7.3. Assignor's Enforcement Rights.** The Assignor shall have the right and the duty to bring suit or other action in the Assignor's own name to maintain and enforce the Trademarks, the Trademark Registrations and the Trademark Rights; provided, however, so long as no Event of Default shall have occurred and is continuing, nothing in this §7.3 shall require the Assignor to take such action if the taking of such action is not in the Assignor's reasonable judgment desirable in the conduct of its business and the failure to take such action does not have a materially adverse effect on the business, assets or financial condition of the Assignor and its Subsidiaries. The Assignor may require the Agent to join in such suit or action as necessary to assure the Assignor's ability to bring and maintain any such suit or action in any proper forum if (but only if) the Agent is completely satisfied that such joinder will not subject the Agent or any Bank to any risk of liability. The Assignor shall promptly, upon demand, reimburse and indemnify the Agent for all damages and reasonable costs and expenses, including legal fees, incurred by the Agent pursuant to this §7.3.

**7.4. Protection of Trademarks, etc.** In general, the Assignor shall take any and all such actions (including institution and maintenance of suits, proceedings or actions) as may be necessary or appropriate to properly maintain, protect, preserve, care for and enforce the Pledged Trademarks. The Assignor shall not take or fail to take any action, nor permit any action to be taken or not taken by others under its control, that would adversely affect the validity, grant or enforcement of the Pledged Trademarks. Notwithstanding anything to the contrary contained in this §7.4, so long as no Event of Default shall have occurred and is continuing, nothing in this §7.4 shall require the Assignor to take any action or not take any action, as the case may be, if such requirement is not in the Assignor's reasonable judgment desirable in the conduct of its business and the failure to take such action or not take such action, as the case may be, does not have a materially adverse effect on the business, assets or financial condition of the Assignor and its Subsidiaries.

**7.5. Notification by Assignor.** Promptly upon obtaining knowledge thereof, the Assignor will notify the Agent in writing of the institution of, or any final adverse determination in, any proceeding in the PTO or any similar office or agency of the United States or any foreign country, or any court, regarding the validity of any of the Trademarks or Trademark Registrations or the Assignor's rights, title or interests in and to the Pledged Trademarks, and of any event that does or reasonably could materially adversely affect the value of any of the Pledged Trademarks, the ability of the Assignor or the Agent to dispose of any of the Pledged Trademarks or the rights and remedies of the Agent in relation thereto (including but not limited to the levy of any legal process against any of the Pledged Trademarks).

## **8. REMEDIES.**

Upon the occurrence and during the continuance of an Event of Default, the Agent shall have, in addition to all other rights and remedies given it by this Trademark Agreement (including, without limitation, those set forth in §2.2, the Credit Agreement, the Security Agreement and the other Loan Documents, those allowed by law and the rights and remedies of a secured party under the Uniform Commercial Code as enacted

in the Commonwealth of Massachusetts, and, without limiting the generality of the foregoing, the Agent may immediately, without demand of performance and without other notice (except as set forth next below) or demand whatsoever to the Assignor, all of which are hereby expressly waived, sell or license at public or private sale or otherwise realize upon the whole or from time to time any part of the Pledged Trademarks, or any interest that the Assignor may have therein, and after deducting from the proceeds of sale or other disposition of the Pledged Trademarks all expenses incurred by the Agent in attempting to enforce this Trademark Agreement (including all reasonable expenses for broker's fees and legal services), shall apply the residue of such proceeds toward the payment of the Obligations as set forth in or by reference in the Security Agreement. Notice of any sale, license or other disposition of the Pledged Trademarks shall be given to the Assignor at least five (5) business days before the time that any intended public sale or other public disposition of the Pledged Trademarks is to be made or after which any private sale or other private disposition of the Pledged Trademarks may be made, which the Assignor hereby agrees shall be reasonable notice of such public or private sale or other disposition. At any such sale or other disposition, the Agent may, to the extent permitted under applicable law, purchase or license the whole or any part of the Pledged Trademarks or interests therein sold, licensed or otherwise disposed of.

#### **9. COLLATERAL PROTECTION.**

If the Assignor shall fail to do any act that it has covenanted to do hereunder, or if any representation or warranty of the Assignor shall be breached, the Agent, in its own name or that of the Assignor (in the sole discretion of the Agent), may (but shall not be obligated to) do such act or remedy such breach (or cause such act to be done or such breach to be remedied), and the Assignor agrees promptly to reimburse the Agent for any reasonable cost or expense incurred by the Agent in so doing.

