

FORM PTO-1619A

Expires 06/30/99
OMB 0651-0027

04-02-2001

U.S. Department of Commerce
Patent and Trademark Office

PATENT



101654925

RECORDATION FORM COVER SHEET
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒

New

☐

Resubmission (Non-Recordation)

Document ID#

☐

Correction of PTO Error

Reel #

Frame #

☐

Corrective Document

Reel #

Frame #

Conveyance Type

☒

Assignment

☐

Security Agreement

☐

License

☐

Change of Name

☐

Merger

☐

Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐

Departmental File

☐

Secret File

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1)

Amcast Industrial Corporation

05 28 00

Name (line 2)

Execution Date
Month Day Year

Second Party

Name (line 1)

Name (line 2)

Receiving Party

☐

Mark if additional names of receiving parties attached

Name (line 1)

KeyBank National Association, as collateral agent

☐If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)

Name (line 2)

Address (line 1)

127 Public Square

Address (line 2)

Address (line 3)

Cleveland

OH

44114

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

03/29/2001 GTON11 00000087 501432 09010370

01 FC:581

240.00 CH

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 011627 FRAME: 0146

Correspondent Name and Address

Area Code and Telephone Number (216) 586-7206

Name John E. Mazey

Address (line 1) Jones, Day, Reavis & Pogue

Address (line 2) North Point

Address (line 3) 901 Lakeside Avenue

Address (line 4) Cleveland, OH 44114

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

13

Application Number(s) or Patent Number(s)

☐ Mark If additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09010370

09365920

09251687

09243178

Patent Number(s)

5615480

5419174

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

6

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 240.00

Method of Payment:
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-1432, ACCOUNT 601755049076

Authorization to charge additional fees:

Yes ☒ No ☐

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. Charges to deposit account are authorized, as indicated herein.

Kathie J. Kopczyk

Name of Person Signing

Kathie J. Kopczyk

Signature

March 8, 2001

Date

COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT

THIS COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT (as the same may from time to time be amended, restated or otherwise modified, this "Agreement") is made as of May 28, 2000, by AMCAST INDUSTRIAL CORPORATION, an Ohio corporation ("Borrower"), in favor of KEYBANK NATIONAL ASSOCIATION, as collateral agent (together with its successors and assigns, the "Collateral Agent"), for the benefit of the Lenders, as hereinafter defined.

1. RECITALS.

Borrower, the financial institutions listed on Schedule 1 to the Credit Agreement, as hereinafter defined, (collectively, "Banks" and, individually, "Bank") and KEYBANK NATIONAL ASSOCIATION, as agent for the Banks under the Credit Agreement ("Agent") are parties to the Credit Agreement pursuant to which the Banks will, among other things, grant to Borrower, for the benefit of Borrower and each subsidiary of Borrower, the Loans and Letters of Credit, as defined in the Credit Agreement.

Each of the Noteholders, as hereinafter defined, has purchased certain notes from Borrower, for the benefit of Borrower and each subsidiary of Borrower, in accordance with the Note Agreements, as hereinafter defined.

Each of the Line of Credit Lenders, as hereinafter defined, has made and will continue to make certain advances and other extensions of credit to Borrower, for the benefit of Borrower and each subsidiary of Borrower, in accordance with the Line of Credit Documents, as hereinafter defined.

Borrower has requested that the Credit Agreement be amended to revise certain covenants and other provisions applicable to the Companies, as defined in the Credit Agreement.

Borrower understands that (a) Agent and the Banks are willing to enter into the Fifth Amendment to the Credit Agreement, and (b) Agent, the Banks and the other Lenders are willing to continue to grant or otherwise continue to make available financial accommodations to Borrower, only upon certain terms and conditions, one of which is that Borrower grant to Collateral Agent, for the benefit of the Lenders, a security interest in and an assignment of the Collateral, as hereinafter defined, and this Agreement is being executed and delivered in consideration of each financial accommodation, if any, granted to Borrower by any Lender and for other valuable considerations.

