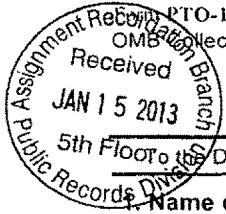


01/15/2013



U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

REC 103654199  
TRADEMARKS ONLY



PTO-1594 (Rev. 12-11)  
OMB Collection 0651-0027 (exp. 04/30/2015)

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

G.A.P. Pollution and Environmental Control, Inc.

- Individual(s)
- Partnership
- Corporation- State: PA
- Other
- Association
- Limited Partnership

Citizenship (see guidelines)

Additional names of conveying parties attached?  Yes  No

3. Nature of conveyance/Execution Date(s) :

Execution Date(s) November 30, 2012

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached?  Yes  No

Name: S&T BANK

Street Address: 800 Philadelphia Street

City: Indiana

State: PA

Country: USA Zip: 15217

- Individual(s) Citizenship
- Association Citizenship
- Partnership Citizenship
- Limited Partnership Citizenship
- Corporation Citizenship PA
- Other Citizenship

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s) Text

B. Trademark Registration No.(s)

1704812

Additional sheet(s) attached?  Yes  No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

"GAPVAX"

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

Name: Stephen M. Papernick, Esquire

Internal Address:

Street Address: 301 Grant Street, 34th Floor

City: Pittsburgh

State: PA Zip: 15219

Phone Number: (412) 765-2212

Docket Number:

Email Address: spapernick@papernick-gefsky.com

6. Total number of applications and registrations involved:

1

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

01/15/2013 KNGUYEN1 00000021 1704812

Deposit Account Number 01 FC:0521 40.00 OP

Authorized User Name

9. Signature: Gary A. Poborsky  
Signature

1/12/12

Date

Gary A. Poborsky, President

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

1

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Branch, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

## SECURITY AGREEMENT

THIS SECURITY AGREEMENT (this "Agreement") is dated as of November 20, 2012, but made effective as of November ~~20~~, 2012, by **McLANAHAN CORPORATION**, a Pennsylvania corporation ("McLanahan"), and **EIW, LLC**, an Iowa limited liability company ("EIW") (McLanahan and EIW are hereinafter collectively referred to as the "Debtor") TO AND IN FAVOR OF **S&T BANK**, a Pennsylvania state-chartered bank (hereinafter referred to as the "Lender"),

### WITNESSETH:

WHEREAS, pursuant to the terms of that certain Acquisition Loan Agreement of even date herewith executed by and between Debtor and Lender (such Acquisition Loan Agreement, including as the same may be amended from time to time, hereinafter called the "Acquisition Loan Agreement"), Lender has entered into a non-revolving term loan (the "Acquisition Loan") with Debtor in the principal sum of **One Million Eighty-Five Thousand Dollars (\$1,085,000.00)**; and

WHEREAS, pursuant to the terms of that certain Equipment Loan Agreement of even date herewith executed by and between Debtor and Lender (such Equipment Loan Agreement, including as the same may be amended from time to time, hereinafter called the "Equipment Loan Agreement"), Lender has entered into a non-revolving term loan (the "Equipment Loan") with Debtor in the principal sum of **Two Million Five Hundred Fifteen Thousand Dollars (\$2,515,000.00)**; and

WHEREAS, pursuant to the terms of that certain Inventory Loan Agreement of even date herewith executed by and between Debtor and Lender (such Inventory Loan Agreement, including as the same may be amended from time to time, hereinafter called the "Inventory Loan Agreement"), Lender has entered into a non-revolving short-term loan (the "Inventory Loan") with Debtor in the principal sum of **Nine Hundred Thousand Dollars (\$900,000.00)**; and

WHEREAS, the Equipment Loan, Acquisition Loan and Inventory Loan are hereinafter collectively called the "Loans"; the Equipment Loan Agreement, Acquisition Loan Agreement and Inventory Loan Agreement are hereinafter collectively called the "Loan Agreements"; the promissory notes executed by Debtor in favor of Lender to evidence the Loans are hereinafter collectively called the "Notes" (and in the singular, a "Note"); and all other documents, instruments and agreements executed in connection with the Loans are hereinafter collectively called the "Loan Security Documents"; and

NOW, THEREFORE, in consideration of the foregoing recitals, and in consideration of the Loans, the Obligations (as defined below), and any extensions of credit made or to be made by the Lender to the Debtor, and intending to be legally bound hereby, the Debtor hereby agrees to and with Lender as follows:

1. **Definitions**. Words and terms defined in the Acquisition Loan Agreement shall, unless the context hereof clearly otherwise requires, have the same meanings herein as therein provided. In addition to any words and terms defined elsewhere in this Agreement, the following words and terms shall have the following meanings, respectively, unless the context hereof otherwise clearly requires:

(a) “Accounts” shall have the meaning given to that term in the Code and shall include without limitation all rights of the Debtor, whenever acquired, to payment for goods sold or leased or for services rendered, whether or not earned by performance, and other obligations or indebtedness owed to the Debtor from whatever source arising; all rights of the Debtor to receive any payments in money or kind; all guarantees of the foregoing and security therefor; all of the right, title and interest of the Debtor in and with respect to the goods, services or other property that gave rise to or that secure any of the foregoing, and insurance policies and proceeds relating thereto, and all rights of the Debtor as an unpaid seller of goods and services, including, but not limited to, the rights of stoppage in transit, replevin, reclamation and resale; payment obligations arising out of the sale, lease or license of tangible or intangible property; credit card receivables; health care receivables; and all of the foregoing, whether now owned or existing or hereafter create or acquired.

(b) “Agreement” shall mean this Security Agreement as the same may be supplemented or amended from time to time.

(c) “Debtor’s Address” shall mean the address set forth in the first part of this Agreement.

(d) “Chattel Paper” shall have the meaning given to that term in the Code and shall include without limitation all tangible and electronic chattel paper owned by the Debtor, whenever acquired, which evidence both a monetary obligation and a security interest in or a lease of specific goods.

(e) “Code” shall mean the Uniform Commercial Code now or hereafter in force in the State of Iowa or Commonwealth of Pennsylvania, as the case may be.

(f) “Collateral” shall mean any of the collateral described in Section 2 of this Agreement.

(g) “Commercial Tort Claims” shall have the meaning given to that term in the Code.

(h) “Costs and Expenses” shall mean any and all sums, fees, costs, expenses and charges which the Lender may pay or incur (i) pursuant to any provision of this Agreement, or (ii) in connection with the preparation, execution, effectuation and administration of this Agreement or any other agreement or instrument executed in connection herewith, or (iii) in defending, protecting, preserving or enforcing its security interest or the Collateral or any other agreement or instrument executed in connection herewith, or (iv) otherwise in connection the

provisions of this Agreement. "Costs and Expenses" shall include, but is not limited to, all search, filing and recording fees; taxes; reasonable attorneys' fees and legal expenses; all fees and expenses for the service and filing of papers; premiums on insurance, bonds, and undertakings; fees of marshals, sheriffs, custodians, auctioneers, warehousemen, and others; travel expenses; all court costs and collection charges and all expenses of retaking, holding, assembling, cleaning and/or preparing any Collateral for sale or lease, selling, leasing and the like.

(i) "Deposit Accounts" shall have the meaning given to that term in the Code.

(j) "Documents" shall have the meaning given to that term in the Code and shall include without limitation all warehouse receipts (as defined by the Code) and other documents of title (as defined by the Code) owned by the Debtor, whenever acquired.

(k) "Equipment" shall have the meaning given to that term by the Code and shall include without limitation the items described on Schedule "1" and all Goods owned by the Debtor, whenever acquired and wherever located, used or bought for use primarily (i) in the business of Debtor, or (ii) for the benefit of the Debtor, and which are not included in Inventory of the Debtor, together with all attachments, accessories and parts used or intended to be used with any of those Goods or Fixtures, whether now or hereafter installed therein or thereon or affixed thereto, as well as all substitutes and replacements of any of the foregoing in whole or in part.

(l) "Event of Default" shall mean any of the Events of Default described in Section 4 of this Agreement.

(m) "Fixtures" shall have the meaning given to that term in the Code, and shall include without limitation leasehold improvements.

(n) "GAAP" shall mean generally accepted accounting principles.

(o) "General Intangibles" shall have the meaning given to that term in the Code and shall include without limitation all leases under which the Debtor now or in the future leases and/or obtains a right to occupy or use real or personal property, or both, and all of the Debtor's other contract rights, whenever acquired, and customer lists, choses in action, claims (including claims for indemnification), books, records, patents and patent applications, copyrights and copyright applications, trademarks, trade names, trade styles, trademark applications, blueprints, drawings, designs and plans, trade secrets, methods, processes, contracts, licenses, license agreements, formulae, tax and any other types of refunds, returned and unearned insurance premiums, rights and claims under insurance policies, and computer information, software, records and data, whenever acquired; and shall include without limitation the items described on Schedule "3".

(p) "Goods" shall have the meaning given to that term in the Code and shall include without limitation, any computer program imbedded in such goods.

(q) “Instruments” shall have the meaning given to that term in the Code and shall include without limitation all negotiable instruments (as defined in the Code), all certificated securities (as defined in the Code) and all other writings which evidence a right to the payment of money, now or after the date of this Agreement, owned by the Debtor, whenever acquired.

(r) “Inventory” shall have the meaning given to that term in the Code and shall include, without limitation, all Goods owned by the Debtor, whenever acquired and wherever located, held for sale or lease or furnished or to be furnished under contracts of service, and all raw materials, work in process and materials owned by the Debtor and used or consumed in the Debtor’s business, whenever acquired and wherever located, and all products thereof, and all substitutions, replacements, additions, accessions, tools, parts, supplies, increases and additions therefor and thereto.

(s) “Investment Property” shall have the meaning given to that term in the Code.

(t) “Letter of credit rights” shall have the meaning given to that term in the Code.

(u) “Obligations” shall mean, collectively, (i) the payment of all sums due or which may become due under or in connection with the Loan Agreements and/or the other Loan Security Documents, and in any renewal, extension or modification thereof and in all other agreements and instruments made and given by Indemnitors (or any of them) to Lender in connection therewith, (ii) all agreements, conditions, covenants, provisions and stipulations contained herein and in such Loan Security Documents, (iii) all Hedging Obligations (as such term is defined in the Loan Agreements), (iv) all present and future advances and re-advances that may subsequently be made to Debtor by Lender evidenced by the Loan Agreements and the other Loan Security Documents, or any other promissory notes, and all renewals and extensions thereof; (v) all charges and expenses of collection incurred by Lender, including court costs and attorney’s fees, all payments with respect to the Secured Collateral (as such term is defined in the Acquisition Loan Agreement) for taxes, assessments, maintenance charges, insurance premiums and costs incurred for the protection of the Secured Collateral or the lien of the Mortgage or this Agreement, expenses incurred by Lender by reason of default by Debtor and (vi) and all other “Obligations”, as such term is defined in the Loan Agreements.

(v) “Proceeds” shall have the meaning given to that term in the Code and shall include without limitation whatever is received when Collateral or Proceeds is sold, exchanged, collected or otherwise disposed of, whether cash or non-cash, and includes without limitation proceeds of insurance payable by reason of loss of, or damage to, Collateral.

(w) “Supporting obligations” shall have the meaning given to that term in the Code.

To the extent not defined in this Section 1, unless the context requires otherwise, all other terms contained in this Agreement shall have the meanings attributed to them by the Code, to the extent the same are used or defined therein.

2. **Grant of Security Interest.** As security for payment to Lender of all the Obligations, and as security for performance of the agreements, conditions, covenants, provisions and stipulations contained herein, and in any renewal, extension, or modification hereof and in all other agreements and instruments made and given by Debtor to Lender in connection with any of the Obligations, the Debtor agrees that the Lender shall have, and the Debtor grants to and creates in favor of the Lender, a security interest under the Code in and to:

(a) all Equipment and Fixtures (including, without limitation, the items described on Schedule "1" and Schedule "2" attached hereto and made a part hereof);

(b) the Accounts, Chattel Paper, Commercial Tort Claims, Documents, Deposit Accounts, Goods, General Intangibles, Instruments, Investment Property, Inventory, Letter of Credit Rights and Supporting Obligations which are now, or in the future, owned or acquired by EIW; and

(c) the Proceeds of all the items described in the foregoing (a) and (b), above.

Such property and other items described in the foregoing (a), (b) and (c), above, herein collectively called the "Collateral".

3. **Representations, Warranties and Covenants.** The Debtor represents and warrants to and covenants with the Lender, and such representations, warranties and covenants shall be continuing so long as any of the Obligations remain outstanding, as follows:

(a) The Debtor utilizes no trade names in the conduct of its business, except the names set forth above in the first part of this Agreement and as expressly set forth in the Loan Agreement, nor has Debtor changed its name, been the surviving entity in a merger, or acquired any business.

(b) The security interest in the Collateral granted to the Lender in this Agreement is and shall be a perfected first priority security interest in the Collateral, prior and superior to the rights of all third parties in the Collateral existing on the date of this Agreement or arising after the date of this Agreement.

(c) The Debtor is the owner of the Collateral free and clear of all security interests, mortgages, liens or encumbrances, except for liens that arise by operation of law with respect to obligations of the Debtor that are not yet due and payable and Permitted Liens; and the Debtor will defend the Collateral against all claims and demands of all persons at any time claiming an interest therein.

(d) The Debtor shall not mortgage, pledge, grant or permit to exist a security interest in, or lien or encumbrance upon, any of the Collateral except for the security interests to which the Lender may give its prior written consent and Permitted Liens.

(e) The Debtor shall maintain casualty insurance coverage on the Collateral in such amounts and of such types as may be required by Lender, and, in any event, as are ordinarily carried by similar businesses; and in the case of all policies insuring property in which the Lender shall have a security interest of any kind whatsoever, all such insurance policies shall provide that the proceeds thereof shall be payable to the Debtor and the Lender as their respective interests may appear. All such policies or certificates thereof, including all endorsements thereof and those required under this Agreement, shall be deposited with the Lender; and such policies shall contain provisions that no such insurance may be cancelled or decreased without thirty (30) days prior written notice to the Lender; and in the event of acquisition of additional insurable Collateral, the Debtor shall cause such insurance coverage to be increased or amended in such manner and to such extent as prudent business judgment would dictate. If the Debtor shall at any time or times hereafter fail to obtain and/or maintain any of the policies of insurance required herein, or fail to pay any premium in whole or in part relating to any such policies, the Lender may, but shall not be obligated to, obtain and/or cause to be maintained, insurance coverage with respect to the Collateral, including, at the Lender's option, the coverage provided by all or any of the Debtor's policies, and pay all or any part of the premium therefor, without waiving any Event of Default, and any sums so disbursed by the Lender shall be additional Obligations of Debtor, payable on demand.

(i) Upon the occurrence of an Event of Default, the Lender shall have the right to settle and compromise any and all claims under any of the policies required to be maintained by the Debtor under this Agreement, and the Debtor hereby appoints the Lender as its attorney-in-fact with power to demand, receive and give receipts for all monies payable thereunder, to execute in the name of the Debtor or the Lender or both any proof of loss, notice, draft, or other instruments or documents in connection with such policies or any loss thereunder, and generally to do and perform any and all acts as the Debtor but for this power of attorney, might or could perform.

(f) [intentionally omitted].

(g) The Debtor shall pay or deposit promptly when due all sales, use, excise, personal property, income withholding corporate, franchise, and other taxes, assessments and governmental charges upon or relating to its ownership or use of any of the Collateral and shall submit to the Lender proof satisfactory to the Lender that such payments and/or deposits have been made upon request.