#### **10. POWER OF ATTORNEY.**

If any Event of Default shall have occurred and be continuing, the Assignor does hereby make, constitute and appoint the Agent (and any officer or agent of the Agent as the Agent may select in its exclusive discretion) as the Assignor's true and lawful attorney-in-fact, with full power of substitution and with the power to endorse the Assignor's name on all applications, documents, papers and instruments necessary for the Agent to use the Pledged Trademarks, or to grant or issue any exclusive or nonexclusive license of any of the Pledged Trademarks to any third person, or to take any and all actions necessary for the Agent to assign, pledge, convey or otherwise transfer title in or dispose of any of the Pledged Trademarks or any interest of the Assignor therein to any third person, and, in general, to execute and deliver any instruments or documents and do all other acts that the Assignor is obligated to execute and do hereunder. The Assignor hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof and releases each of the Agent and the Banks from any claims, liabilities, causes of action or demands arising out of or in connection with any action taken or omitted to be taken by the Agent under this power of attorney (except for the Agent's gross negligence or willful misconduct). This power of attorney

is coupled with an interest and shall be irrevocable for the duration of this Trademark Agreement.

**11. FURTHER ASSURANCES.**

The Assignor shall, at any time and from time to time, and at its expense, make, execute, acknowledge and deliver, and file and record as necessary or appropriate with governmental or regulatory authorities, agencies or offices, such agreements, assignments, documents and instruments, and do such other and further acts and things (including, without limitation, obtaining consents of third parties), as the Agent may request or as may be necessary or appropriate in order to implement and effect fully the intentions, purposes and provisions of this Trademark Agreement, or to assure and confirm to the Agent the grant, perfection and priority of the Agent's security interest in the Pledged Trademarks.

**12. TERMINATION.**

At such time as all of the Obligations have been finally paid and satisfied in full, this Trademark Agreement shall terminate and the Agent shall, upon the written request and at the expense of the Assignor, execute and deliver to the Assignor all deeds, assignments and other instruments as may be necessary or proper to reassign and reconvey to and re-vest in the Assignor the entire right, title and interest to the Pledged Trademarks previously granted, assigned, transferred and conveyed to the Agent by the Assignor pursuant to this Trademark Agreement, as fully as if this Trademark Agreement had not been made, subject to any disposition of all or any part thereof that may have been made by the Agent pursuant hereto or the Security Agreement.

**13. COURSE OF DEALING.**

No course of dealing between the Assignor and the Agent, nor any failure to exercise, nor any delay in exercising, on the part of the Agent, any right, power or privilege hereunder or under the Security Agreement or any other agreement shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege hereunder or thereunder preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

**14. EXPENSES.**

Any and all reasonable fees, costs and expenses, of whatever kind or nature, including the reasonable attorneys' fees and expenses incurred by the Agent in connection with the preparation of this Trademark Agreement and all other documents relating hereto, the consummation of the transactions contemplated hereby or the enforcement hereof, the filing or recording of any documents (including all taxes in connection therewith) in public offices, the payment or discharge of any taxes, counsel fees, maintenance or renewal fees, encumbrances, or otherwise protecting, maintaining or preserving the Pledged Trademarks, or in defending or prosecuting any actions or

proceedings arising out of or related to the Pledged Trademarks, shall be borne and paid by the Assignor on demand.

**15. OVERDUE AMOUNTS.**

Until paid, all amounts due and payable by the Assignor hereunder shall be a debt secured by the Pledged Trademarks and other Collateral and shall bear, whether before or after judgment, interest at the rate of interest for overdue principal set forth in the Credit Agreement.

**16. NO ASSUMPTION OF LIABILITY; INDEMNIFICATION.**

NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, NEITHER THE AGENT NOR ANY BANK ASSUMES ANY LIABILITIES OF THE ASSIGNOR WITH RESPECT TO ANY CLAIM OR CLAIMS REGARDING THE ASSIGNOR'S OWNERSHIP OR PURPORTED OWNERSHIP OF, OR RIGHTS OR PURPORTED RIGHTS ARISING FROM, ANY OF THE PLEDGED TRADEMARKS OR ANY USE, LICENSE OR SUBLICENSE THEREOF, WHETHER ARISING OUT OF ANY PAST, CURRENT OR FUTURE EVENT, CIRCUMSTANCE, ACT OR OMISSION OR OTHERWISE. ALL OF SUCH LIABILITIES SHALL BE EXCLUSIVELY THE RESPONSIBILITY OF THE ASSIGNOR, AND THE ASSIGNOR SHALL INDEMNIFY THE AGENT AND THE BANKS FOR ANY AND ALL COSTS, EXPENSES, DAMAGES AND CLAIMS, INCLUDING LEGAL FEES, INCURRED BY THE AGENT OR ANY BANK WITH RESPECT TO SUCH LIABILITIES.