2. DEFINITIONS. As used in this Agreement, the following terms shall have the following meanings:

"Administrative Expenses" shall mean (a) any and all reasonable costs, liabilities, and expenses (including, without limitation, losses, damages, penalties, claims, actions, reasonable attorneys' fees, legal expenses, judgments, suits, and disbursements) incurred by, imposed upon, or

asserted against, Collateral Agent in any attempt by Collateral Agent to (i) obtain, preserve, perfect or enforce any security interest evidenced by this Agreement, any other Collateral Document or any other Lending Party Document; (ii) obtain payment, performance or observance of any and all of the Obligations; or (iii) maintain, insure, audit, collect, preserve, repossess or dispose of any of the Collateral or any other collateral securing the Obligations, including, without limitation, costs and expenses for appraisals, assessments, and audits of Borrower or any such Collateral; (b) to the extent not included in subpart (a) hereof, any amounts payable to Collateral Agent pursuant to Section 9A.9 of the Credit Agreement; and (c) all costs liabilities and expenses incidental or related to (a) or (b) hereof, including, without limitation, interest thereupon (i) prior to the occurrence of a Default Event, after ten (10) days after demand therefor until paid, at the Default Rate, as defined in the Credit Agreement, and (ii) after the occurrence of a Default Event, from the date incurred, imposed or asserted until paid, at the Default Rate.

“Bank Obligations” shall mean, collectively, (a) the Debt (as defined in the Credit Agreement), and (b) all other Indebtedness or other obligations incurred by any Company to Agent and the Banks pursuant to the Credit Agreement or any other Loan Document, whether for principal, interest, fees, costs or indemnities, and whether now existing or hereafter arising.

“Collateral” shall mean, collectively, all of Borrower’s existing and future (a) patents, patent registrations, patent applications, trademarks, trademark registrations, trademark applications and copyright registrations, whether federal or state, including, but not limited to, those listed on Schedule A hereto (as such Schedule A may from time to time be amended, supplemented or otherwise modified); (b) common law trademark rights, copyrights, improvements and inventions; (c) renewals, proceeds on infringement suits, and rights to sue for past, present and future infringements relating to any of the foregoing; (d) goodwill associated with any of the foregoing; and (e) proceeds of any of the foregoing.

“Credit Agreement” shall mean the Credit Agreement executed by and among Borrower, Agent and the Banks and dated as of the 14th day of August, 1997, as amended and as the same may from time to time be further amended, restated or otherwise modified.

“Default Event ” shall mean a Default Event as defined in the Credit Agreement.

“Hedge Agreement” shall mean any currency swap or hedge agreement, interest rate swap, cap, collar or floor agreement, or other interest rate management device entered into by Borrower with Agent or any of the Banks, or any of their respective affiliates, in connection with the Debt.

“Lender” shall mean any Bank, Noteholder or Line of Credit Lender.

“Lending Party Documents” shall mean, collectively, the Loan Documents, as defined in the Credit Agreement, the Note Agreements and the Line of Credit Documents.

“Line of Credit Documents” shall mean the promissory notes and other agreements evidencing or relating to the Line of Credit Obligations.

"Line of Credit Lender" shall mean (a) each of the financial institutions set forth on Schedule 4 to the Credit Agreement so long as such financial institution (i) is a Bank under this Agreement and (ii) has established an unsecured, discretionary line of credit for Borrower and its Subsidiaries, or (b) is a financial institution that has entered into a Hedge Agreement with Borrower so long as such financial institution is a Bank under this Agreement; provided that, if any such financial institution ceases to be a Bank under the Credit Agreement, then the Line of Credit Obligations owing to such financial institution shall no longer be secured by the Collateral.

"Line of Credit Obligations" shall mean all Indebtedness or other obligations incurred by Borrower to the Line of Credit Lenders, whether for principal, interest, fees, costs or indemnities, and whether now existing or hereafter arising; provided, however, that the principal amount owing to any Line of Credit Lender shall not exceed the amount set forth opposite such Line of Credit Lender's name on Schedule 4 to the Credit Agreement.

"Note Agreement" shall mean any of (a) the Note Agreement dated as of November 1, 1995, as amended, executed by Borrower in favor of Principal Mutual Life Insurance Company, as Purchaser, with respect to \$25,000,000 7.09% Senior Notes Due November 7, 2005, and (b) the Note Agreement dated as of November 1, 1995, as amended, executed by Borrower in favor of Northwestern Mutual Life Insurance Company, as Purchaser, with respect to \$25,000,000 7.09% Senior Notes Due November 7, 2005.