(h) The Debtor authorizes the Lender to file financing statements describing the Collateral in such public offices as Lender may require, without Debtor's signature. Said financing statements may describe the personal property set forth herein (i) by specific or general description, (ii) by collateral classification or category, (iii) by general reference to all of Debtor's assets, or (iv) by such other manner as Lender may elect. If the law of the jurisdiction

in which such instruments are filed requires Debtor's signature, Debtor agrees to sign such financing statements, continuation statements, or other security agreements Lender may require. In addition, the Debtor shall, at any time and from time to time upon request of the Lender, execute and deliver to the Lender, in form and substance satisfactory to the Lender, such documents as Lender shall deem necessary or desirable to perfect or maintain perfected the security interest of the Lender in the Collateral or which may be necessary to comply with the law of the Commonwealth of Pennsylvania, or the law of any other jurisdiction in which Debtor was formed or in which the Debtor may then be conducting business, or in which Debtor's principal residence or chief executive office is located, or in which any of the Collateral may be located. Debtor hereby ratifies all financing statements filed by Lender prior to Debtor's execution hereof, including without limitation, those certain UCC financing statements filed with the Pennsylvania Department of State at File Nos. 2006042403894, 2006100400558, 2010102700911 and 2010062202043.

(i) The Debtor shall pay any and all Costs and Expenses within thirty (30) days after written notice from Lender and submit to the Lender proof satisfactory to the Lender that such payment(s) have been made, or reimburse the Lender therefor.

(j) The Debtor, without first obtaining the prior written consent and approval of the Lender, will not sell, assign, lease or otherwise dispose of (whether in one transaction or in a series of transactions), any of its assets (whether now owned or hereafter acquired) except in the ordinary course of business.

(k) If and to the extent that Equipment is part of the Collateral:

(i) All Equipment now owned is and all Equipment acquired in the future will be, in the possession of the Debtor at the Debtor's Address. If such locations(s) is/are not owned by the Debtor, or if any of the Equipment is or shall be affixed to any real estate, including any buildings owned or leased by the Debtor in the operation of its business, the Debtor shall provide the Lender with waivers necessary to make the security interest in the Equipment valid against the Debtor and other persons holding an interest in such real estate. The Debtor shall notify the Lender at least thirty (30) days prior to any change of any location where any of the Equipment is or may be kept.

(ii) The Debtor shall keep and maintain all Equipment in good operating condition and repair and make all necessary repairs thereto and replace parts thereof so that the value and operating efficiency thereof shall at all times be maintained and preserved; and the Debtor shall keep complete and accurate books and records with respect to all Equipment, including maintenance records.

(iii) The Debtor shall deliver to the Lender any and all evidence of ownership and certificates of origin and/or title to any and all of the Equipment.

(iv) The Debtor shall not, without the prior written consent of the Lender, sell, offer to sell, lease, offer to lease, or in any other manner dispose of any of the



Equipment (although Debtor may remove any Equipment, and it shall thereafter be free of any security interest or lien created hereby, on condition that (1) simultaneously with, or prior to such removal, such Equipment shall be replaced with other Equipment (the "Replacement Property") to perform the function of the Equipment removed and of a value at least equal to that of the replaced property and free from any title retention or security agreement or other encumbrance, other than Permitted Liens, and (2) such Replacement Property shall be deemed to comprise part of the Collateral subject to this Agreement.

(l) If and to the extent that Inventory is part of the Collateral:

(i) All Inventory now owned is and all Inventory acquired in the future will be, in the possession of the Debtor at the Debtor's Address, and all records of the Debtor pertaining thereto are and will be kept at such address. The Debtor shall notify the Lender at least thirty (30) days prior to any change of any location where any of the Inventory is or may be kept.

(ii) The Debtor shall not sell, lease, or otherwise transfer any interest in the Inventory, except that the Debtor may, until the occurrence of any Event of Default, hold, possess, sell, use, or consume Inventory in the ordinary course of the Debtor's business.

(iii) The Debtor shall keep current stock, cost and sales records of the Inventory, accurately itemizing and describing the types and quantities of Inventory, and the cost and selling price thereof; and all books, records, and documents relating to the Inventory are and will be genuine, complete and correct, in all material respects.

(iv) None of the Inventory is, or at any time or times hereafter will be, stored with a bailee without the prior written consent of the Lender.

(v) The Debtor shall, at the Lender's request, deliver to the Lender any and all evidence of ownership of, certificates of origin and/or title to, or other documents evidencing any interest in any and all of the Inventory.

(m) If Chattel Paper, Instruments and/or Documents are part of the Collateral:

(i) The Lender shall be under no duty to (a) collect or protect the Chattel Paper, Instruments and/or Documents or any proceeds thereof or give any notice with respect thereto; (b) preserve the rights of the Debtor with respect to the Chattel Paper, Instruments and/or Documents against prior parties; (c) preserve rights against any parties to any Chattel Paper, Instruments and/or Documents; (d) sell or otherwise, realize upon the Chattel Paper, Instruments and/or Documents; or (e) seek payment from any particular source. Without limiting the generality of any of the foregoing, the Lender shall not be required to take any action in connection with any conversion, call, redemption, retirement, or any other event relating to any of the Chattel Paper, Instruments and/or Documents.

(ii) Debtor shall cause any Chattel Paper which arises from the sale of Debtor's inventory to contain a legend in a form satisfactory to Lender, indicating Lender's security interest.

(n) If and to the extent that Accounts are a part of the Collateral:

(i) The Debtor has no other places of business except at Debtor's Address. All records pertaining to the Accounts (including, but not limited to, computer records) and all returns of Inventory are kept at Debtor's Address; and the Debtor will notify the Lender at least thirty (30) days prior to any change in the address where records pertaining to Accounts or Inventory are kept.

(ii) All books, records and documents relating to any of the Accounts (including, but not limited to, computer records) are and will be genuine and in all respects what they purport to be; and the amount of each Accounts shown on the books and records of the Debtor and will be the correct amount actually owing for, or to be owing at maturity of, each of the Accounts, in all material respects.

(iii) Any proceeds of Accounts collected by the Debtor, after the occurrence of any Event of Default, shall not be co-mingled with other funds of the Debtor and shall at the Lender's request be immediately delivered to the Lender in the form received except for necessary endorsements to permit collection. The Lender in its sole discretion may allow the Debtor to use such proceeds to such extent and for such periods, if any, as the Lender elects.

(iv) The Debtor shall, at the Lender's request, furnish to the Lender within thirty (30) days after the end of each calendar month an aged analysis of all outstanding Accounts, in form and substance satisfactory to the Lender.

(o) The Debtor will not change its fiscal years or accounting and/or depreciation methods.

(p) The Debtor will not change its state of incorporation, formation or, organization.

(q) During the five year period prior to the execution of this Agreement, Debtor's chief executive office and all of the Collateral were located solely in the Commonwealth of Pennsylvania.

(r) Debtor will not change its state organizational identification number or federal taxpayer identification number, or the location of its chief executive office or principal residence,

(s) If Letter of Credit Rights are part of the Collateral, Debtor shall provide Lender with the consent of the issuer of the letter of credit to Lender's security interest.

(t) [intentionally omitted].

(u) If property held by a bailee is part of the Collateral, Debtor shall provide Lender with an acknowledgment, signed by the bailee, of Lender's security interest in such property in bailee's possession.

(v) If Debtor acquires any Commercial Tort Claims after the date of this Agreement, Debtor shall immediately notify Lender, and shall execute an amendment to this agreement and such additional documents as Lender may require to create and perfect a security interest in such commercial tort claim in favor of Lender.

4. **Events of Default.** As used in this Agreement, the term "Event of Default" shall mean any one or more of the following at the option of Lender:

(a) The occurrence of one or more of the events defined in any Loan Agreement or in any other document evidencing or securing any of the Obligations as an "event of default";

(b) The failure of the Debtor to comply fully with all of the terms, conditions, representations, or covenants of this Agreement, including the covenants set forth in Paragraph 3 hereof, and such failure shall have continued either (a) for a period beyond the grace period, if any, granted elsewhere in this Agreement, or (b) where not otherwise specified herein, for a period of thirty (30) days after notice of such default shall have been given to Debtor; or

(c) Any loss, theft, damage, or destruction of any material portion of the Collateral for which there is either no insurance coverage, or for which in the opinion of the Lender there is insufficient insurance coverage; or

(d) The sale or other disposition of all or substantially all of the property or assets of the Debtor, any subsidiary of the Debtor or any accommodation party of the Debtor, other than in the ordinary course of business.

5. **Rights and Remedies.** The Lender shall have, by way of example and not of limitation, the rights and remedies set forth in this Section 5 after the occurrence of any Event of Default (or after the occurrence of any Demand being made under the Line of Credit Loan Agreement):

(a) The Lender and any officer or agent of the Lender is hereby constituted and appointed as true and lawful attorney-in-fact of the Debtor with power:

(i) If and to the extent that Accounts are part of the Collateral, to notify or require the Debtor to notify any and all account debtors or parties against which the Debtor has a claim that such Accounts have been assigned to the Lender and/or that the Lender has a security interest therein and that all payments should be made to the Lender;

(ii) To endorse the name of the Debtor upon any instruments or payments (including but not limited to, payments made under any policy of insurance) that may come into the possession of the Lender in full or partial payment of any amount owing to the Lender;

(iii) To sign and endorse the name of the Debtor upon any invoice, freight or express bill, bill of lading, storage or warehouse receipt, or drafts against account debtors or other obligors, and, if and to the extent that Accounts are part of the Collateral to sign and endorse the name of the Debtor on any assignments, verifications and notices in connection with such Accounts, and any instrument or document relating thereto or to the rights of the Debtor therein;

(iv) [intentionally omitted];

(v) If and to the extent that Accounts are part of the Collateral, to send requests for verification to account debtors or other obligors, and

(vi) To sell, assign, sue for, collect, or compromise payment of all or any part of the Collateral in the name of the Debtor or in its own name, or make any other disposition of the Collateral, or any part thereof, which disposition may be for cash, credit or any combination thereof; and the Lender may purchase all or any part of the collateral at public, or, if permitted by law, private sale, and, in lieu of actual payment of such purchase price, may set off the amount of such price against the Obligations;

(vii) The Debtor grants to the Lender, as the attorney-in-fact of the Debtor, full power of substitution and full power to do any and all things necessary to be done as fully and effectually as the Debtor might or could do but for this appointment and hereby ratifying all that said attorney-in-fact shall lawfully do or cause to be done by virtue hereof. Neither the Lender nor its officers and agents shall be liable for any acts or omissions or any error of judgment or mistake of fact or law in its capacity as such attorney-in-fact. This power of attorney is coupled with an interest and shall be irrevocable so long as any of the sums becoming due under this Agreement, or any of the Obligations, and/or performance under all the other provisions contained herein and therein, shall remain outstanding.

(b) If Chattel Paper, Instruments and/or Documents are part of the Collateral, the Lender may at its option and without notice (i) transfer into its name or the name of its nominee all or any part of the Chattel Paper, Instruments and/or Documents; (ii) demand, sue for, collect and receive all interest, dividends, and other proceeds thereof, and hold the same as security for payment of any sums due Lender or, if cash proceeds, apply the same as payment thereof; (iii) notify any person obligated on any of the Chattel Paper, Instruments and/or Documents of the security interest of the Lender therein and request such person to make payment directly to the Lender; or (iv) demand, sue for, collect, or make any settlement or compromise the Lender deems desirable with respect to any of the Chattel Paper, Instruments and/or Documents.

(c) The Lender shall have the right to enter and/or remain upon the premises of the Debtor without any obligation to pay rent to the Debtor or others, or any other place or places where any of the Collateral is located and kept, and:

(i) Remove Collateral therefrom to the premises of the Lender or any of its agents, for such time as the Lender may desire, in order to maintain, sell, collect and/or liquidate the Collateral; or

(ii) Use such premises, together with materials, supplies, books and records of the Debtor, to maintain possession and/or the condition of the Collateral, and to prepare the Collateral for selling, liquidation or collecting.

(d) The Lender may require the Debtor to assemble the Collateral at the Debtor's place of business.

(e) Any notice required to be given by the Lender of a sale or other disposition by the Lender of any of the Collateral, made in accordance with this Agreement, which is mailed or delivered at least fifteen (15) days prior to such proposed action, shall constitute fair and reasonable notice to the Debtor of any such action. In the event that any of the Collateral is used in conjunction with any real estate, the sale of the Collateral with and as one parcel of any such real estate of the Debtor shall be deemed to be a commercially reasonable manner of sale. Lender has no obligation to clean up or otherwise prepare the Collateral for sale, and Lender may specifically disclaim warranties of title or the like. The net proceeds realized by the Lender upon any such sale or other disposition, after deduction of the Costs and Expenses, shall be applied toward satisfaction of the remaining Obligations. If the Lender sells any of the Collateral upon credit, only the payments actually made by the purchaser and received by Lender are to be applied to the Obligations. In the event the purchaser fails to pay for the Collateral, Lender may resell the collateral and Debtor shall be credited with the proceeds of the sale. The Lender shall account to the Debtor for any surplus realized upon such sales or other disposition and the Debtor shall remain liable for any deficiency. The commencement of any action, legal or equitable, shall not affect the security interest of the Lender in the Collateral until the Obligations or any judgment(s) therefor are fully paid.

(f) Lender may exercise an immediate right of setoff against any accounts or deposits the Debtor may have with Lender. This subsection shall not be construed as a limitation on any rights the Lender may have against Debtor or any other parties or any other accounts or deposits.

(g) The Lender shall have, in addition to any other rights and remedies contained in this Agreement and any other agreements, instruments, and documents heretofore, now, or hereafter executed by the Debtor and delivered to the Lender all of the rights and remedies of a secured party under the Code, all of which rights and remedies shall be cumulative and nonexclusive, to the extent permitted by Law.

6. General Provisions.

(a) No delay or failure of the Lender in exercising any right, power, or privilege under this Agreement shall affect such right, power or privilege; nor shall any single or partial exercise thereof or any abandonment or discontinuance of steps to enforce such a right, power or privilege preclude any further exercise thereof or of any other right, power or privilege. The rights and remedies of the Lender are cumulative. Any waiver, permit, consent or approval of any kind or character on the part of the Lender of any breach or default under this Agreement or any such waiver of any provisions or condition of this Agreement, must be in writing and shall be effective only to the extent specifically set forth in such writing.

(b) The Debtor hereby confirms the Lender's right of Lender's lien and setoff, and nothing in this Agreement shall be deemed a waiver or prohibition of the Lender's right thereto.

(c) All notices, statements, requests and demands given to or made upon the Lender in accordance with the provisions of this Agreement shall be given as specified in Section 12.4 the Acquisition Loan Agreement; and all notices, statements, requests and demands given to or made upon Debtor in accordance with the provisions of this Agreement shall be given as specified for notices as to Borrower in Section 12.4 of the Acquisition Loan Agreement.

(d) The provisions of this Agreement may not be amended except by a writing signed by the Debtor and the Lender.

(e) This Agreement shall be governed by and construed and enforced under the laws of the Commonwealth of Pennsylvania in all respects, including matters of construction, performance and enforcement, excluding the principles of the Commonwealth of Pennsylvania governing conflicts of law; excepting, however, to the extent that the procedural laws of the State of Iowa may apply to any action commenced by the Lender in pursuit of remedy against those portions of the Collateral located in Iowa.

In particular, with regard to interest payments payable under or in connection with Loan Security Documents, the Debtor acknowledges that part and parcel of the consideration due Lender for the making of the Loans is the understanding that all questions of maximum interest rate and/or usury shall be governed by the laws of the Commonwealth of Pennsylvania is not for the purpose of avoiding the law or public policy of the State of Iowa, but is rather a negotiated term in the commercial transaction underlying this Agreement and the Loans, and is based upon a reasonable relation to the Commonwealth of Pennsylvania as otherwise evidenced by this Agreement and the other Loan Security Documents.