**17. NOTICES.**

All notices and other communications made or required to be given pursuant to this Trademark Agreement shall be in writing and shall be delivered by hand, mailed by United States registered or certified first-class mail, postage prepaid, or sent by telegraph, telecopy or telex and confirmed by delivery via courier or postal service, addressed as follows:

(a) if to the Assignor, at 7 Technology Park Drive, Westford, Massachusetts 01886-0033, Attention: Walter A. Shepard, Vice President and Chief Financial Officer, or at such other address for notice as the Assignor shall last have furnished in writing to the person giving the notice; and

(b) if to the Agent, at 100 Federal Street, Boston, Massachusetts 02110, Attention: Debra E. DelVecchio, Vice President, or at such other address for notice as the Agent shall last have furnished in writing to the person giving the notice.

Any such notice or demand shall be deemed to have been duly given or made and to have become effective (i) if delivered by hand to a responsible officer of the party to which it is directed, at the time of the receipt thereof by such officer, (ii) if sent by

registered or certified first-class mail, postage prepaid, two (2) Business Days after the posting thereof, and (iii) if sent by telegraph, telecopy, or telex, at the time of the dispatch thereof, if in normal business hours in the country of receipt, or otherwise at the opening of business on the following Business Day.

**18. AMENDMENT AND WAIVER.**

This Trademark Agreement is subject to modification only by a writing signed by the Agent (with the consent of the Majority Banks) and the Assignor, except as provided in §6.2. The Agent shall not be deemed to have waived any right hereunder unless such waiver shall be in writing and signed by the Agent and the Majority Banks. A waiver on any one occasion shall not be construed as a bar to or waiver of any right on any future occasion.

**19. GOVERNING LAW; CONSENT TO JURISDICTION.**

**THIS TRADEMARK AGREEMENT IS INTENDED TO TAKE EFFECT AS A SEALED INSTRUMENT AND SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS.** The Assignor agrees that any suit for the enforcement of this Trademark Agreement may be brought in the courts of the Commonwealth of Massachusetts or any federal court sitting therein and consents to the non-exclusive jurisdiction of such court and to service of process in any such suit being made upon the Assignor by mail at the address specified in §17. The Assignor hereby waives any objection that it may now or hereafter have to the venue of any such suit or any such court or that such suit is brought in an inconvenient court.

**20. WAIVER OF JURY TRIAL.**

**THE ASSIGNOR WAIVES ITS RIGHT TO A JURY TRIAL WITH RESPECT TO ANY ACTION OR CLAIM ARISING OUT OF ANY DISPUTE IN CONNECTION WITH THIS TRADEMARK AGREEMENT, ANY RIGHTS OR OBLIGATIONS HEREUNDER OR THE PERFORMANCE OF ANY SUCH RIGHTS OR OBLIGATIONS.** Except as prohibited by law, the Assignor waives any right which it may have to claim or recover in any litigation referred to in the preceding sentence any special, exemplary, punitive or consequential damages or any damages other than, or in addition to, actual damages. The Assignor (a) certifies that neither the Agent or any Bank nor any representative, agent or attorney of the Agent or any Bank has represented, expressly or otherwise, that the Agent or any Bank would not, in the event of litigation, seek to enforce the foregoing waivers, and (b) acknowledges that, in entering into the Credit Agreement and the other Loan Documents to which the Agent or any Bank is a party, the Agent and the Banks are relying upon, among other things, the waivers and certifications contained in this §20.

**21. MISCELLANEOUS.**

The headings of each section of this Trademark Agreement are for convenience only and shall not define or limit the provisions thereof. This Trademark Agreement and all rights and obligations hereunder shall be binding upon the Assignor and its respective successors and assigns, and shall inure to the benefit of the Agent, the Banks and their respective successors and assigns. In the event of any irreconcilable conflict between the provisions of this Trademark Agreement and the Credit Agreement, or between this Trademark Agreement and the Security Agreement, the provisions of the Credit Agreement or the Security Agreement, as the case may be, shall control. If any term of this Trademark Agreement shall be held to be invalid, illegal or unenforceable, the validity of all other terms hereof shall in no way be affected thereby, and this Trademark Agreement shall be construed and be enforceable as if such invalid, illegal or unenforceable term had not been included herein. The Assignor acknowledges receipt of a copy of this Trademark Agreement.



IN WITNESS WHEREOF, this Trademark Agreement has been executed as of the day and year first above written.

GENRAD, INC.