"Noteholder" shall mean Northwestern Mutual Life Insurance Company, and its successors and assigns, or Principal Mutual Life Insurance Company, and its successors and assigns.

"Noteholders" shall mean, collectively, Northwestern Mutual Life Insurance Company and Principal Mutual Life Insurance Company, and their respective successors and assigns.

"Noteholder Obligations" shall mean all Indebtedness or other obligations incurred by Borrower to the Noteholders pursuant to the Note Agreements, whether for principal, interest, fees, costs or indemnities, and whether now existing or hereafter arising.

"Obligations" shall mean, collectively, (a) the Bank Obligations, (b) the Noteholder Obligations, (c) the Line of Credit Obligations, and (d) all Administrative Expenses and all other indebtedness or other obligations now owing or hereafter incurred by Borrower or any other Company to Collateral Agent pursuant to this Agreement or any of the Collateral Documents.

"Person" shall mean any individual, sole proprietorship, partnership, joint venture, unincorporated organization, corporation, limited liability company, institution, trust, estate, government or other agency or political subdivision thereof or any other entity.

Except as specifically defined herein, all capitalized terms used herein that are defined in the Credit Agreement shall have the meanings ascribed to them in the Credit Agreement. Unless otherwise defined in this Section 2, terms that are defined in Chapter 1309 of the Ohio Revised Code, as in effect from time to time, are used herein as so defined.

3. GRANT OF ASSIGNMENT AND SECURITY INTEREST. In consideration of and as security for the full and complete payment of all of the Obligations, Borrower hereby agrees that Collateral Agent, for the benefit of the Lenders, shall at all times have, and hereby grants to Collateral Agent, for the benefit of the Lenders, a security interest in and assignment of all of the Collateral, including (without limitation) all of Borrower's future Collateral, irrespective of any lack of knowledge by Collateral Agent or the Lenders of the creation or acquisition thereof.

4. WARRANTIES AND REPRESENTATIONS. Except as otherwise described on Schedule 4 hereof, Borrower represents and warrants to Collateral Agent and the Lenders that each of the following statements is true and complete:

(a) Borrower owns the Collateral and, whether the same are registered or unregistered, no such Collateral has been adjudged invalid or unenforceable.

(b) The Collateral set forth in subpart (a) of the "Collateral" definition of this Agreement is valid and enforceable.

(c) Borrower has no knowledge of any claim that the use of any of the Collateral does or may violate the rights of any third person.

(d) Except for the liens granted in this Agreement, Borrower is the sole owner of the right, title and interest in and to the Collateral, free and clear of any liens, charges and encumbrances, including, without limitation, pledges, assignments, licenses, registered user agreements and covenants by Borrower not to sue third persons.

(e) Borrower has full power, authority and legal right to pledge the Collateral and enter into this Agreement and perform its terms.

(f) Borrower has used, and will continue to use, for the duration of this Agreement, proper statutory notice in connection with its use of the Collateral, except where the failure to do so will not have a material adverse effect.

5. RIGHT TO USE. Unless and until there shall have occurred a Default Event, Collateral Agent, on behalf of the Lenders, to the extent permitted by law, hereby grants to Borrower the exclusive, royalty-free, world-wide, nontransferable right and license to use the Collateral on and in connection with products manufactured, distributed, or both by or in connection with products sold by Borrower, for Borrower's sole benefit and account and for none other. Borrower shall not enter into any agreement that is inconsistent with Borrower's obligations under this Agreement and shall not otherwise sell or assign its interest in, or grant any sublicense under, other than in the ordinary course of business, the license granted to Borrower hereunder, without Collateral Agent's prior written consent. Absent such prior written consent, any such attempted sale or license is null and void.

6. RIGHT TO INSPECT. Borrower hereby grants to Collateral Agent and its employees and agents the right, during regular business hours, to visit Borrower's plants and facilities or the

plants and facilities of any subcontractors (to the extent that Borrower has the right to grant such right) which manufacture, inspect, sell or store products sold under any of the Collateral, and to inspect the products and quality control records relating thereto at reasonable times during regular business hours, at Borrower's expense.