(f) If any provision of this Agreement shall for any reason be held invalid or unenforceable, such invalidity or unenforceability shall not affect any other provision of this Agreement or any other agreement between the Debtor and the Lender; but this Agreement shall be construed as if such invalid or unenforceable provision had never been contained herein.

(g) All paragraph headings in this Agreement are included for convenience only and are not to be construed as a part hereof or in any way as limiting or amplifying the terms hereof.

(h) This Agreement may be executed in as many counterparts as may be deemed necessary and convenient, and each of which when so executed shall be deemed an original, but all such counterparts shall constitute but one and the same writing.

(i) The provisions of this Agreement shall be binding upon and shall inure to the benefit of the successors and assigns of the Lender and the Debtor; provided, however, that the Debtor may not assign any of their rights or delegate any of its obligations hereunder without the prior written consent of the Lender.

(j) [intentionally omitted].

(k) Each reference in this Agreement to the Lender shall be deemed to include its successors and assigns. Any pronouns used in this Agreement shall be construed in the masculine, feminine, neuter, singular, or plural as the context may require.

(l) The term "Debtor", as used herein, shall mean the "Debtor and each Person comprising the Debtor". All covenants, promises, agreements, authorizations, waivers, releases, options, undertakings, rights and benefits made or given herein by "Debtor" shall be construed as joint and several by and between each and every Person comprising the Debtor, and shall bind and affect all Persons who are hereinabove defined as, or comprising, the "Debtor" as fully as though all such Person were specifically named herein whenever the term "Debtor" is used. If any Person comprising Debtor shall be a partnership, corporation, limited liability company or other legal entity, the agreements and obligations on any part of the Debtor herein contained shall remain in force and applicable notwithstanding any changes in the Persons comprising the partnership, corporation, limited liability company or other entity, and the term "Debtor" shall include any altered or successive partnerships, corporations, limited liability companies and other entities.

(m) The Lender may from time to time, without notice to the Debtor, sell, assign, transfer or otherwise dispose of all or any part of its right, title and interest in the Loans, in any of the Obligations and/or the Collateral therefor. In such event, each and every immediate and successive purchaser, assignee, transferee, or holder of any or any part of the Loans, the Obligations and/or the Collateral shall have the right to enforce this Agreement, by legal or equitable action or otherwise, for its own benefit, as fully as if such purchaser, transferee, or holder were in this Agreement by name specifically given such rights. Lender shall have an unimpaired right to enforce this Agreement, for its own benefit, for the portion of the Loans and/or Obligations and/or the Collateral which the Lender has not sold, assigned, transferred or otherwise disposed of.

(n) Debtor acknowledges and agrees that (a) Lender may take from time to time in the future, in connection with the Loans and/or other financing transactions with Debtor

or others, multiple security interests and file multiple financing statements and otherwise take action to perfect security interests in the collateral as is covered by this Agreement or any other agreement, document or instrument, and (b) the actions described in (a) do not and are not intended in any fashion to cause a termination, substitution, or novation of any security interests, liens or encumbrances of whatsoever nature or kind, or any financing statements or any other acts of perfection of any such interest granted pursuant to this Agreement or any other agreement, document or instrument, whether now or hereafter existing.

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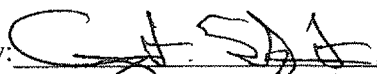


IN WITNESS WHEREOF, the Debtor has caused this Agreement to be executed as of the date first above written.

ATTEST:

**McLANAHAN CORPORATION**, a Pennsylvania corporation

  
Secretary


By:  (SEAL)  
George L. Sidney Jr., President and Chief Operating Officer

ATTEST:

**EIW, LLC**, an Iowa limited liability company

  
Secretary

By: **McLANAHAN CORPORATION**, a Pennsylvania corporation, its sole member

By:  (SEAL)  
George L. Sidney Jr.  
President and Chief Operating Officer

*Schedule "I"*

*Purchased Equipment List*

11/19/2012

Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Maintenance Department across the street	1	1	Unknown	Gardner Denver	Air Compressor	CASRSA32 HARA15-12.203/3.S	D058780	15 hp, 230 volt, 3-phase, mounted on a 80 gallon horizontal tank, 2-vertical piston, Reward Series, appears to be in very good condition.
	2	2	2008	Gardner Denver	Air Compressor	EB099M	5292999	460 volt, 3-phase, Baldor 150 HP motor, no sound enclosure cabinet, skid mounted, 9,763 hours on the meter, Electra Saver II, ODP, HI EFF, AC, L/E, EBQ99M, second SN 5293000, skid mounted easy to remove.
Shipping/Assembly Bay	3	1	Unknown	Kellogg American	Air Compressor	Unknown	Unknown	(2) vertical piston mounted on an 80 gallon vertical tank, 3 hp, 220/440 volt, 3 phase motor, DM6 63-B, good eye appeal, used on an "as needed" basis, old unit.
Sheet Steel /Plate	4	1	2008	Gardner Denver	Air Dryer	RNC1000A4	RG0B110ABA4A2NG08045	232 PSIB, 460 volt, 3-phase, R404A refrigerant, 1000 CFM, air cooled.
Steel Storage Bay	5	1	Unknown	Acco	Bar	Unknown	Unknown	Spreader bar, 7' 9" left to right, approximate capacity of 2-5-500 (10,000), steel picks, the frame is bent, is used on a routine basis.
Shipping/Assembly Bay	6	1	Unknown	Unknown	Bender	H524	Unknown	Tube bender, unable to read SN, this is bench model, manual type, up to 1" dies, old unit used for general application of bending small thin wall tube steel.
Chip Grinding Area	7	1	Unknown	Pangborn	Blast Machine	8LT-3	8LT-3-872	Rotary blast machine, 96" diameter rotary table, air type with push button controls, 7,046 hours on the meter, includes the pangborn recovery system, the liners have not been replaced in the last (4) years but they do receive regular maintenance, the machine functions on a routine basis, has good eye appeal, does not have hangers, is strictly a rotary table, single angle wheel.
Foundry	8	1	Unknown	Wheelabrator	Blast Machine	Unknown	A120567	Tumble blast machine, complete with a recovery system, the main shaft bearing was recently replaced, the interior belt has not been replaced for some time, generic unit, does include a shuttle feed hopper, push button controls, operates on a routine basis.
Machine Shop	9	1	Unknown	Rigid	Boil & Pipe Machine	1224	102747	120 volt, 4" diameter through spindle, standard lull carriage with die set reamer and coloff, speed chuck, additional die, a quantity of chasers, heavy duty unit, appears to be in good condition.
Paint Department	10	1	Unknown	Unknown	Booth	Unknown	Unknown	Paint spray booth, 3-sided with top mounted exhaust, approximately 35 left to right, approximately 6" deep, approximately 6' tall, rear mounted filters, bolt together design, has respiratory protector/breathing system, no fire suppression, set up to use wet paint, has no liquidation value, only an "in place" value.
Layout	11	1	1973	Pacific	Brake	K135-12	5794	Hydraulic press brake, rated at 8' of 1/4", sub floor base, 12' overall, 10' 6" between the housings, hydraulic type with a rope leveling system, push button controls, manual micro switch depth control, single stroke, continuous run control, does not have a back gauge, basic machine with no additional options, this machine is questionable if it is capable of producing full tonnage over the full length of the machine, the company is only bending 16 gauge over the full length, suspect to certain suspect dies rated machine, hydraulic rams do not leak fluid, original paint and decal, included with this machine is a 4-way die that is 3-1/2 square and a top V-die that is 1", this set of dies is reported to be inaccurate and need to be machined.
Layout	12	1	1973	Pacific	Brake	K750-22	5689	Hydraulic press brake, 750 ton maximum capacity, 22' overall with 20" between the housings, self leveling lops system, micro switch depth control, sub-floor machine, single stroke, continuous stroke, 22' 4-way die and (2) 11' top V-dies that are 1-1/2" palm buttons, in 2011 the hydraulic valving was replaced, hoses were reconditioned, oil and oil filters changed, functions on a routine basis, the ram is machined for angles, the dies are in poor condition and need to be replaced or machined, functions on a routine basis, has fair eye appeal, appears to be in fair to good condition overall. The 4-way die on the left and is broken, additional 22' 4-way die in poor condition and needs to be remachined.
Assembly Bay	13	1	Unknown	Unknown	Bridge Crane	Unknown	Unknown	Portable gantry bridge crane, this unit is rated at 12 tons, has single girder, the rail portion is top rail mounted with power trolley, the outrigger A-frame portion is box column welded design with power travel trolley running on a railroad beam in the floor, power driven, equipped with (2) Wright Way cable hoists, the precise tonnage is unknown estimated at 5 - 6-ton each, pendant control, does not have remotes, single speed, approximately 40 - 50 years in age, functions on a routine basis, would be easy to remove.
Machine Shop	14	1	Unknown	Oil Gear	Broach	Unknown	17254	Horizontal broach, type X132, this unit has a 66" stroke, hydraulic type with 12" broach bar support, basic unit, has a variety of (8) broach bars, old unit, functions on a routine basis.
Foundry	15	1	Unknown	Shop Built	Bucket	Unknown	Unknown	Charge bucket, shop built bucket to load the scrap metal into the furnace, it requires the use of an overhead crane, designed to fit with this company's furnaces and this company's application, 2,000 pound capacity, was recently reconditioned with new bail and new door, works in conjunction with furnace.
Machine Shop	16	1	Unknown	Tranco	Cabinet	48/BP	66557-8	Dry blast cabinet, 48" left to right, 20" front to back, the opening for the door is 20" x 22", includes a Tranco dry blast model PB2 recovery system, was purchased new, appears to be in good condition overall.
Maintenance Department	17	1	Unknown	Tranco	Cabinet	Dry Blast 36-DP	66556-8	Sandblast cabinet, with recovery system, this has very good eye appeal, appears to be in very good condition, appears to be a 24' x 36" size.
Foundry	18	1	Unknown	Shop Built	Cart	Unknown	Unknown	Charge cart built by Eagle Iron, this transfers the ladle into a charge chamber where manganese is added, where they add the chemicals to make the ductile iron wire while the molten material is in the ladle, its only value is to this company, works in conjunction with furnaces.
Machine Shop	19	1	Unknown	Unknown	Centering Machine	Unknown	Unknown	Approximately 72" left to right capacity, approximately 6" diameter, 2-power drill heads with centering drills, manual clamps, flat and V ways, approximate vintage 1950s, manual coupler bar to open and close the quills, old unit, functions on a routine basis.
Shipping/Receiving	20	1	Unknown	Hobart	Charger	Battery Mate	493C509381	Battery charger, battery type LA, 1-circuit, 451 - 510 amps per hour in 8-hours, 24 volt, 208/240/480, single phase, model 510M1-12, spec number 7217, used on the Prime Mover walk behind forklift.
Shipping/Receiving	21	1	Unknown	Hobart	Charger	Battery Mate	193C502506	Battery charger, battery type LA, 18-cell, 728 - 865 amps per hour in 8-hours, 36 volts, input voltage is 208/240/480, 3-phase, the model is 865H3-B, spec number 7204.
Shipping/Receiving	22	1	Unknown	Unknown	Computer Equipment	Unknown	Unknown	Computer equipment, including NCR, Dell, Gateway, and Apple computers, and NCR, Okidata, Dell, Epson, and HP printers, and Epson, Xerox, and Oco scanners. SEE ATTACHED LIST FOR COMPLETE LISTING.
Sheet Steel /Plate	23	1	Unknown	Custom Built	Conveyor	Unknown	Unknown	Roller conveyor, one section, 10' width, 25' length, has 6" diameter rolls, power type conveyor with roller chain and spur gear drives, appears to be in very good condition, very heavy duty, designed to be used with plate steel, custom built by Eagle Ironworks.

11/19/2012

Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Seq/Inv Num/Qty	Year	Brand name	Type	Model	SN	Description
Sheet Steel /Plate Steel Storage Bay	24	Unknown	Shop Built	Conveyor	Unknown	Unknown	Power roll conveyor, 8' width x 25' length, shop built by Eagle Ironworks, power type with chain drive spur gear, 4" diameter roll, used to transfer plate and sheet steel, heavy duty design, operates on a routine basis
Sheet Steel /Plate Steel Storage Bay	25	Unknown	Unknown	Conveyor	Unknown	Unknown	(2) sections of roller conveyor, 4' width by 20' length, manual type, these are left over from a punch line which was removed from the building, these rolls are 4" diameter, appear to be in fair condition overall
Foundry	26	Unknown	Unknown	Conveyor	Unknown	Unknown	Belt conveyor, approximately 250' length, 18" width, channel frame, used in the sand delivery system, this system starts with the speed muller the BP756, from the BP muller the sand is discharged onto this feed belt, this feed belt then supplies the sand to (3) molding machines, due to its location which is approximately 25' above the floor it would be very difficult to remove, the cost of removal far exceeds its value, the belt appears to be in good condition.
Pattern Storage Room off from the foundry.	27	Unknown	Unknown	Conveyor	Unknown	Unknown	Underground conveyor system for the transportation of the foundry sand, this consists of the following components: Component sand screw made by Eagle Iron Works, encompasses approximately 100' in length, this is in front of the molders; Component shaker feed table which is customized and custom built for this company, under the concrete floor, approximately 50' in length, removing this would be very difficult; Component conveyor belt, underground, goes to the shaker table, has ribs, 24" by 16", would be very difficult to remove; Component under ground, conveyor that goes from one of the bucket elevators over to the Simply shaker table, would be very difficult to remove; Component custom built, normalizing furnace, used to condition the in hard material, consists of control panel, this is essentially an opening in part of the building which the company has installed doors which raise and lower, LP fire, has no liquidation value but does have value in place.
Foundry	28	Unknown	Louden	Crane	Unknown	Unknown	Bridge cranes, 2-ton capacity, single girder, under slung with R & M cable hoists which are also under slung, (3) of these in the foundry area and they are identical.
Shipping/Assembly Bay	29	Unknown	Shop Built	Crane	Unknown	Unknown	Job crane, floor mounted, 180° swing, constructed of I-beam and channel steel, equipped with a Coffing 2-ton chain hoist, arm approximately 18' in length, approximately 18' under the arm, would be very easy to remove, very heavy duty.
Machine Shop	30	Unknown	Shop Built	Crane	Unknown	Unknown	Job crane, floor to ceiling mount, 180° swing, made of I-beam, shop built, approximately 12' arm, is rated at 1 ton.
Foundry	31	Unknown	Shop Built	Crane	Unknown	Unknown	Job crane, shop built by Eagle Iron, floor to post mount, 180° swing, approximately 13' - 15' arm with approximately 9' under the arm, easy to remove, includes Coffing 2-ton chain hoist.
Shipping/Assembly Bay	32	Unknown	Unknown	Crane	Unknown	Unknown	Overhead bridge crane, single girder, top rail run, under slung hoists, rated at 30-ton, has (2) Acco Wright cable hoists, number 05-112, the two hoists function simultaneously with the single pendant control, there are no remotes and it is not a two speed, old hoist although it is under current inspection certificates, power travel, originally designed with a crow's nest.
Shipping/Assembly Bay	33	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run with (2) cable hoists, the cable hoists are under slung, 65' span, rated at 12 ton capacity, the hoists are Wright Speedway, pendant control, no remotes, single speed, old unit, functions on a daily basis.
Sheet Steel /Plate Steel Storage Bay	34	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double column, top rail run, single cable hoist which is top rail mounted, pendant control, does not have remote controls, single speed, rated at 5-ton capacity, approximately 56' in width, has a walk platform on the back side of one of the beams, appears to be a Wright Way 5-ton hoist, the unit good eye appeal, appears to be in good condition overall.
Sheet Steel /Plate Steel Storage Bay	35	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, single cable hoist at the top rail run, pendant control, no remotes, single speed, 56' width, walk bridge on the back side of one of the girders, 5-ton capacity hoist, believe to be a Wright Way hoist, good eye appeal, older unit, has gearbox drive, functions on a daily basis.
Plate Burning Bay	36	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, cable hoist that is top rail run, the hoist is 12,000 pound capacity, assume it to be a Wright Way, pendant control, no remote, single speed, has walk bridge on the back side of one of the girders, this would have approximately 35' under the hook, rated at 6-ton, good eye appeal, appears to be in good condition.
Welding area, east Bay	37	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, 10-ton rated capacity, 10-ton cable hoist, name of the hoist is Robbins & Myers, pendant control, no remotes, single speed, approximately 25' under the hook, older unit, has walk bridge behind the one girder, appears to be in fair to good condition overall.
Welding area, east Bay	38	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, 10-ton rated capacity, 10-ton cable hoist, name of the hoist is Robbins & Myers, pendant control, no remotes, single speed, approximately 25' under the hook, older unit, has walk bridge behind the one girder, appears to be in fair to good condition overall.
Welding area, west Bay	39	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, approximately 80' span, rated at 20-ton capacity, double girder, top rail run, with modified V girder design, top rail run cable hoist, there are (2) of these 10-ton each, pendant control, no remotes, single speed, walk bridge behind one of the girders, older unit, operates on a daily basis.
Welding area, west Bay	40	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, approximately 80' span, rated at 20-ton capacity, double girder, top rail run, with modified V girder design, top rail run cable hoist, there are (2) of these 10-ton each, pendant control, no remotes, single speed, walk bridge behind one of the girders, older unit, operates on a daily basis.
Welding Bay	41	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, rated at 5-ton capacity, has Acco Wright Way cable hoist that is a top rail run 3-ton capacity, pendant control, no remotes, single speed, the bridge is rated at 5-ton, 30' span, good eye appeal, appears to be in good condition.
Welder Bay	42	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, 5-ton rated capacity with single hoist that is top rail run cable hoist, Acco Wright Way, pendant control, no remotes, single speed.
Welder Bay	43	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, 5-ton rated capacity with single hoist that is top rail run cable hoist, Acco Wright Way, pendant control, no remotes, single speed.
Welding Bay	44	Unknown	Unknown	Crane	Unknown	Unknown	Job crane, floor mount 180° swing, shop built, made of I-beam and H-beam, 2-ton rated capacity with 2-ton claw beam chain hoist, they range from 13' to 15' arms and approximately 13' under the arm, would be easy to remove.
Welding Bay	45	Unknown	Unknown	Crane	Unknown	Unknown	Job crane, floor to post mount, 180° swing, 13' - 15' arm, 13' under the arm, easy to remove, no hoist.