By: Walter A. Shephard  
Name: Walter A. Shephard  
Title: CEO

FLEET NATIONAL BANK, as Agent

By: \_\_\_\_\_  
Debra E. DelVecchio,  
Vice President

CERTIFICATE OF ACKNOWLEDGMENT

COMMONWEALTH OF MASSACHUSETTS)

COUNTY OF Suffolk ) ss.  
)

Before me, the undersigned, a Notary Public in and for the county aforesaid, on this 13<sup>th</sup> day of March, 2000, personally appeared Walter A. Shephard to me known personally, and who, being by me duly sworn, deposes and says that he is the \_\_\_\_\_ CEO of GenRad, Inc., and that said instrument was signed and sealed on behalf of said corporation by authority of its Board of Directors, and said Walter A. Shephard acknowledged said instrument to be the free act and deed of said corporation.

Domenico J. Paxton  
Notary Public  
My commission expires:

Domenico J. Paxton, Notary Public  
My Commission expires on 12/31/2002

IN WITNESS WHEREOF, this Trademark Agreement has been executed as of the day and year first above written.

GENRAD, INC.

By: \_\_\_\_\_

Name:

Title:

FLEET NATIONAL BANK, as Agent

By: Debra E. DelVecchio

Debra E. DelVecchio,

Vice President

CERTIFICATE OF ACKNOWLEDGMENT

COMMONWEALTH OF MASSACHUSETTS)

) ss.

COUNTY OF )

Before me, the undersigned, a Notary Public in and for the county aforesaid, on this \_\_\_ day of March, 2000, personally appeared \_\_\_\_\_ to me known personally, and who, being by me duly sworn, deposes and says that he is the \_\_\_\_\_ of GenRad, Inc., and that said instrument was signed and sealed on behalf of said corporation by authority of its Board of Directors, and said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

\_\_\_\_\_  
Notary Public

My commission expires:

SCHEDULE A

Trademarks and Trademark Registrations

Trademark  
or  
Service Mark

Registrations --  
United States Patent and Trademark Office  
Registration No.                      Registration Date

GR	0746,850	March 19, 1963
GR & Des	0746,885	March 19, 1963
GENRAD	1,121,751	July 10, 1979
DIGIBRIDGE	1,123,631	August 7, 1979
HILO	1,647,992	June 18, 1991
GENEVA	1,801,452	October 26, 1993
VXIsCan	1,850,612	August 23, 1994
VIPER	2,086,214	August 5, 1997
GR TECHNOLOGIES	2,106,954	October 21, 1997
GR TECHNOLOGIES & Des.	2,115,988	November 25, 1997
GR VISION	2,275,830	September 7, 1999

Trademark  
or  
Service Mark

Pending Applications --  
United States Patent and Trademark Office  
Serial No.                      Filing Date

TECHNOLOGY OF KNOWLEDGE	75/301,369	June 2, 1997
THE TECHNOLOGY OF KNOWLEDGE	75/450,407	March 16, 1998
GR SOFTWARE	75/450,552	March 16, 1998
GENRAD	75/450,553	March 16, 1998
GR ACCELERATE	75/450,570	March 16, 1998
GR	75/450,727	March 16, 1998
GR & Des	75/489,857	May 20, 1998
SFLM	75/728,127	June 14, 1999
SFDM	75/728,132	June 14, 1999
ICC Industrial Computer Corp.	75/728,135	June 14, 1999
PXISCAN	75/728,143	June 14, 1999

**SCHEDULE A**

## Foreign Registered Trademarks and Trademark Registrations

## REGISTRATIONS

Mark	Jurisdiction	Registration Number	Issue Date
HITEST	Great Britain	B1,343,886	February 23, 1988
GR & Des.	Japan	1998433	November 20, 1987
GR AND DESIGN	Taiwan	322952	
GENRAD	Benelux	337807	December 24, 1975
GENRAD	Switzerland	290646	January 4, 1977
GENRAD	Denmark	UR23721976	July 9, 1976
GENERAL RADIO CO.	Denmark	VR15431957	September 28, 1957
GR & DES.	Denmark	VR521957	January 12, 1957
GR TECHNOLOGIES	Europe	532200	March 19, 1999
GENRAD	France	1337847	December 30, 1985
VXISCAN	France	94 514 210	April 6, 1994
GENRAD	Germany	954495	February 3, 1977
VXISCAN	Germany	2087487	December 15, 1994
DIGIBRIDGE	Germany	1002006	May 14, 1980
TRACS	Germany	1065345	July 3, 1984
GENRAD	Great Britain	1056959	December 31, 1975
VXISCAN	Great Britain	1566750	March 24, 1994
GR GENRAD & DES	Great Britain	1106903	December 28, 1978
BUSBUST	Great Britain	B1182905	October 6, 1982
TRACS	Great Britain	B1182907	October 6, 1982
GR & Des.	Great Britain	751943	March 14, 1956
GR & DES	Great Britain	1106902	March 25, 1981
PXISCAN	Israel		
GR	Italy	588122	February 25, 1993
VXISCAN	Japan	3333188	July 18, 1997
GR Technologies & Design	Japan	4208587	November 6, 1998
GENRAD	Korea	118340	
GENRAD	Sweden	161,406	November 25, 1977
GR	Swedish	167097	
GR & DEVICE	Taiwan	322952	April 16, 1986