7. **STANDARD PATENT AND TRADEMARK USE.** Borrower shall not use the Collateral in any manner that would jeopardize the validity or legal status thereof. Borrower shall comply with all patent marking requirements as specified in 35 U.S.C. §287. Borrower shall further conform its usage of any trademarks to standard trademark usage, including, but not limited to, using the trademark symbols ®, ™, and SM where appropriate.

8. **DEFAULT.** If any Default Event shall have occurred, Borrower irrevocably authorizes and empowers Collateral Agent, acting at the direction of the Required Lenders, to terminate Borrower's use of the Collateral and to exercise such rights and remedies as allowed by law. Without limiting the generality of the foregoing, Collateral Agent may immediately sell at public or private sale, in a commercially reasonable manner, or otherwise realize upon all or, from time to time, any of the Collateral together with the associated goodwill, or any interest which Borrower may have therein, and, after deducting from the proceeds of sale or other disposition of the Collateral all expenses (including all reasonable expenses for attorneys' and brokers' fees and other legal services), Collateral Agent shall apply the residue of such proceeds against payment of the Obligations for the benefit of the Lenders in accordance with the terms and conditions of the Credit Agreement. Notice of any sale or other disposition of the Collateral shall be given to Borrower at least five (5) business days before the time of any intended public or private sale or other disposition of the Collateral is to be made, which Borrower hereby agrees shall be reasonable notice of such sale or other disposition. At any such sale or other disposition, Collateral Agent or any Lender may, to the extent permissible under applicable law, purchase the whole or any part of the Collateral sold, free from any right of redemption on the part of Borrower, which right is hereby waived and released.

9. **TERMINATION.** At such time as the Obligations have been irrevocably paid in full, the Commitment, as defined in the Credit Agreement, terminated, and the Credit Agreement terminated and not replaced by any other credit facility with Agent and the Banks, this Agreement shall terminate and Collateral Agent shall execute and deliver to Borrower all deeds, assignments, and other instruments as may be necessary or proper to release Collateral Agent's security interest in and assignment of the Collateral and to re-vest in Borrower full title to the Collateral, subject to any disposition thereof which may have been made by Collateral Agent pursuant hereto.

10. **MAINTAINING COLLATERAL, ATTORNEYS' FEES, COSTS AND EXPENSES.** Borrower shall have the obligation and duty to perform all acts necessary to maintain or preserve the Collateral, provided that Borrower shall not be obligated to maintain any Collateral in the event Borrower determines, in the reasonable business judgment of Borrower, that the maintenance of such Collateral is no longer necessary in Borrower's business. Any and all reasonable fees, costs and expenses, of whatever kind or nature, including, without limitation, the attorneys' fees and legal expenses incurred by Collateral Agent and the Lenders in connection with the amendment and enforcement of this Agreement, all renewals, required affidavits and all other documents relating

hereto and the consummation of this transaction, 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 fees, encumbrances or otherwise protecting, maintaining or preserving the Collateral, or in defending or prosecuting any actions or proceedings arising out of or related to the Collateral, shall be borne and paid by Borrower, upon demand by Collateral Agent, and, until so paid, shall be added to the principal amount of the Obligations.

11. **BORROWER'S OBLIGATIONS TO PROSECUTE.** Except as otherwise agreed to by Collateral Agent in writing and subject to Section 10 hereof, Borrower shall have the duty to prosecute diligently any patent application or trademark application pending as of the date of this Agreement or thereafter until the Obligations shall have been paid in full, to file and prosecute opposition and cancellation proceedings and to do any and all acts which are necessary or desirable to preserve and maintain all rights in the Collateral in all material respects, including, but not limited to, payment of any maintenance fees. Any expenses incurred in connection with the Collateral shall be borne by Borrower. Borrower shall not abandon any Collateral without the prior written consent of Collateral Agent, unless such abandonment will not have a material adverse effect on Borrower or such abandonment is in connection with the abandonment of a product or product line.