11/19/2012

Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Layout Area	46	3	Unknown	Unknown	Crane	Unknown	Unknown	Jib crane, floor to post mount, 180° swing, 13' - 15' arm, 13' under the arm, equipped with Coffing chain hoists
Layout Area, west side of building.	47	4	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, shop built of I-beam, does not include the raceway, rated at 2-ton capacity, the bridge span is approximately 20' equipped with Coffing 2-ton chain hoists, the chain hoists have pendant up and down with manual propulsion to pull the bridge, no raceway, one of these (4) does have a power trolley.
Layout Area over layout and paint, 1.	48	1	Unknown	Unknown	Crane	Unknown	Unknown	Total of (4): Bridge crane, (3) 6-ton, (1) 3-ton, 30' span, double girder, top rail run, with top rail run cable hoist, pendant control, no remote, single speed, old unit, function as needed.
Maintenance	49	1	Unknown	Unknown	Crane	Unknown	Unknown	Jib crane, floor to post mount, 180° swing, custom built by Eagle Iron, 2-ton Coffing chain hoist, 12' arm, 10' under the beam, appears to be in good condition, older unit.
Machine Shop	50	7	Unknown	Unknown	Crane	Unknown	Unknown	Jib crane, over the gantry mill bay, floor to post mount, 180° swing, approximately 13' - 15' arm, 13' under the arm, all have 2-ton hoists except for one, the name brand of the hoists are all Coffing, would be easy to remove.
Machine Shop	51	1	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, double girder, top rail run, with top rail run cable hoist, Acco Wright Way, 7-1/2 ton capacity, the bridge is 7-1/2 ton capacity, pendant control, no remote, single speed, older unit but appears to be in good condition, span is approximately 48'
Machine Shop	52	7	Unknown	Unknown	Crane	Unknown	Unknown	Jib crane, these are floor to post mount, 180° swing, they have approximately 10' - 15' arms, approximately 9' under the arms, 2-ton chain hoists, name brand Coffing, older units, function on a routine basis.
Machine Shop	53	1	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, 1-ton, single girder, I-beam is approximately 12' long, has 1-ton Coffing chain hoist, manual propulsion of the bridge, is near the Blanchard surface grinder, old unit, is quite dirty, functions on a routine basis.
Machine Shop	54	1	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, single girder, I-beam, under slung, manual propulsion, approximately 22' in length with (2) Coffing 2-ton chain hoists, one is #08-145.
Machine Shop	55	1	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, 2-ton capacity, single girder, the beam is approximately 18' in length, Coffing 2-ton chain hoist, #02-8, old unit
Foundry	56	1	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, 5-ton rated capacity, single girder, top rail run, located in the cut-off bay, has a P & H cable hoist that is 5 ton that is top rail run, has 22' span, pendant control, old unit, functions on a routine basis, it appears the hoist has been reconditioned recently.
Foundry	57	1	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane, includes a Coffing 2-ton chain hoist, single girder bridge, the bridge is under slung, this in the center cut-off area of the foundry, the span is 16', appears to be in fair condition.
Foundry	58	2	Unknown	Unknown	Crane	Unknown	Unknown	Bridge cranes, 7-1/2 ton capacity each, in the foundry, double girder with single cable hoist, approximately 45' span, pendant control, the hoists function on a routine basis, approximate vintage 1940s.
Chip Grinding Area	59	4	Unknown	Unknown	Crane	Unknown	Unknown	Bridge crane (4) bridges that are 2-ton each, 26' span, single girder, under slung with 2-ton Coffing chain hoists, one bridge has (2) hoists, light duty, the chain hoists have pendant control, manual travel
Machine Shop	60	1	1958	Archdale	Drill	Unknown	RD12667	Radial arm drill, 220/440 volt, 3-phase, 15' column, 4' arm, power down feed, spindle feeds are 15 - 1,500, power elevation, power lock, the column shows minimal scoring, equipped with a non-box table, the table was custom built by Eagle Iron for their special application, old machine, functions as needed, also includes a left hand radial arm base from another drill and a tilting angle box table, this sets to the side to allow multiple fixturing.
Machine Shop	61	1	1969	Carlton	Drill	3A	3A5569	Radial arm drill, 6' arm, 15' column, power elevation, extended column, power lock, the column does not show scoring, power down feed, has 12 - 1,200 RPM, custom built table, equipped with an L-shaped base, the left hand base does have the standard box table, the drill functions on a routine basis, has good eye appeal, appears to be in good condition, the feathering is quite apparent on the arm ways, has coolant, rapid traverse, rapid elevation.
Office	62	1	Unknown	Challenger	Drill	Unknown	36566	Paper drill, single spindle, Steve JF.
Machine Shop	63	1	Unknown	Milwaukee	Drill	Unknown	858A194310162	Magnetic drill, Catalog Number 4203, 120 volt, has the Milwaukee drill motor Catalog Number 4252-1, 120 volt, single phase, S/N 502A195152619, recently been repaired, appears to be in good condition.
Machine Shop	64	1	Unknown	NADCO	Drill	Unknown	D6-342	Multi-spindle drill, 440 volt, 3-phase, currently has 30 spindles, 3/4" uppers, the table is 16" x 30" old unit, has open face motor, power down feed with timer, functions on an "as needed" basis, is dedicated for drilling a particular part of a particular drill jig.
Machine Shop	65	1	Unknown	Baker	Drill Press	314	Unknown	Gearhead drill press, 14" throat, power down feed, T-slotted table, 18" x 24", the gear box seals did leak, the oil drained out, it currently does have oil in the gear box, appears to be in fair to poor condition with poor eye appeal, estimated vintage 1930s.
Machine Shop	66	1	Unknown	Rockwell	Drill Press	15-069	17672-62	Manual type, step pulley head, floor model, 8" throat, 10" x 10" table, 115/230 volt, 1/2 hp, single phase, older unit, fair eye appeal, appears to be in fair condition.
Machine Shop	67	1	Unknown	Sunex	Drill Press	NVR5000A	Unknown	16-speed, type floor model drill press, capacity 16 mm, Morris taper number 2, 3/4 hp, step pulley head, 10" round diameter table, 7-1/2" throat, light duty, appears to be in fair condition.
Machine Shop	68	1	Unknown	Walker Turner	Drill Press	12-1181	2072646	Floor drill press, step pulley head, 7-1/2" throat, 10" x 12" table, 3/4 hp, 115 volt, old unit, appears to be in good condition.
Machine Shop	69	1	Unknown	Walker Turner	Drill Press	Unknown	2-1143	Step pulley head, manual down feed, 10" throat, table is approximately 13" x 18" with holes drilled into it, appears to be in fair to poor condition, 1 hp, single phase motor, 115/230 volt, functions on a routine basis but is very old.
Machine Shop	70	1	Unknown	Wilton	Drill Press	5816	Unknown	Step pulley head, the variable speed indicator is gone, manual type down feed, 7-1/2" throat, 12" x 13" table, 115 volt, old unit, appears to be in fair condition with fair eye appeal.
Machine Shop	71	1	Unknown	Wilton	Drill Press	VSG20	133170	Additional model 2025, variable speed, 10" throat, 15" x 24" T-slotted table, it does have a drill hole, 2 hp, 208/230/460 volt, 3-phase, very good eye appeal, appears to be in very good condition.
Foundry	72	1	Unknown	Shop Built	Dumpster	Unknown	Unknown	Preheat dumpster, shop built by Eagle Iron, this is designed to take the recyclable metal and have it preheated before it is put into the furnaces, this is 8' made of heavy gauge steel, single hydraulic ram, approximately 6' tall with 4-1/2" stroke, has 6 natural gas burners which preheat the metal before it is recycled, custom built designed specifically for this company's needs.
Foundry	73	1	Unknown	Unknown	Dust Collection	Unknown	Unknown	Dust collection system, draws air from the foundry area, consists of a mild steel tank which would be approximately 3,000 liquid gallons, due to its location it has no orderly liquidation value, it does have value in place, approximately 75 years old.

TRADE MARK  
REEL: 004956 FRAME: 0493

11/19/2012

Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Welding	74	1	Unknown	Tech Co.	Extractor	M26	M26XXV-60-01006	Portable exhaust extractor, mounted on 4 casters, uses (8) filter bags, has adjustable positioning exhaust tube, 115 volt, this unit is questioned if it is in operation, this was not rebuilt after the flood, this is not operational
Pattern Storage Room off from the foundry	75	1	Unknown	British	Flasks	Unknown	Unknown	These are for the British molder, (10) sets of 40" x 60" of various heights 16" and 14"
Pattern Storage Room off from the foundry	76	1	Unknown	Osborn	Flasks	Unknown	Unknown	These work with the Osborn molders, there are 60 sets of 30" x 40", 60 sets of 30" x 30", (15) sets new 30" x 30", (3) sets new 30" x 40"
Pattern Storage Room off from the foundry	77	1	Unknown	Unknown	Flasks	Unknown	Unknown	Floor mold flasks, approximately (250), vary in size from 27" x 27" up to one which is 5' x 8', most are 35" x 35", they vary in age, various conditions, they are kept since the company's orders can vary, if there is an order for an old part they would be able to produce it
Foundry	78	1	Unknown	Big Joe	Forklift	PDCB120-122	52863	Walk behind, 2,000 pound capacity, located in the shell core department, old unit, 36 volt, fair to poor eye appeal, the battery is showing excessive acid corrosion, includes the battery charger, operates on a routine basis
Shipping/Receiving	79	1	Unknown	DT Prime Mover	Forklift	SC30	SC300230642	Walk behind, 3,000 pounds capacity, 100" mast height, electric type, 24 volt, 42" forks, basic unit, has good eye appeal, appears to be in good condition
Maintenance Department across the street	80	1	Unknown	Hyster	Forklift	H60XL	A177B12499E	6,600 pounds rated capacity, 6,678 hours on the meter, which is not the actual hours on the unit, LP, FOPS, outdoor type, double stage, no side shift, 48" forks, solid rubber wheels size 7.00-15 on the front, rear wheels 6.00-9, yellow in color, paint scratches throughout, older unit, appears to be in fair condition, fair eye appeal
Layout Department	81	1	Unknown	Hyster	Forklift	S30XL	8010B1986E	130" mast height, rated at 3,900 pound capacity, manual transmission, indoor type, double stage, non free lift, no side shift, FOPS, LP fuel, 1,948 hours on the meter, which is not the actual hours on the unit, the paint has been scratched off in most areas, has fair to poor eye appeal, appears to be in fair condition, operates on a routine basis
Shipping/Receiving	82	1	Unknown	Komatsu	Forklift	FG25S11	403356	4,660 pounds rated capacity, a double stage 132" mast height, no side shift, 42" forks, hard rubber wheels, indoor type, FOPS, LP fuel, automatic transmission, 2,904 hours on the meter, wheel size 21X7X15, rear wheel 16-1/4X5X11-1/4, the paint has come off most of this unit, has fair eye appeal, appears to be in fair condition
Machine Shop	83	1	Unknown	Komatsu	Forklift	FG25S11	403357	indoor type, 4,660 pounds capacity, 128" mast height, automatic transmission, double stage mast, free lift, LP fuel, FOPS, the wheel size is hard rubber 21X7X15, the rears are 6-1/2X5X11-1/4, the paint has been worn off throughout most of the unit, it has poor eye appeal, appears to be in fair condition overall, 8,961 hours on the meter, has limited hours of use remaining in the machine
Shipping/Receiving, cold storage unit	84	1	Unknown	Toyota	Forklift	7FBEU20	10906	Electric type, 3 wheel, the mast is an FSV, 36 volt, 1,100 amps per hour, front wheels are 18X7X12 by 1/8, they are solid rubber, the rears are 15X5X11.1-1/4 solid, 189" mast height, 3,750 pounds rated capacity, FOPS, triple stage with side shift, 16,958 hours on the meter, has good eye appeal, appears to be in good condition
Maintenance Department across the street	85	1	Unknown	Toyota	Forklift	7FGU25	65506	Mast is FSV with side shift, 3,750 pounds rated capacity, 189" mast height which is triple stage, free lift, 42" forks, outdoor type with pneumatic tires, tire size 7.00-12, rear tires are 6.00-9, LP fuel, FOPS, 6,632 hours on the meter, the seat is torn, the paint is scratched in areas, overall has good eye appeal, functions on a routine basis
Pattern Storage Room off from the foundry	86	1	2001	Toyota	Forklift	7FGU25	66083	Mast is FSV with side shift, the front tires are 7.00X12 the rear tires are 6.00X9, 4,800 pound rated capacity, 189" mast height, FOPS, LP fuel, 1,367 hours on the meter, automatic transmission, triple stage, free lift, side shift, 42" fork, operates within the foundry, the sheet metal is dented on the engine cover, original paint and decal, appears to be in fair to good condition overall
Chip Grinding Area	87	1	Unknown	Toyota	Forklift	7FGU25	69176	Mast FSV, front tire size 7.00-12, pneumatic, outdoor type, rear tires are 6.90-9, 189" mast height, rated 3,700 pound capacity, FOPS, automatic transmission, LP fuel, triple stage, free lift, 12,358 hours on the meter, special design wheel covering, designed for this environment, good eye appeal, appears to be in good condition
Plant	88	1	Unknown	Toyota	Forklift	8FGU30	11358	Outdoor type, mast is an FSV, 187" mast height, 6,000 pound rated capacity, 8,022 hours on the meter, FOPS, LP fuel, automatic transmission, triple stage with side shift, tires are 225/75R15 pneumatic, rear tires 6.50-10 pneumatic, original paint and decal, good eye appeal, appears to be in good condition, this is dual fuel, LP and gasoline
Foundry	89	1	Unknown	Brown Boveri	Furnace	Unknown	Unknown	Induction furnace, 18,000 pound crucibles, one of the furnaces is in the process of being refired, these have hydraulic lift, one furnace is in use on a daily basis, we witnessed it being used, free standing control panel with temperature controllers, power indicators, forge indicators, older unit, unable to locate the ID tag, these furnaces were installed between 1973 and 1974, 22,000 KW furnaces, 18,000 pound capacity each, the first is being used now, the other furnace was refired in June 2012, placed box in June 2012, the entire system functions on a daily basis, receives regular maintenance as needed, these furnaces are the start process to make of hard material, this makes this an unusual furnace system and foundry process, one control is used for both furnaces, consists of step down transformers, 3 phase and single phase, single phase 60 hertz, 13.2 KZ, secondary voltage 480/3 phase/60 hertz
Foundry	90	1	Unknown	Unknown	Furnace	Unknown	Unknown	Elevated drop bottom furnace up-acting floor design, mounted above the ground approximately 10', has a hydraulic ram which is mounted sub-ground into a pit, the product is loaded into the base of the oven then raised up to the oven, (4) natural gas burners, the exterior dimensions are 7' x 12' x 7', the hydraulic ram has approximately 9' stroke, the ram has severe scoring at the base of the floor, important to note the pit which contains the framework for the cylinder has approximately 1,000 gallons of oil, if this unit was to be removed there would be a significant expense in extracting the hydraulic oil and having it correctly processed, this unit also has Honeywell controls, (2) P-LC temperature controllers and a dial graph readout, this unit consists of a rail car design to insert and extract the product, the interior dimension is approximately 12' x 6' x 6' height, the refractory appears to be in good condition, this oven is used on a regular basis, 2,000+ capacity