## PENDING APPLICATIONS

Mark	Jurisdiction	Application Number	Filing Date
PXISCAN	China	9900151035	December 14, 1999
PXISCAN	Czech Republic	149864	December 14, 1999
PXISCAN	Europe	1421999	December 14, 1999
PXISCAN	Hungary	M9905852	December 14, 1999
PXISCAN	Israel	Not Yet Assigned	Not Yet Assigned

<b>Mark</b>	<b>Jurisdiction</b>	<b>Application Number</b>	<b>Filing Date</b>
PXISCAN	Japan	H11-114,649	December 14, 1999
PXISCAN	Korea	40199947960	December 14, 1999
PXISCAN	Maylasia	99/12724	December 14, 1999
PXISCAN	Mexico	403321	December 14, 1999
GR TECHNOLOGIES & Desi	Singapore	5430/97	May 12, 1997
GR TECHNOLOGIES & Desi	Singapore	5431/97	May 12, 1997
PXISCAN	Singapore	T99/14593J	December 14, 1999
PXISCAN	Taiwan	88062604	December 14, 1999

EXHIBIT 1

ASSIGNMENT OF TRADEMARKS AND SERVICE MARKS (U.S.)

WHEREAS, GenRad, Inc., a corporation organized and existing under the laws of the Commonwealth of Massachusetts, having a place of business at 7 Technology Park Drive, Westford, Massachusetts 01886-0033 (the "Assignor"), has adopted and used and is using the trademarks and service marks (the "Marks") identified on the Annex hereto, and is the owner of the registrations of and pending registration applications for such Marks in the United States Patent and Trademark Office identified on such Annex; and

WHEREAS, \_\_\_\_\_, a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, having a place of business at \_\_\_\_\_ (the "Assignee"), is desirous of acquiring the Marks and the registrations thereof and registration applications therefor;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Assignor does hereby assign, sell and transfer unto the Assignee all right, title and interest in and to the Marks, together with (a) the registrations of and registration applications for the Marks, (b) the goodwill of the business symbolized by and associated with the Marks and the registrations thereof, and (c) the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with, any and all past, present or future infringements or dilution of or damage or injury to the Marks or the registrations thereof or such associated goodwill.

This Assignment of Trademarks and Service Marks (U.S.) is intended to and shall take effect as a sealed instrument at such time as the Assignee shall complete this instrument by inserting its name in the second paragraph above and signing its acceptance of this Assignment of Trademarks and Service Marks (U.S.) below.

IN WITNESS WHEREOF, the Assignor, by its duly authorized officer, has executed this assignment, as an instrument under seal, on this \_\_ day of \_\_\_\_\_, \_\_\_\_.

GENRAD, INC.

By: Walter A. Shephard  
Name: Walter A. Shephard  
Title: CEO

The foregoing assignment of the Marks and the registrations thereof and registration applications therefor by the Assignor to the Assignee is hereby accepted as of the \_\_\_ day of \_\_\_\_\_, \_\_\_\_.

By: \_\_\_\_\_

Name:

Title:

COMMONWEALTH OF MASSACHUSETTS)

COUNTY OF Suffolk ) ss.

On this the 13<sup>th</sup> day of March, 2000, before me appeared Walter A. Shephard, the person who signed this instrument, who acknowledged that (s)he is the CEO of GenRad, Inc. and that being duly authorized (s)he signed such instrument as a free act on behalf of GenRad, Inc.

Suzanne D. Pastore  
Notary Public

[Seal]

My commission expires:

SUZANNE D. PASTORE, Notary Public  
My Commission Expires: 03/31/2003

ANNEX

Trademark  
or  
Service Mark

Registrations --  
United States Patent and Trademark Office  
Registration No.                      Registration Date

*[List chronologically in ascending numerical order]*

Trademark  
or  
Service Mark

Pending Applications --  
United States Patent and Trademark Office  
Serial No.                      Filing Date

*[List chronologically in ascending numerical order]*