12. **COLLATERAL AGENT'S RIGHTS TO ENFORCE.** Borrower shall have the right to bring any opposition proceedings, cancellation proceedings or lawsuit in its own name to enforce or protect the Collateral. Collateral Agent and the Lenders shall have the right, but shall have no obligation, to join in any such action. Borrower shall promptly, upon demand, reimburse and indemnify Collateral Agent and the Lenders for all damages, costs and expenses, including attorneys' fees incurred by Collateral Agent in connection with the provisions of this Section 12, in the event Collateral Agent and the Lenders elect to join in any such action commenced by Borrower.

13. **POWER OF ATTORNEY.** Borrower hereby authorizes and empowers Collateral Agent, acting on behalf of the Lenders, to make, constitute and appoint any officer or agent of Collateral Agent as Collateral Agent may select, in its exclusive discretion, as Borrower's true and lawful attorney-in-fact, with the power to endorse, after the occurrence of a Default Event, Borrower's name on all applications, documents, papers and instruments necessary for Collateral Agent to use the Collateral, or to grant or issue any exclusive or nonexclusive license under the Collateral to any third party, or necessary for Collateral Agent to assign, pledge, convey or otherwise transfer title in or dispose of the Collateral, together with associated goodwill to a third party or parties. Borrower hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney shall be irrevocable for the life of this Agreement.

14. **COLLATERAL AGENT'S RIGHT TO PERFORM OBLIGATIONS.** If Borrower fails to comply with any of its obligations under this Agreement, Collateral Agent, acting on behalf of the Lenders, may, but is not obligated to, do so in Borrower's name or in Collateral Agent's name, but at Borrower's expense, and Borrower hereby agrees to reimburse Collateral Agent on demand in full for all expenses, including reasonable attorneys' fees, incurred by Collateral Agent in protecting, defending and maintaining the Collateral.

15. **ADDITIONAL DOCUMENTS.** Borrower shall, upon written request of Collateral Agent, enter into such additional documents or instruments as may be required by Collateral Agent in order to effectuate, evidence or perfect Collateral Agent's interests in the Collateral as evidenced by this Agreement.

16. **NEW COLLATERAL.** If, before the Obligations shall have been satisfied in full, Borrower shall obtain rights to any new Collateral, the provisions of Section 1 shall automatically apply thereto as if the same were identified on Schedule A as of the date hereof and Borrower shall give Collateral Agent prompt written notice thereof.

17. **MODIFICATION FOR NEW COLLATERAL.** Borrower hereby authorizes Collateral Agent to modify this Agreement by amending Schedule A to include any future Collateral as contemplated by Sections 1 and 16 hereof and, at Collateral Agent's request, Borrower shall execute any documents or instruments required by Collateral Agent in order to modify this Agreement as provided in this Section 17, provided that any such modification to Schedule A shall be effective without the signature of Borrower.

18. **NO WAIVER.** No course of dealing between Borrower and Collateral Agent and the Lenders, nor any failure to exercise, nor any delay in exercising, on the part of Collateral Agent or the Lenders, any right, power or privilege hereunder, under any of the Lending Party Documents, or any other document executed in connection with any of the foregoing 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.

19. **REMEDIES CUMULATIVE.** All of the rights and remedies of Collateral Agent and the Lenders with respect to the Collateral, whether established hereby or by any other Lending Party Document, or by any other agreements or by law shall be cumulative and may be executed singularly or concurrently.

20. **SEVERABILITY.** The provisions of this Agreement are severable, and, if any clause or provision shall be held invalid and unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause or provision, or part thereof, in such jurisdiction, and shall not in any manner affect such clause or provision in any other jurisdiction, or any other clause or provision of this Agreement in any jurisdiction.

21. **MODIFICATIONS.** This Agreement may be amended or modified only by a writing signed by the parties hereto, except as provided in Section 17 above. In the event that any provision herein is deemed to be inconsistent with any provision of any other Lending Party Documents (other than the Credit Agreement) relating to the Collateral, the provisions of this Agreement shall control.

22. **SUCCESSORS AND ASSIGNS.** This Agreement shall inure to the benefit of and be binding upon the respective successors and permitted assigns of the parties, except that Borrower may not assign any of its rights or duties hereunder without the prior written consent of Collateral

Agent. Any attempted assignment or transfer without the prior written consent of Collateral Agent shall be null and void.