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Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Assembly Bay	91	1	Unknown	Unknown	General Support	Unknown	Unknown	(2) oxygen acetylene torch units, a quantity of chain slings, nylon straps, cam lever sheet lifters, general lifting devices used with the bridge cranes most all of these are tagged, banding tool, (2) bench grinders, bench vises, work benches, portable ladder, general support merchandise in this bay.
Welding	92	1	Unknown	Unknown	General Support	Unknown	Unknown	Miscellaneous support found in the welding area, this includes: welding tables, work benches, storage racks, welding clamps, vise grips, R-clamps, sledge hammers, pneumatic grinders, cam lock sheet lifters, related support merchandise for the welding zone, tool boxes, tool chests.
Maintenance	93	1	Unknown	Unknown	General Support	Unknown	Unknown	Includes various hand tools, pipe wrenches, combination wrenches, impact wrenches, socket sets, hammers, vise grips, Allen wrenches, levels, squares, pneumatic tools, jacks, steel lifters, general support for the maintenance department.
Machine Shop	94	1	Unknown	Unknown	General Support	Unknown	Unknown	General support merchandise found in the machine shop area, includes tables, work benches, carts, perishable tooling, machine tool accessories, tool holders, manual tools, hold-downs, cutting tools, angle blocks, hold-down bolts, attachments, angle plates, machinist vises, general support found in a machine shop.
Maintenance Department across the street	95	1	Unknown	Unknown	General Support	Unknown	Unknown	General lifting, in the maintenance shop across the street there is a quantity of support tools including 10-ton floor jacks, hydraulic scissor lift table, tire changer, pneumatic greaser, flammable cabinets, parts washer, arbor press, work bench with vise, drill press, work table, assorted hand tools, vise grips, manual tools, general equipment found in the maintenance department.
Pattern Shop	96	1	Unknown	Unknown	General Support	Unknown	Unknown	A variety of general support items used in a pattern shop, (4) cast iron layout tables that are 38" x 57" and 1" thick, a quantity of hand tools, there is a significant quantity of precision instruments, hold down sets, clamps, perishable tooling, tool holders, assorted work cabinets, bar clamps, squeeze clamps, C-clamps, pneumatic nailer, storage rack for lumber, flammable storage cabinet, general support for the pattern shop.
Engineering Room	97	1	Unknown	Unknown	General Support	Unknown	Unknown	Contents of the engineering room including (11) wooden drafting tables of the old style, (50) blue print cabinets, metal type, 4-drawer and 5-drawer filing cabinets, chairs, work desks, bookcases, (18) 3-drawer steel case file cabinets, storage cabinets.
Machine Shop	98	1	1968	Blanchard	Grinder	22X	12716	Rotary surface grinder, 42" magnetic chuck with approximately 368" chuck remaining, 22" segmented chuck, the vertical travel is 18", filler base, 440 volt, 3-phase, coolant, appears to be in good condition.
Chip Grinding Area	99	1	1993	Cincinnati	Grinder	300	250096	Snap grinder, Type 922-530, 480 volt, 3-phase, 1,800 RPM motor, 2" x 32" grinding wheel, manual spindle adjustment, used in the grinding of castings.
Chip Grinding Area	100	1	1993	Cincinnati	Grinder	300	250097	Snap grinder, Type 925-530 wheel size 30", spindle speed 1,590, 1600 RPM motor, 480 volt, 3-phase, used in the grinder department, has an adjustable spindle.
Chip Grinding Area	101	1	1993	Cincinnati	Grinder	SPL	250098	belt grinder, Type 108-PFG-Y, 1,700 RPM, wheel size 8" x 72", 10 hp, 3-phase, 460 volt, appears to be in good condition, stays in the grinding department.
Machine Shop	102	1	Unknown	Hammond	Grinder	D6	13504	Carbide tool grinder, 1/2 hp, 110 volt, single phase, old unit.
Machine Shop	103	1	Unknown	Oliver Adrian	Grinder	Ace	ACE927	Tool and cutter grinder, ram type with approximately 10" of outward travel, table size 15" x 15", old unit, functions on an "as needed" basis.
Machine Shop	104	1	Unknown	Porter Cable	Grinder	Unknown	3258	Welding belt grinder, type AG8, 8" belt, adjustable tensioner, 220/440 volt motor, 5 hp, 3-phase, does have a coolant pump except that it has not been used for many years, basic unit.
Chip Grinding Area	105	1	Unknown	Powermatic	Grinder	Unknown	F68	Double spindle grinder, Catalog Number 2100-25, 2 hp, 208/220/440 volt, 3-phase, push button control, 2" x 12" wheel, old unit, in the grinding department, does not function.
Chip Grinding Area	106	35	Unknown	Unknown	Grinder	Unknown	Unknown	Pneumatic, heavy duty chip grinders, 9" capacity, used in the grinding department.
Paint Department	107	2	Unknown	Graco	Gun	Unknown	Unknown	Paint guns, dedicated to single colors, attached to certain Graco pumps, wide nozzles, appear to be in fair condition.
Welding	108	1	Unknown	Nelson	Gun	Series 1000, model 100	STG9326	Stud gun with leads, this unit is rated to weld 5/8 stud, currently this unit is in poor condition, is occasionally used
Machine Shop	109	1	1980	Gould & Eberhardt	Hobber	36H	GE80073	Gear hobber, 1-thread index worm, 72 teeth and index worm gear, 24" with differential, 24" diameter chuck, capacity to hob a 20" diameter work piece, coolant power travel column, Crown hob capacity, hob sifl, return clamp, old unit, for its age it functions on a routine basis, continuously operates within tolerances.
Machine Shop	110	1	1971	Gould & Eberhardt	Hobber	36H	80554	Gear hobber, 32" diameter chuck, 36" maximum diameter work piece, hob sifl, hob unclamp, conveyor sifl, coolant pump, traveling column, overall for its age it appears to be in good condition.
Painting/Receiving	111	1	Unknown	Aro	Hoist	Unknown	Unknown	Pneumatic hoist, located in the shell core department, 500 pound capacity, old unit.
Shipping/Receiving	112	1	Unknown	Budget	Hoist	Unknown	Unknown	Pneumatic chain hoist, 1-ton, mounted on a 1-ton I-beam.
Shipping/Receiving	113	1	Unknown	CM Lodestar	Hoist	Unknown	Unknown	Chain hoist, 1-ton capacity, with dolly, appears to be near new.
Maintenance	114	1	Unknown	Coffing	Hoist	Unknown	Unknown	(3) 2-ton chain hoists in the maintenance storage room, these are used as reserve units, functional but not under power, one of them has number of 06-466.
Maintenance Department across the street	115	1	Unknown	Coffing	Hoist	Unknown	Unknown	2-ton chain hoist, with dolly.
Painting/Receiving	116	1	Unknown	Coffing	Hoist	Unknown	Unknown	2-ton chain hoist, located next to the sand mueller up in the super structure, includes a crane forklift, fork mast designed to work with the chain hoist.
Painting/Receiving	117	35	Unknown	Unknown	Hoppers	Unknown	Unknown	Forklift hoppers, approximately (35) throughout the entire plant, range from 1/2-yard to 1-yard capacity, in various conditions.
Painting/Receiving	118	1	1978	Paddinghaus	Ironworker	210 Super 20	4.40E+12	Mechanical type, can shear 90° angle 6" x 9/16", 45° angle at 4" x 7/16", 90° 1 6" x 1/2", can shear a 2" square and 2-3/16" round, can shear a 10" x 9/16" or 6" x 7/8", can shear channel of 6" x 5/8", has 105 short ton capacity, can punch a 1" hole in 1" plate, the throat is 18", about a 20" throat capacity, includes a quantity of punch sets, this machine is used on a regular basis, has good eye appeal, appears to be in good condition.
Painting/Receiving	119	1	Unknown	Calepillar	Jack	Unknown	Unknown	Pallet jack, 5,500 pound capacity, 48" forks, this is located on the 2nd level near the molding hoppers.
Shipping/Receiving	120	1	Unknown	Unknown	Jack	Unknown	Unknown	Pallet jack, 48" fork, 5,000 pound capacity.
Pattern Shop	121	1	1956	Oliver	Jointer	12-800	87214	20" x 4-knife cutter head, table is 22" x 106", has very good eye appeal, appears to be in very good condition, has an open casing motor with an adjustable fence.

TRADEMARK



11/19/2012

Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Department across	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Maintenance	Machine Shop	122	1	Unknown	Unknown	Kettle	Unknown	Unknown	Tar kettle, no ID tag, used to repair the roof, L.P. fuel, has approximately 500 pound capacity, has good eye appeal considering what most tar units look like.
Machine Shop	Machine Shop	123	1	Unknown	Mills & Merrill	Keystester	\$	C4006 12-42	Gearbox drive, approximately 17" stroke, mechanical type, old unit, functions on a routine basis, has 20 hp motor, 220/440 volt, 3-phase, fair eye appeal, appears to be in fair condition.
Machine Shop	Machine Shop	124	1	1958	Morrison	Keystester	Unknown	K381118	Mechanical type, basic unit, no options, functions as is, has an assortment of broach keys, does not have an assortment of broach bars, push, button controls.
Foundry	Foundry	125	3	Unknown	Unknown	Ladle	Unknown	Unknown	5,000 pounds, need refurbishing.
Foundry	Foundry	126	2	Unknown	Unknown	Ladle	Unknown	Unknown	4,000 pounds.
Layout	Layout	127	2	Unknown	Unknown	Ladle	Unknown	Unknown	Laser cutter, CNC, Fanuc laser C-6000i model B control, 3,580 hours processing time, approximately 7,525 hours on the resonator, rack and pinion drive machine, the cutting table is a dry table, the table is a 12' width x 40' length, Fanuc Series 16i LB non-touch screen control, this is a 3-axis controlled machine, this unit has processed 16 gauge material at 120' per minute, 172" material at 40' per minute, the machine was purchased brand new, and appears to be in very good condition, this machine has capacity to travel up to 75' in length, currently it does not have enough rack to travel the distance, the company has received a quote of \$5,000 to add the rack to increase the capacity, this also includes a chiller Orion made in China, inverter chiller model RKE1200A-VTA, PLC is fully programmable and is incorporated into the computer control system of the laser, in the event this machine needs to be relocated due to flooding the company does have a strategy and plan to quickly move the machine, also the system includes a transformer that is made by Acme Transformer, primary volts 480 delta, secondary volts 240-120/777 delta, Style C, motor enclosure, this is a CO2 type laser, the gas that is currently being used is a secondary volts 240-120/777 delta.
Machine Shop	Machine Shop	129	1	1945	American Pace Makers	Lathe	Unknown	684-19-45	Engine lathe, 17" - 1,000 RPM range, 15" 3-jaw chuck, taper attachment, P.C.F., P.L.F., thread dial, quick change gears, English thread, 1-7/8 spindle bore, old machine, ways are scored, significant backlash in the carriage, appears to be used just for roughing, old unit, fair eye appeal, appears to be in fair condition, 16" swing, 54" C to C, 4-jaw chuck.
Welding	Welding	130	1	Unknown	Bradford Machine	Lathe	Unknown	Unknown	48" combination chuck, 31" C to C, power carriage has been modified with a gear reduction motor for traveling, also been modified with a Delta Way frequency controller model VFD-B, 3.7 - 98 RPM, quick change gears, does not have a spindle hole, this unit is currently being used for spot heating and drawing on large pipe and tube, it does perform limited turning machining at the end of the product, the ways are severely scored, its flattened box ways, approximate vintage of 1930s, does not have accuracy sufficient for threading or turning over a long length, old machine, was submerged under the flood yet it has been in operation.
Machine Shop	Machine Shop	131	1	1984	Bullard	Lathe	Dynatro	33777	Vertical turret lathe, 64" combination chuck, side head turret, standard ram, power in all directions, pendant control, this unit was purchased new and appears to be in very good condition.
Machine Shop	Machine Shop	132	1	1942	Bullard	Lathe	Spiral Drive	19967	Vertical turret lathe, 54" 4-jaw combination chuck with side turret, 5-position vertical turret, belt drive, old unit, functions on a regular basis, appears to be in fair condition.
Machine Shop	Machine Shop	133	1	1995	Clausing Concheater	Lathe	Mastiff GH	MF000100004	Geared head lathe, 230 volt, 3-phase, quick change gear, RPM range of 18 - 1,400, English and metric thread, gap bed, 23" swing over the bed, 27" swing in the gap, 15" swing on the carriage, 64" C to C, P.L.F., P.C.F., thread dial, joystick control for the carriage, V ways, no laser attachment, the ways show minor scoring, 12" 3-jaw chuck, Sony 2-axis programmable digital readout, 3-7/16 spindle bore, chip pan, chip guard, steady rest, 18" 4-jaw chuck, machine was purchased new, fair to good eye appeal, appears to be in fair to good condition.
Machine Shop	Machine Shop	134	1	2008	Mazak	Lathe	Quick Turn Nexus 450-2M	199748	CNC lathe, 8" Kilgawa 3 jaw chuck, tool probe, does not have a programmable tail stock, 12-position turret with five tooling each position can be live, this has a center distance of 2,000 mm, chuck size 2 1/2", the maximum swing is 33.268", the standing machine diameter is 13.228", the maximum machine diameter is 22.835", bar work capacity 2", maximum work bar capacity 6.496", distance between spindle in and turret-in face is 6.664" - 90.389", maximum support weight for chuck work 3.307 pounds, shaft work 2.923 pounds, spindle speed range 2,000 per minute, spindle bore of 6.635", spindle motor output 40/30 HP, live tooling is CAT 40, middle spindle motor output is 10 hp, milling speed retaining speed 4,000, the tail stock center bore is a built-in center #5, the tail stock travel is 81.693", X-axis is 13.375", rapid traverse is 1.181" per minute, the Z-axis is 83.5", Z-axis rapid traverse 1,181 IPM, 105.7 gallon coolant tank, machine weight 26,180 pounds, was purchased new, has the Mazatrol MainX Nexus Mazak Voice Administrator, non-touch screen, chip conveyor, tool probe, 6,826 hours power on, 2,544 hours auto op, 2,385 hours auto cut, 2,075 hours total cut, was purchased new, appears to be in good condition, has very good eye appeal.
Machine Shop	Machine Shop	135	1	2011	Mazak	Lathe	Quick Turn Smart 200M	227711	CNC lathe, 2-axis CNC lathe with live tooling, 3-positions on a 12-position turret that is setup to handle the live tooling, has tool probe, manual tail stock, equipped with Mazatrol Smart control, chip conveyor, auto lock door, approximately 361 hours of actual on time and cutting time, auto op 80 hours, auto cut 60 hours, total cut 68 hours, name brand of the chuck is Kilgawa, 230 volt, 3-phase, Mazatrol Smart Control non touch screen, chuck size 8", maximum support mass chuck work 440 pounds, shaft work 8.35", maximum machining diameter 14", bar work capacity 2.56", maximum support mass chuck work 440 pounds, shaft work 1.100 pounds, spindle speed range 35-5,000 per minute, shape of spindle end JIS A2.6, bore 3", motor output 11 KW, latistock center bore MT # 5, travel 22.125", turret # of tools 12, feed access rapid traverse XZ 1, 181/1,299 IPM, machine weight 10,360 pounds, purchased new, appears to be in like new condition.
Machine Shop	Machine Shop	136	1	1941	Monarch	Lathe	22" GM	2513	Geared head lathe, 25-1/2" swing, 14 1/4" C to C, geared head lathe, English thread, P.L.F., P.C.F., thread dial, 24" 4-jaw chuck, the ways are scored, this unit does perform face work, thread work and bevel work, even though it is an old machine and shows signs of wear, it performs on a daily basis and is able to hold reasonable tolerances.
Machine Shop	Machine Shop	137	1	Unknown	Oliver	Lathe	20-C	Unknown	Wood lathe, unable to read the S/N a switchbox has been put in front of it, 24" swing, 72" C to C, flat ways, step pulley head, polyphase induction motor, 3 hp, 3-phase, old unit, functions as needed.
Machine Shop	Machine Shop	138	1	1958	Warner & Swasey	Lathe	4A Lot 13M3550	1601379	Turret lathe, saddle type, 24" 3-jaw combination chuck, this unit originally had the hydraulic tracer template for the carriage and cross slide it has been removed, it does not have the threading option or the power saddle option, it is the basic model, has the 6-1/2" spindle bore, overall the machine appears to be in good condition for its age, functions on a routine basis, has the pre-select head
Maintenance	Department across	139	1	Unknown	Toro	Lawn Mower	Wheel Horse 520H	41200E01-12648	Gas power, 48" mowing deck, hydrostatic transmission, 1,374 hours on the meter, appears to be in good condition for its age.



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Location	Sequence Number	Year	Brand name	Type	Model	SN	Description
Maintenance	140	2010	Aichi, Div. of Toyota	Lift	SV3246C	Unknown	Scissor lift, this unit was purchased new, 24 volt section, indoor type, hard rubber wheels, 46" width, maximum 32' height, 40" deck width, deck length of 8' with 4" pull-out section, safety rail, has new appearance, appears to be in good condition
Sheet Steel /Plate Steel Storage Bay Layout	141	1993	Acco	Lifter	3200	93-13-7222-02	Sheet lifter, 1.15 volt, single phase, (3) sets of 2 suction cup each sheet lifter, is designed to lift a 4' x 10' sheet approximately 8,100 pounds, older unit, functions on a routine basis.
	142	Unknown	Acco	Lifter	5600	Unknown	Pneumatic sheet lifter, 460 volt, 3-phase, power unit S/N 93-13-7222-01, the rail S/N 8296-1, the unit weighs 725 pounds, maximum capacity of 3,315 pounds, 8' length, 3 suction pads, used to lift sheet metal and plate steel.
Sheet Steel /Plate Steel Storage Bay	143	Unknown	Acco	Lifter	6000	8271	Lifting device, this unit weighs 9,100 pounds, designed to be used with an overhead bridge crane system, single sided forks designed to pick from a cantilever storage system, 8' maximum width, the forks are 24" in length, the unit weighs more than what the crane can handle once it picks material from the cantilever storage system, this unit has never been used.
Maintenance Department across the street	144	1982	Case	Loader	W14	9147325	Wheel loader, 2,666 hours on the meter which is not the actual hours on the unit, EROPS, GP bucket of 3 yards, the machine is used predominantly for snow removal, the tire size is 16.9-24 with 50% tread, has BOCE that is nearly worn out, also used over in the foundry for moving and loading slag, orange in color, Case diesel power, kingpin section appears to be in normal condition, the pins and bushings on the loader arms show minimal looseness, for its age the sheet metal is straight, has fair to good eye appeal, for its age it appears to be in good condition, it does have some rusting appearing behind the cab.
Maintenance Department across Machine Shop	145	Unknown	Hough	Loader	Unknown	Unknown	Wheel loader, 4WD, converted to LP fuel, GP bucket, approximate vintage 1960, does function yet it appears to be in poor condition.
	146	2008	Awea	Machining Center	SP3016	81521	CNC gantry machining center, Fanuc Series 18i-MB control, this has a 60 tool changer which is mounted behind the frame, carousel type, chip conveyor, cool pump, high pressure cutting fluid pump, 8,383 hours power on, 2,131 hours run time, X-axis 120.5", Y-axis 63", Z-axis 30", distance from spindle to table 9.4-39.4", distance between columns 66.9", table size in X direction 128.3", in Y direction 59", table load capacity 22,000 pounds, spindle motor 30/35 HP, spindle speed 2 steps geared spindle 10-6,000 RPM, spindle taper BT # 50, rapid traverse rate X-axes 787.4" per minute, Y-axes 787.4" per minute, Z axis 383.7" per minute, machine weight 59,500 pounds, was purchase new.
Machine Shop	147	2011	Mazak	Machining Center	Nexus 510C/50-2	224271	Vertical machining center, 208 volt, 3-phase, 21.3/4" x 51" T-slotted table, Cat 50 taper spindle, Mazak Voice Advisor/Mazatrol Maxis Nexus non-touch screen control, chip conveyor, the power on is 1,095 hours, the auto cut is 267 hours, total cut 221 hours, total time is 1,095 hours, 24 tool magazine, side mounted tool automatic tool changer, through spindle coolant and flush coolant, R232 port pendant and USB control, 6,000 RPM spindle, table working area right to left 51.18", back and forth 21.65", X-axis 41.34", Y-axis 20.87", Z-axis 20.08", distance from spindle to top of table 5.91" minimum, 25.98" maximum, distance from center of spindle to front of column 22.68", maximum allowable table load mass 2,640", spindle nose type 7/24 taper, # 40, spindle speed 40-42,000 (electric two steps), rapid traverse rate 1,417.32 IPM, cutting feedrate 0.04-314.95 IPM, table working area right and left 51.18", back and forth 21.65", maximum table load mass 2,640 pounds, distance from bottom of machine to top of table 33.46", ATC tool storage capacity 30, tool shank type MAS BT-40, purchased new, very good eye appeal, appears to be in very good condition.
Machine Shop	148	2008	Mazak	Machining Center	VTC-250B/50	207175	Vertical machining center, traveling column design, weight 24,000 pounds, chip conveyor, Mazatrol 640MN control, 83" x 25" table, 50 spindle taper, 24 tool carousel that is mounted horizontal to the table, table working area right and left 57.48", back and forth 20.08", X-axis 44.09", Y-axis 20.08" plus 9.84 ATC, Z-axis 20.8", distance from spindle nose to top of table 7.09" minimum, 21.17" maximum, distance from center of spindle to front of column 21.85", spindle speed 10,000 RPM, main motor 20 HP, rapid traverse feed rate 1,181.1 RPM, table working area right and left 57.48", back and forth 20.08", maximum table load mass 1,800 pounds, distance from bottom of machine to top of table 29.53", ATC tool magazine tool shank type MAS BT-40, we understand that the ways and ball screws are in good condition, functions on a routine basis.
Layout	149	Unknown	MagneTool	Magnet	8L5000 040593-2	Unknown	Lifting magnet, 5,000 pound capacity, battery type, used on an overhead bridge crane, older unit, the housing has been re-welded, it works near the burn table.
Foundry Pattern Shop	150	Unknown	Unknown	Magnet	Unknown	Unknown	Scrap magnet, 48" diameter, used on a daily basis.
	151	1965	Bridgeport	Mill	J	12BR33596	1 hp, 3-phase, 208/220/380/440 volt, step pulley head, 80 - 2,720 RPM, 9" x 42" T-slotted table with Bridgeport PCF, the ways are scored, does not have the lube system, basic unit, appears to be in good condition, does have a Bridgeport 6" machinist's vise.
Machine Shop	152	1957	Giddings & Lewis	Mill	3501	150-197-57	Horizontal boring mill, table type, 4" spindle, 66" x 98" table, power draw bar, 7.5 - 975 RPM range, approximately 66" vertical travel, the table has approximately 42" outward travel, outboard support, the table has approximately 66" of table travel, has Newall 3-axis programmable digital readout, the motor has been rewound.
Foundry Molding	153	Unknown	Gibson	Mixer	Unknown	Unknown	Cement mixer, appears to be a 1/4 yard capacity, electric type, this has been modified to be used for the company when they add the reline to the furnaces.
	154	1998	Thurco	Mixer	85050A10X1100	28420	Gas mixer, mixture is 0.10% oxygen and argon capacity, 0.7505CFH, outlet pressure 10.50 PSIG, SCOW 141853, supplies gas as argon 100-125 PSIG, oxygen 100-125 PSIG, was new in 1998, 115 volts, appears to be in very good condition.
Foundry	155	Unknown	Beardsley & Piper	Molder	2016 Match-Blowmatic Series	Unknown	Molder, this machine is needing routine maintenance, it is starting to show signs of wear, non PLC, mold handling system, located right after the melting machine that is on the southern line, it could be a BP but we are uncertain, guessing this was installed some time in the early 1980s, has (180) mold capacity, the molds are 16 x 22, the size of the core is 16 x 22, this machine does show signs of wear, it functions on a routine basis, it is progressing to the point where it is going to need some significant maintenance at some point here in the near future.
Foundry	156	Unknown	British	Molder	ML1565 (CT7)	DH6785	This unit was purchased reconditioned, will handle a 40" x 80" flask, (see standing control system, has very good eye appeal, appears to be in very good condition).
Foundry	157	Unknown	Oborn	Molder	722RJW	0811-13814	These were purchased brand new, purchased in November 2011, one swings to the left, one swings to the right, it will process a 30 x 40" flask, has roller lift, new eye appeal, appears to be in new condition, S/N Unit 2) 0811-13914.
Foundry	158	Unknown	Unknown	Monorail System	Unknown	Unknown	This unit runs throughout the foundry, (4) trolleys are in the system, suspended from the ceiling, it would be easy to remove, would have to cut the braces apart to remove it, old system, has been in place for over 75 years.

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Location	Sequence	Unit	Qty	Year	Brand name	Type	Model	SN	Description
Foundry	159		1	Unknown	Beardsey & Piper	Muller	56B	Unknown	Sand mueller, 2-wheels, the interior of the unit appears to be in fair to poor condition. The sheet metal shows wear where we can see right through the drum, 64" diameter, this unit is mounted up in a super structure, would be very difficult to remove. The cost of removal would be worth more than its value. This unit requires sand to be fed on the top side, there is an elevator leg and drop chute which is feeding this mueller, once the sand has been processed it is then discharged down to a conveyor belt. The conveyor belt is approximately 15' width x 25' length, back then travels over to another conveyor which drops it down into a core machine. This listing includes the mueller and the conveyor, the sand feed system will in different listing
Foundry	160		1	1995	Beardsey & Piper	Mueller	75B	75B1066608	Speed mueller, this unit is mounted up into the super structure, mounted above this unit is a sand hopper. In order to get this machine out either the sand hopper would have to be removed or the walls of this section of the building would have to be removed. The wheels were replaced two years ago and the plows appear to be in fair condition, the gear reducer in this unit has been rebuilt, it does have a backup unit in storage, push button control panel, this unit has the capacity of 1,850 pounds.
Foundry	161		2	Unknown	Beardsey & Piper	Mueller	Mulbaro Series	M83141B5707	Hanging type which requires the use of a modified wheelbarrow for the base to contain the part and the sand, the wheels appear to be in good condition, the scraper blade shows wear, this unit is mounted on an upper level, would require a forklift and a significant amount of work to remove, old unit, limited demand.
Welding	162		1	Unknown	Phoenix	Oven	Model 9C, Type 900	Unknown	Dry rod oven, temperature range 100-550°, 2,400 watts, 240/480 volt, also referred to as electrode stabilizing oven, approximately 36" left to right, 33" front to back, has very good eye appeal, appears to be in very good condition overall.
Foundry	163		1	Unknown	Unknown	Oven	BSC4-13	9-0937085905	Dispatch oven, operating temperature 500°, natural gas, a million BTU's per hour, the largest motor amps is 21, control voltage is 120 volt, line voltage of 480, (2) PLC for temperature controller and (1) for process timer, 104" width, 18" length, 80" height, requires the parts to be put on a cart and rolled into the oven, the oven could be removed although it would be quite difficult.
Pattern Shop	164		1	1957	Oliver	Planer	399-D	88874	16" width, 6" height, 4-blade planer head, older unit, appears to be in good condition, 208/220 3-phase.
Layout	165		1	Unknown	Thermal Dynamics	Plasma Cutter	PacMaster 75XL	Unknown	Unable to read ID tag, 75 amp, with torch, appears to be in original condition, operates on a routine basis.
Machine Shop	166		1	Unknown	Unknown	Plate	Unknown	Unknown	Granite surface plate, 2 x 3 with no wedge, with steel base, do not know if this is certified, appears to be in fair condition.
Machine Shop	167		2	Unknown	Unknown	Plates	Unknown	Unknown	Angle plates, T-slotted, work with the boring mill, 24" x 45", they appear to be in good condition.
Engineering Room	168		1	Unknown	Hewlett Packard	Plotter	Design Jet, 755CM	Unknown	4 color plotter, this unit is in storage, not in operation.
Engineering Room	169		1	Unknown	Hewlett Packard	Plotter	Design Jet, 800 PS	Unknown	Color plotter, has separate ink cartridges, 44" width, purchased three years ago as new.
Engineering Room	170		1	1985	Aronson	Positioner	HD60A	85641	Welding positioner, 6,000 pounds maximum capacity, maximum load torque is 72,000 pounds in rotation and 123,000 pounds in tilt, power tilt, power rotation, 48" square welding face with T-slots, equipped with the Aronson variable speed rotation control and variable speed tilt control, also has been set up with a pendant push button control, original paint and decal, has very good eye appeal, the welding face has not been damaged, appears to be in very good condition.
Maintenance	171		1	2009	Lincoln	Power Supply	255XT Power Mig	U1090302228	Wire welder, self contained, K2701-1, Code 11519, single phase, 208/230 volt, 250 amp, 100% DC at 145 amp, 250 amp at 40% DC, mounted on 4-caster cart, LED readouts for voltage and wire speed indicator, also has the options for the spot timer run-in liner, and burn back control, appears to be in good condition overall.
Welding	172		1	1999	Lincoln	Power Supply	DC400	U1990108311	Code 9847MSP, 3-phase, 230/460 volt, 100% DC with maximum of 400 amps at 100% DC, 500 amps at 50% DC, has multiprocess switch, includes the Lincoln LN-10 wire feeder with wire speed control and voltage control, equipped with 2-wheel wire feeder and wire feed gun, mounted on a shop made base, used on a regular basis, has fair eye appeal, appears to be in fair condition overall.
Welding	173		1	1988	Lincoln	Power Supply	DC400	AC-669792	Code 9200A, 3-phase, 230/460 volt, 100% DC, mode switch, stick and tig control, Lincoln LN-9 Squirt wire feeder, LED readout, SN 145924, old unit, fair eye appeal, appears to be in fair condition, used on a daily basis.
Welding	174		1	1995	Lincoln	Power Supply	DC400	U1960102557	Code 9847MSP, 230/460 volt, 3-phase, 500 amp at 50%, 400 amp at 100%, equipped to provide power for mig, tig and arc, is currently equipped with Lincoln wire feeder LN-9, 2-wheel, with voltage and wire speed control, LED readout, fair eye appeal, appears to be in fair condition, operates on a daily basis.
Welding	175		1	1999	Lincoln	Power Supply	DC400	U1990108316	Code 9847MSP, 230/460 volt, 3-phase, 100% DC at 400 amps, 50% DC at 500 amps, arc control, output terminals, output control, multiprocessor switch, is currently using a Lincoln LN-10 wire feeder with voltage and wire speed control, programmable 2-wheel with wire gun, has good eye appeal, functions on a daily basis.
Welding	176		1	1999	Lincoln	Power Supply	DC400	U199010832	Code 9847MSP, 230/460 volt, 3-phase, 50% at 500 amps, 100% at 400 amp, output terminals, output control, arc control, mode switch, equipped with Lincoln multiprocessor switch, includes Lincoln LN-10 wire feeder, 2-wheel with wire speed and voltage amperage programmable, good eye appeal, functions on a routine basis.
Welding	177		1	1999	Lincoln	Power Supply	DC400	U1990108317	Code 9847MSP, 230/460 volt, 3-phase, 100% at 400 amp, 50% at 500 amp, capable of supplying arc, tig and mig, 3-phase, remote switch, arc force control, output terminals, output control, equipped with the Lincoln dual processor switch, also includes a Lincoln LN-10 wire feeder, 2-wheel with LED read out for voltage and wire speed, programmable, Tweco gun, this unit is not mounted on a base, functions as needed.
Welding	178		1	1993	Lincoln	Power Supply	DC600	U1930702312	Code 9773M, 230/460 volt, 3-phase, 100% DC, maximum OC voltage is 72, CV submerged arc gun, CV stick, CV liner shield, dual processor kit with dual LN-9 wire feeders, one is equipped with a submerged arc gun, flux core tank, old unit, functions on a routine basis.
Welding	179		1	1986	Lincoln	Power Supply	Idealarc DC400	AC62166	Code 8749-LIM, 100% DC, 230/460 volt, 3-phase, 400 amp, mode switch and arc control, it can be stick or tig, currently setup for arc welding with leads, old unit, fair eye appeal, appears to be in fair condition overall.
Welding	180		1	1986	Lincoln	Power Supply	Idealarc DC400	AC613111	Code 8749-LIM, 230/460 volt, 3-phase, 100% DC, 400 amp, has the mode switch, also has the input switch for stick or tig, also includes a Lincoln LN-9 wire feeder, 2-wheel with LED readout wire speed control, the entire unit has fair eye appeal, appears to be in fair condition overall.