23. NOTICE. All notices, requests, demands and other communications provided for hereunder shall be in writing and, if to Borrower, mailed or delivered to it, addressed to it at the address specified on the signature page of this Agreement, if to Collateral Agent, mailed or delivered to it, addressed to it at the address specified below, or if to any Lender, mailed or delivered to it, addressed to the address of such Lender specified in the appropriate Lending Party Documents. All notices, statements, requests, demands and other communications provided for hereunder shall be deemed to be given or made when delivered or forty-eight (48) hours after being deposited in the mails with postage prepaid by registered or certified mail, addressed as aforesaid, or sent by facsimile with telephonic confirmation of receipt, except that notices from Borrower to Collateral Agent or any Lender pursuant to any of the provisions hereof shall not be effective until received by Collateral Agent or such Lender. All notices to Collateral Agent shall be sent to: KeyBank National Association, as collateral agent, 127 Public Square, Cleveland, Ohio 44114, Attention: Large Corporate Banking (or such other address as Collateral Agent shall specify in writing).

24. GOVERNING LAW/JURISDICTION. This Agreement shall be construed and enforced in accordance with, and the rights of the parties shall be governed by, the laws of the State of Ohio, without regard to principles of conflicts of law. Borrower hereby consents to the personal jurisdiction of the state and federal courts of the State of Ohio in connection with any controversy related to this Agreement, waives any argument that venue in such forums is not convenient and agrees that any litigation initiated by Borrower against Collateral Agent or any Lender shall be venued in the State or Federal District Courts of Ohio.


[Remainder of page intentionally left blank.]

25. JURY TRIAL WAIVER. BORROWER, COLLATERAL AGENT, AGENT AND THE LENDERS WAIVE ANY RIGHT TO HAVE A JURY PARTICIPATE IN RESOLVING ANY DISPUTE, WHETHER SOUNDING IN CONTRACT, TORT, OR OTHERWISE, AMONG BORROWER, COLLATERAL AGENT, AGENT AND THE LENDERS, OR ANY THEREOF, ARISING OUT OF, IN CONNECTION WITH, RELATED TO, OR INCIDENTAL TO THE RELATIONSHIP ESTABLISHED AMONG THEM IN CONNECTION WITH THIS AGREEMENT OR ANY NOTE OR OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION HERewith OR THE TRANSACTIONS RELATED THERETO.

IN WITNESS WHEREOF, the undersigned has executed this Agreement as of the date first written above.


Address: 7887 Washington Village Drive
Dayton, Ohio 45459

AMCAST INDUSTRIAL CORPORATION

By: 
Title: Douglas D. Watts, Vice President

Acknowledged and consented to by:

KEYBANK NATIONAL ASSOCIATION,
as Collateral Agent

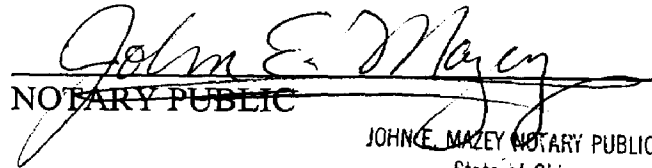
By: 
Title: FRANCIS W. LUTZ, JR.
PORTFOLIO OFFICER

ACKNOWLEDGMENTS

THE STATE OF OHIO)
) SS:
COUNTY OF MONTGOMERY)

BEFORE ME, the undersigned authority, on this day personally appeared Douglas D. Watts, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said AMCAST INDUSTRIAL CORPORATION, an Ohio corporation, and that he executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

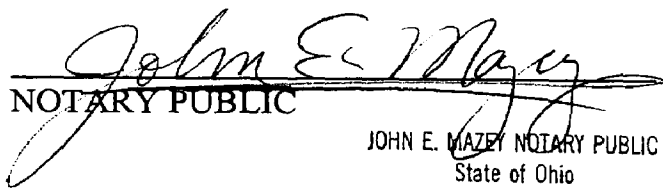
GIVEN UNDER MY HAND AND SEAL OF OFFICE this 14th day of July, 2000.