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Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Welding	181	1	1987	Lincoln	Power Supply	Idealarc DC400	AC651023	Code 8749-UM, 230/460 volt, 3-phase, 400 amp, 100% DC, has the stick and tig control, mode switch, output control, includes the Lincoln LN-9 wire feeder, 2-wheel with LED readout wire speed control, this unit is an old unit, has fair eye appeal, functions on a daily basis.
Welding	182	1	1986	Lincoln	Power Supply	Idealarc DC400	AC-613114	Code 8749-UM, 230/460 volt, 3-phase, 100% DC, mode switch, stick and tig control, this unit also includes the Lincoln LN-9 wire feeder with LED readout, wire feed gun, appears to be in fair condition overall, fair eye appeal, used on a daily basis.
Welding	183	4	Unknown	Lincoln	Power Supply	Idealarc DC400	Unknown	These power supplies are not in operation, they are in storage as reserve units. Unit 1) S/N AC669796, Code 9200-M, Unit 2) S/N AC634030, Code 8749-UM, Unit 3) S/N AC631220, Code 8749-UM, Unit 4) S/N AC614085, Code 8749-UM, these are 100% DC, 230/460 volt, 3-phase, have arc control, mode control, stick and tig control, no additional components, strictly used as reserves.
Welding	184	1	1988	Lincoln	Power Supply	Idealarc DC400	A0669943	Code 9200M, 230/460 volt, 3-phase, 100% DC, mode switch, stick and tig control, substantial quantity of welding lead, this unit is in storage, currently is a reserve unit.
Welding	185	1	1987	Lincoln	Power Supply	Idealarc DC400	AC651020	Code 8749-UM, mode switch, stick and tig control, 230/460 volt, 3-phase, 100% DC at 400 amps, includes the Lincoln LN-9 Squirt wire feeder with voltage and wire speed LED, 2-wheel, Tweco gun, old unit, functions as needed.
Maintenance Department across	186	1	1987	Lincoln	Power Supply	Idealarc DC400	AC651022	Code 8749UM, 100% DC, 400 amp, 230/460 volt, 3-phase, mode switch, arc control, stick and tig control, currently setup as an arc welder with leads, includes a Lincoln LN-9 wire feeder.
Welding	187	1	1994	Lincoln	Power Supply	Idealarc DC600	U1941000963	Code 9773M, 230/460 volt, 3-phase, 100% DC, 600 amps DC at 44 volts, has controls for sub-arc and DC stick and CV inner shield, equipped with the Lincoln dual processor kit Code 8029, has the ability to operate (2) wire feeders, equipped with a sub arc unit consisting of the Lincoln LN-9 wire feeder S/N U194080009, 2-wheel, the Lincoln sub-arc 60% DC, 600 amp gun with flux tank, there is not a flux recovery unit, old system, functions on an "as needed" basis.
Welding	188	1	1984	Lincoln	Power Supply	Idealarc DC600	AC568527	Code 8692, submerged arc inner shield, output control remote, 230/460 volt, 3-phase, no wire feeder, this unit is in storage as a reserve unit, we assume it to be functioning.
Welding	189	1	1993	Lincoln	Power Supply	Idealarc DC600	U1930702317	Code 973M, 100% DC, 230/460 volt, 3-phase, has the ability for CV submerged arc CV inner shield, CV stick, remote control, equipped with dual processor, this unit has (2) wire feeders, both are LN-9 with wire speed and voltage control, LED readout, one of these units is equipped with sub-arc, includes the flux core tank and the flux core torch, functions on a daily basis, has fair to good eye appeal.
Welding	190	1	1994	Lincoln	Power Supply	Idealarc DC600	U1941001889	Code 9773M, 230/460 volt, 3-phase, 100% DC, CV submerged arc, CV inner shield, CC stick, equipped with a dual processor kit, includes (2) LN-9 wire feeders with LED readouts for wire speed and voltage control, includes the flux tank and flux core submerged arc gun, old unit, functions as needed.
Welding	191	1	1980	Lincoln	Power Supply	Idealarc TM500	AC491998	Code 8336, 230/460 volt, 3-phase, is currently being used as an arc welder, with leads, old unit, appears to be in fair condition overall.
Welding	192	1	1981	Lincoln	Power Supply	Idealarc TM500/500	AC5037753032H	Code 8605, 230/460 volt, 3-phase, the voltage selector knob has been removed, arc welder with leads, old unit, fair eye appeal, appears to be in fair condition.
Welding	193	1	1983	Lincoln	Power Supply	Idealarc TM500/500	AC567126	Code 8605, 230/460 volt, single phase, 500 amp with leads used as an arc welder, old unit.
Welding	194	1	1974	Lincoln	Power Supply	Idealarc TM500/500	AC325049	Code 6972-CJ, 230/460 volt, single phase, 50% DC 500 amps, used as an arc welder with leads, old unit, appears to be in fair condition overall.
Welding	195	1	1983	Lincoln	Power Supply	Idealarc TM500/500	AC361725	Code 8605, 230/460 volt, 3-phase, 60% DC, used as an arc welder, with leads.
Welding	196	1	1978	Lincoln	Power Supply	Idealarc TM500/500	AC413633	Code 7812, 230/460 volt, 3-phase, arc welder with leads, fair eye appeal, appears to be in fair condition.
Machine Shop	197	1	1976	Lincoln	Power Supply	Idealarc TM500/500	AC413632	Code 7812, 230/460 volt, 3-phase, 60% duty cycle, used with demagnetizer.
Department across	198	1	1976	Lincoln	Power Supply	Idealarc TM500/500	AC413631	Code 7812, 230/460 volt, single phase, with leads, mounted on a 4-caster cart.
Shipping/Assembly Bay	199	1	1982	Lincoln	Power Supply	Idealarc, R3S-325	AC342185	Code 8520-AP, 3-phase, 230/460 volt, 325 amp, maximum 100% DC, basic arc welding power supply, equipped with Lincoln LN-7 Squirt welder wire feeder, 2-wheel with Tweco gun, mounted on a 4-caster cart, old unit, fair eye appeal, appears to be in fair condition overall, functions on an "as needed" basis.
Assembly Bay	200	1	1986	Lincoln	Power Supply	Idealarc, SP200	AC519463	Code 9027, 200 amps, DC, single phase, 460 volt, 23 amps, wire speed control, does not have the spot welder option, equipped with self contained wire feeder mounted on 4-caster cart, old unit, fair eye appeal, appears to be in fair condition, used on a routine basis.
Shipping/Assembly Bay	201	1	1974	Lincoln	Power Supply	Idealarc, TM-500/500	AC325046	Code 6972-CP, 230/460 volt, single phase, 146/73 amps 60% DC, 500 amp maximum, AC/DC power supply with leads currently being used as an arc welder, old unit, fair eye appeal, appears to be in fair condition.
Shipping/Assembly Bay	202	1	1977	Lincoln	Power Supply	Idealarc, TM-500/500	AC411057	Code 7612, 60% DC, 220/440 volt, 3-phase, 500 amp, setup as an arc welder with leads, old unit, has good eye appeal, appears to be in fair condition.
Shipping/Assembly Bay	203	1	1973	Lincoln	Power Supply	R3S400	AC317964	Code 7047M, 100% DC, 230/460 volt, equipped with LN-7 wire feeder, the enclosure has been removed, Tweco gun, old unit, functions as needed.
Shipping/Assembly Bay	204	1	1993	Lincoln	Power Supply	SAE400-F245	AC938781	Portable welder, Code 7798, 60% DC, 115/230 volt generator, gasoline power, old unit, with leads, has fair eye appeal, has a flat head 6-cylinder gas engine, mounted on a shop made portable frame.
Shipping/Assembly Bay	205	1	1984	Miller	Power Supply	330A/BP	JE733014	200/230/460 volt, 3-phase, 110/95/48 amperage, 60% DC, 300 amp, high frequency control, weld amperage adjustment, remote amperage, this power supply can be used for mig, tig or arc, currently is not in operation, appears to be in fair condition, we are uncertain if this unit is in operation.
Maintenance	206	1	1993	Miller	Power Supply	Bobcat 225G	KD424675	Portable welder, 8,000 watt generator, 120/240 volt outlets, 30 amp maximum, 250 amp welding capacity, AC/DC, electric start, gas power, does not have an hour meter, the hours are unknown, with leads, appears to be in good condition.
Layout	207	1	Unknown	Bliss	Press	Unknown	Unknown	Double crank, straight side, mechanical clutch, approximate vintage 1930s, it is locked out for safety reasons by OSHA, considered to have scrap value.
Machine Shop	208	1	Unknown	Rogers	Press	\$100-22-18-10012	1369-H66	H-frame press, 100-ton capacity, adjustable bed, 48" between the uprights, traveling ram, 45" left to right, self contained hydraulics, appears to be in good condition, operates on a regular basis.

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Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Maintenance	209	1	Unknown	Rogers	Press	S80-1	S80-1054	H-frame hydraulic press, maximum ram travel of 13", tonnage capacity of 50 - 80 ton, adjustable bed, 4' x 44" between the housings, self contained hydraulic power pack, older unit, functions as intended, appears to be in good condition.
Layout	210	1	Unknown	Rousselle	Press	4	27775	OBI punch press, 40 ton capacity, 3" stroke, 12" shut height, 105 strokes per minute, flywheel type, air clutch, the machine currently is on safety lockout by order of OSHA, there is not sufficient guarding, palm controls, 6" ram adjustment, push button controls, air brakes, the bed is 16" x 30", original paint and detail. The machine is operational, good eye appeal, appears to be in fair condition overall.
Layout	211	1	Unknown	Shop Built	Press	Unknown	Unknown	Traveling ram hydraulic press, this is a 4-post webbed design, the bed is permanently affixed, the ram frame is vertically adjustable, the tonnage is uncertain, has left to right movement of 10 - 11", the ram has approximately 36" of front to back travel, the diameter of the ram is 8", self contained hydraulic system, this is a very heavy duty, high tonnage machine, very usable for many applications, would be easy to remove, approximate vintage 1950s
Layout	212	1	Unknown	Toledo	Press	960B	Unknown	Straight side press, double gear, double crank, this machine currently is legged not to be used by OSHA, would consider this to be of scrap value
Machine Shop	213	1	Unknown	Unknown	Press	Unknown	Unknown	Wheelon press, possibly could be a Verson, name tag and info are unavailable, is approximately 175 ton, maximum 96" left to right, functions on an "as needed" basis with self contained hydraulics, older unit but appears to be in good condition.
Engineering Room	214	1	Unknown	Oce	Printer	TD5320	Unknown	Large format printer, additional model 01001, 36" width.
Paint Department	215	1	Unknown	Graco	Pump	207089	886	Fluid pump, ratio 28:1, mounted on platform cart, used to pump out of 5-gallon drums, does not have any hoses or guns is strictly a pump, old unit with a lot of overspray, appears to be in fair condition.
Paint Department	216	1	Unknown	Graco	Pump	President Series	Unknown	Paint pump, has air motor part number 207352, 2010, S/N AU15980, Series K10B, 30:1 ratio, part number 223-866, mounted on 4-caster cart.
Paint Department	217	1	Unknown	Graco	Pump	Unknown	Unknown	Air type, paint pump, the ID tag has a significant amount of overspray therefore we are unable to determine the model or serial number, it is mounted on a 4-caster cart, used to pump out a 5-gallon paint.
Paint Department	218	1	2006	Graco	Pump	Unknown	Unknown	Paint pump with spray gun, 33:1 ratio, part number 245117, Series D06A, the air motor part number 208356, 2006 year model, S/N AC07588, purchased new, has excellent eye appeal, appears to be in very good condition, includes the Graco wide nozzle sprayer, 5,000 PSI, 238691 mounted on 4-caster cart but does have a single axle transporter, this unit was purchased new for a specific job, it has limited usage and is seldom used now
Paint Department	219	1	Unknown	Graco	Pump	Unknown	Unknown	Paint pump, air type, the overspray is such that the ID tags are covered, is painted red, is near the red paint booth, appears to be a President Series, identical to the others, appears to be in fair condition, it does include the Graco paint slurrer which fits on a 55-gallon drum, pneumatic type and a wide nozzle Graco paint spray gun.
Layout	220	1	Unknown	Buffalo	Punch	1/2W	Unknown	Deep throat punch, 60" throat, mechanical type, tonnage is unknown, air activated mechanical clutch, auto Bjur auto lube system, includes a full set of dies, the machine is operational but is seldom used.
Sheet Steel/Plate Steel Storage Bay	221	1	Unknown	Shop Built	Racking	Unknown	Unknown	Carrier storage rack system in the plate and sheet steel storage bay, these units were shop built by Eagle Iron specifically for their needs, constructed of channel and I-beam and angle iron, they are welded to the frame of the building, there are (8) sets with (2) vertical uprights per set, the arms are welded to the frames, 9-ier, the removal value would be based upon scrap price, the in place value is significant.
Sheet Steel/Plate Steel Storage Bay	222	6	Unknown	Shop Built	Racking	Unknown	Unknown	Vertical storage racks for steel, these were shop built by Eagle Iron, located in the plate/sheet steel storage bay, comprised of beam and lube steel, (6), they are various sizes and capacities, if they were to be removed they would have to be torched apart into a size which could be transported, they have limited value from an orderly liquidation view point, they have significant value in place.
Shipping/Receiving	223	1	Unknown	Shop Built	Racking	Unknown	Unknown	A quantity of shop built storage racks, very heavy duty made of angle iron, various sizes and types.
Shipping/Receiving	224	1	Unknown	Unknown	Racking	Unknown	Unknown	A quantity of storage racks, most were custom built by Eagle Iron, various sizes, various types, various duty cycle, there is one row of pallet racking.
Layout	225	1	Unknown	Hendley & Whittemore	Roll	Unknown	12925	3-bar roll, 36" left to right with rod end grooves, has end gearing, initial pinch, mechanical drop end, approximate vintage 1920s, is operational, the top roll has been machined for angles, the gearing is in need of repair, significant quantity of back lash, the machine does not perform as it was intended.
Shop	226	1	Unknown	Webb	Roll	9L-1316-LH	6704	3-bar roll, initial pinch, 16" of I/A, mechanical type, has safety stings, equipped with an Eagle Iron gear reducer, AC motor, lube system, power back roll adjust, pneumatic drop in, approximately 12 - 12-1/2" diameter rolls, the roll surface appears to be in very good condition, the roll is used on a weekly basis, has good eye appeal, appears to be in good condition overall, has power back roll adjust, the front roll is adjustable manually.
Machine Shop	227	1	1954	Master	Sander	SP25P	710	Spindle shaper, oscillating type, 4" diameter spindle, basic machine, appears to be in good condition.
Machine Shop	228	1	Unknown	Master	Sander	Unknown	Unknown	Disk sander, 24" tilting table, unable to locate ID tag, older unit, functions on a routine basis, 2 hp, 440 volt, 3-phase.
Shipping/Receiving	229	1	Unknown	Master	Saw	Unknown	WD382	Disk sander, 20" 220 volt, 3-phase, older unit, appears to be in good condition.
Shipping/Receiving	230	1	Unknown	Craftsman	Saw	Unknown	5-76-7	Radial arm saw, part number 63503, 16" outward travel, 10" diameter blade, medium duty, appears to be in good condition.
Machine Shop	231	1	Unknown	DeWalt	Saw	Contractors Series	418000663	Radial arm saw, 5 hp, 42" of outward travel, the over arm does swivel, the carriage guides appear to be in good condition, is a heavy duty model, does have the power travel.
Assembly Bay	232	1	Unknown	DeWalt	Saw	GT Series	Unknown	Radial arm saw, 28" outward travel, open faced motor mounted on a square vertical column, has miter base which was unusual for this design, the radial arm is manual raise/lower on the column, custom built support table, the handle yoke has been cracked and welded at one time, this might be an issue with OSHA due to the open faced motor although it has passed all current OSHA inspections.