NOTARY PUBLIC
JOHN E. MAZEY NOTARY PUBLIC
State of Ohio
My Commission Has No Expiration

THE STATE OF OHIO)
) SS:
COUNTY OF CUYAHOGA)

BEFORE ME, the undersigned authority, on this day personally appeared Francis W. Lutz, Jr., known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said KEYBANK NATIONAL ASSOCIATION, a national banking association, and that he executed the same as the act of such national banking association for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 10th day of August, 2000.


NOTARY PUBLIC
JOHN E. MAZEY NOTARY PUBLIC
State of Ohio
My Commission Has No Expiration

**SCHEDULE A
TO
COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT**

1. Registered Trademarks

TRADEMARK	COUNTRY	SER. NO./ FILING DATE	REG. NO./ ISSUE DATE	STATUS
AMCAST	Canada		393,885 02/07/92	Registered
AMCAST	European Community		343,335 01/07/99	Registered
AMCAST	Japan	93478/1996 08/21/96		Pending
AMCAST	Mexico		549,140 05/27/97	Registered
AMCAST INDUSTRIAL CORPORATION & Design	Canada		302,194 04/26/85	Registered
AMCAST INDUSTRIAL CORPORATION & Design	Illinois		54300 01/31/84	Registered; renewed 1994
AMCAST INDUSTRIAL CORPORATION & Design	Michigan		M18-039 01/27/84	Registered; renewed 1994
AMCAST INDUSTRIAL CORPORATION & Design	Ohio		10452 03/12/84	Registered; renewed 1994
AMCAST INDUSTRIAL CORPORATION & Design	U.S.		1,327,986 04/02/85	Registered
FORMCAST	U.S.		2,105,643 10/14/97	Registered
FF & Design	U.S.		351,499 11/02/37	Registered; renewed 1997
FF & Design	Venezuela		68834F 05/31/72	Registered; renewed 1992
FF-A	U.S.		548,444 09/18/51	Registered; renewed 1991

FLAGG	U.S.		354,484 02/15/1938	Registered; renewed 1998
TRADEMARK	COUNTRY	SER. NO./ FILING DATE	REG. NO./ ISSUE DATE	STATUS
FLAGG	Venezuela		68831F 05/31/72	Registered; renewed 1992
FLAGG-FLOW	Canada		NS121/31055 12/30/48	Registered; renewed 1998
FLAGG-FLOW	U.K.		B674026 11/01/48	Registered; renewed 1997
FLAGG-FLOW	U.S.		515316 09/20/49	Registered; renewed 1989
HEALEY	U.S.		1,167,142 09/01/81	Registered

2. Patents

TITLE	COUNTRY	SER. NO./ FILING DATE	PAT. NO./ ISSUE DATE	STATUS
METHOD AND APPARATUS FOR FORMING TUBULAR RISERS AND MANIFOLDS INCLUDING TUBULAR RISERS	U.S.		5,419,174 05/30/95	Granted
METHOD FOR MAKING SCROLL COMPRESSOR ELEMENT	U.S.		5,615,480 04/01/97	Granted
BLOCK WITH AN INTEGRAL HOLLOW MEMBER AND METHOD OF MAKING	U.S.	09/010,370 01/21/98		Pending
MACHINE FOR FORMING T- SHAPED TUBULAR COMPONENTS USING A FORMING MATERIAL INSERT	U.S.	09/251,687 02/17/99		Allowed

MACHINE FOR FORMING T-SHAPED TUBULAR COMPONENTS USING A FORMING MATERIAL INSERT	All PCT countries designated.	US00/00236 01/07/00		Pending
A PROCESS FOR PRODUCING VARIABLE DISPLACEMENT COMPRESSOR PISTONS HAVING HOLLOW PISTON BODIES AND INTEGRAL ACTUATOR RODS	U.S.	09/243,178 02/02/99		Pending
A PROCESS FOR PRODUCING VARIABLE DISPLACEMENT COMPRESSOR PISTONS HAVING HOLLOW PISTON BODIES AND INTEGRAL ACTUATOR RODS	European Patent office and Canada designated.	US00/00266 01/06/00		Pending
WAX INSERT FORMING MACHINE	U.S.	09/365,920 08/03/99		Pending