TRADE MARK  
REEL: 004956 FRAME: 0500

11/19/2012

Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Machine Shop	233	1	1971	DoAll	Saw	TE24-SA	2-231-71288	Vertical band saw, extended column, 1" blade, hydraulic clamping, power-in-feed roller band saw, 24" x 28" table, 18" throat, for its age it appears to be in good condition.
Foundry	234	2	Unknown	Fox	Saw	46	Unknown	Abrasive chop saw, this is a long shaft design, designed to be suspended from a hoist, has 30" diameter wheel.
Pattern Shop	235	1	1989	Grob	Saw	4V-18	715	Vertical band saw, 24" x 28" table, 18" throat, for its age it appears to be in good condition.
Pattern Shop	236	1	Unknown	JET	Saw	JTAS-12X-51LFR	8120080	Table saw, Stock Number 708536, push button control, 54" width fence, blade guard, appears to be 5 hp, 12" blade, has the Xacta fence.
Layout	237	1	1985	Kalamazoo	Saw	VZTSA	85-99-1	Vertical band saw, this unit has a 24" throat, power lift, power feed, inch blade, power vise, automatic power roller (able for in-feed, coolant, speed readout, old unit, fair eye appeal, appears to be in fair condition, functions on a routine basis, also has a chip conveyor belt, chain type.
Layout	238	1	Unknown	Marvel	Saw	B/M4	88100	Vertical band saw, power feed, manual lift, manual vise, no automatic in-feed or out-feed tables, original condition, appears to be in fair condition, functions as needed.
Pattern Shop	239	1	Unknown	Master	Saw	Unknown	Unknown	Table saw, Style CV10436, 3-phase, 220 volt, 44" x 40" table, has extended 52" fence with Excaliber overhead blade guard, appears to be a 14" blade, 16" blade, the spindle assembly has a different name brand of J. A. Fay & Egan, killing arbor, saw functions on a daily basis.
Pattern Shop	240	1	Unknown	Milwaukee	Saw	Unknown	98501477	Abrasive chop saw, Catalog Number 6178, 14", heavy duty, manual vise, bench model
Pattern Shop	241	1	Unknown	Oliver	Saw	116-D	86881	Vertical band saw, wood band saw, 36" throat, the main table is 36" x 36"; for its age it appears to be in good condition
Maintenance	242	1	Unknown	Stone	Saw	M35	798	Abrasive chop saw, 220/440 volt, 3-phase, 3-1/2 hp, mounted on its own base, manual type, old unit receives a limited amount of use.
Department across Foundry	243	1	Unknown	Target	Saw	Port-A-Saw Series	PP0514643SMH	Abrasive Chop saw, electric type, 1-1/2 hp, single phase, dry type, old unit, found in the core room on the main level.
Machine Shop	244	1	Unknown	Wells	Saw	8	Unknown	Horizontal band saw, dry type, cutting capacity of 10" x 18", old unit, 115 volt, unable to read the ID tag.
Shipping/Receiving	245	1	Unknown	B-Teck	Scale	BT-4848-5K FEFSTA	FC1008182L	Platform scale, 48" square, 5,000 pound capacity, with Mettler Toledo digital readout, IND226 5,000 pound capacity, the scale appears to be in "like new" condition.
Shipping/Receiving	246	1	Unknown	Mettler Toledo	Scale	BB4442-3SSD	3C06173	Counting scale, maximum 35 kg, programmable, includes a scale platform that is 24" square.
Engineering Room	247	1	Unknown	Oce	Scanner	TD5320	331506835	Wide format scanner.
Foundry	248	1	Unknown	Simplicity	Shakeout	Unknown	68-SODE-1277	Vibratory shake-out deck, 20 hp, 230/460 volt, 3-phase, appears that the motor has recently been replaced as new, the bearings were recently replaced as new, the deck measures 99" length, 72" width, this is built and designed for foundry operation to shake out flasks.
Foundry	249	1	2010	Terex Simplicity	Shakeout	48-SOBG-1352	Unknown	Vibratory single deck, 4 x 8 deck, unable to locate the ID tag, this is used to shake out the flasks.
Foundry	250	1	Unknown	Unknown	Shakeout	Unknown	Unknown	Single deck vibratory shakeout which is being used in the foundry for the molds, 4 x 12 with a metal framework, this entire unit is enclosed in a sound cabinet, the exterior dimensions are 8' x 12' x 8', the belt guard is missing from this unit, this unit has had an excessive amount of use, it is in operating condition, operates on a daily basis, appears to be in fair to good condition, this would be easy to remove.
Machine Shop	251	1	Unknown	McDonough	Sharpener	Sterling	DG7039	Drill bit sharpener, 2-1/2" drill bit capacity, original condition, no options, older unit, appears to be in good condition.
Layout	252	1	1989	HTC	Shear	500-12-PS	10892934	12" overall by 12" hydraulic type, hydraulic hold downs, 4" squaring arm, FOPBG, the back gage does not function, this machine is an above floor type, this machine has sheared 1/2" material, we understand this machine to be in operating condition, since the company purchased a laser cutter this machine receives limited usage, also included in this description will be the ball transfer floor system, the ball transfer system is a quantity of vertical posts with ball transfers welded to sheet steel that is approximately 12" x 28".
Office	253	1	Unknown	Multigraphics	Shear	2D20	20-3573	Paper shear, 120 volt, single phase, 20" width, LED readout, appears to be in good condition.
Layout	254	1	1984	Niagara	Shear	IF-10-12	65366	Power shear, 10" x 12" capacity, hydraulic type, hydraulic hold downs, 10" squaring arm, front arm supports, FOPBG, 37" back gage travel, the power back gage does not function, this machinery receives limited usage since the company installed a laser cutting machine, the company does not know when the shear knives were last sharpened, fair eye appeal, condition is unknown, functions as needed but shears a very light material, the machine has sheared 1/2" material and is capable of currently shearing 1/2" material.
Layout	255	1	Unknown	Unknown	Shear	Unknown	Unknown	Hydraulic angle shear, it appears it could be either a Whitney or a Peedringhaus frame, it does appear that they hydraulic arm has been rewelded at one time, it appears to have a 6' x 6' x 5/8" capacity, includes a free standing hydraulic power pack, the power pack is 15 hp, 220/440 volt, 3-phase, includes the manual roller table, approximate vintage 1980s, appears to function on an "as needed" basis.
Layout	256	1	Unknown	Unknown	Shear	Unknown	Unknown	Hydraulic angle shear, it appears to be 4' x 4' x 3/8", this unit does not have an independent power supply, this uses the same power supply from the first angle shear, could be separated but then would be without a power supply the value is without a power supply.
Layout	257	1	Unknown	Dependable	Shell Core	100	Unknown	16" x 14" platen size, has 17 heel nozzles using natural gas, older unit, used on a routine basis.
Layout	258	1	Unknown	Dependable	Shell Core	400	Unknown	25" x 20" platen size, older unit, mounted on the 2nd floor and requires a freight elevator to use.
Layout	259	1	Unknown	Dependable Fordath	Shell Core	406SA	294	25" x 20" mold capacity, includes all of the control panel, appears to be in good condition, this unit does have the capacity of adding a mold that is approximately 3" above the platens, this unit is up on the 2nd floor and would need to use an elevator to get it up here.
Office	260	1	Unknown	Danle	Shredder	20990KS	K200022	Paper shredder, 16" width, forward and reverse, Type 20390, 115 volt, German made, can cut up to (50) sheets at one time.
Office	261	2	Unknown	I.W. S. Tyler Company	Sieve	Rg-Tsp	2035	Sand sieves, testing sieve shakers, second SIN 13138, with a quantity of brass sieves.
Room off from the foundry	262	1	2005	Bobcat	Skidloader	\$175	525219688	6.687 hours on the meter, electronic dash, open cab, auxiliary hydraulics, manual detach quick coupler, the coupler plate is new, has 66" GP bucket, tire size 10-16.5NHS, this is used in the foundry, is constantly operating in foundry dust and sand, the front right tire should be replaced, original paint and decal, the loader arm weldment has been cracked and broken from the frame and rewelded, considering the conditions which it operates within it has good eye appeal, functions on a daily basis

Location	Sequence Num	Qty	Year	Brand name	Type	Model	SN	Description
Welding	263	1	Unknown	Shop Built	Table	Unknown	Unknown	Positioning table, constructed out of tube steel, has power rotation at 180°, push button control, the lustering frame measures 15' x 17' in length, was custom built for this company's application, yet it could be utilized in many different applications, heavy duty, used on a daily basis, appears to be in good condition overall.
Maintenance	264	1	Unknown	Shop Built	Table	Unknown	Unknown	Welding table, 34" x 100" with Wilton vise, heavy duty, also has a Ridgid vice.
Pattern Shop	265	1	Unknown	Shop Built	Table	Unknown	Unknown	Router table, uses Porter Cable 3/4 hp router, assortment of bits, mounted on 4 castor table with fence.
Chip Grinding Area	266	10	Unknown	Unknown	Tables	Unknown	Unknown	Assorted tables, heavy duty steel frame, made of heavy duty angle iron frame.
Chip Grinding Area	267	1	Unknown	Shop Built	Table	Unknown	Unknown	Paint dip tank for wet paint, this is built by Eagle Iron Work, with pneumatic stirrer, used for all parts, consists of dip basket and the tank.
Machine Shop	268	1	Unknown	Landis	Threader	1-1/4" L-128	560947305	Bolt and pipe threader, Landis automatic die head, 1-1/4" maximum capacity.
Layout	269	1	Unknown	ESAB	Torch	Saber 3000-12	Unknown	CNC oxy-fuel torch, 460 volt, single phase, ESAB non-touch screen control, the control is an AN552 OC, S/N 928-199 currently using (5) torch heads, has ESAB controls, using a dry table, the current dimension of the table is 12 X 30 length, the cutting area is approximately 25 length, 12" width, this table is a down-draft type, this unit has CNC controlled height for design is to pull the draft off the left side of the table, is currently using propane for fuel, this unit has CNC controlled height for each torch, only torch number 1 has a servo drive, all of the other heads need to be positioned manually, the cutting table appears to be in good condition, this unit was a reconditioned machine after the 2009 flood, the gantry was reconditioned, it had a new control installed, the servos were replaced, all electrical was reconditioned and refurbished, 2009 was the year this unit was reconditioned.
Maintenance	270	1	1976	Transcraft	Trailer	FTDA22-40-7	TC-9306	Step deck trailer, GVWR 60,000 pounds, 40' triple axle, extendable frame trailer, extends out to 70', the wood deck appears to be in poor condition, the paint has come off from nearly all surfaces, has fair eye appeal, we understand it to be road worthy, spring suspension, tire size 9R17.5HG, has steel decking over the tires, fair eye appeal, appears to be in fair condition, not currently road worthy.
Maintenance	271	1	Unknown	Unknown	Trailer	Unknown	Unknown	Utility trailer, single axle, tire size 6-70-15.1T, 5-bag rim, diamond plate steel deck, 12' length, 6' width, fold down gate, no brakes, ball hitch, used to transport the lawn mower, very heavy duty trailer.
Maintenance	272	1	Unknown	Unknown	Trailer	Unknown	Unknown	Semi flatbed trailer, 42' length, ID tag is missing, sliding tandem axle, 11R22.5 tires, wood deck appears to be in fair condition, heavy duty I-beam, Lic. Plate #9992CB, not currently road worthy.
Department across	273	1	1993	Ford	Truck	F250	1FTHF26G4TMB23010	Pickup, 8,600 GVWR, standard cab, bench seat, cloth interior, 4WD, shift on the floor, automatic transmission, 67,367 miles on the odometer, no AC, AM/FM radio, dual fuel tanks, manual locks, manual windows, the interior is clean, tire size L1235/85R16 with 100% tread, gas power, 8' box, auxiliary fuel tank mounted in the bed, no bedliner, rust over the rear wheels, the fender is dented, dents on the box, rust over the front quarter panel, the hood has a dent, equipped with a snow plow, this is used predominantly as a delivery truck and for pushing snow.
Department across	274	1	1995	Ford	Truck	F350 XL	2FDKF8G5CA26429	Cab and chassis, GVWR 11,000 pounds, 4WD, shift on the floor, automatic transmission, 103,282 miles on the odometer, no AC, AM/FM radio, bench seat, manual locks, manual windows, vinyl interior, equipped with a 7' flabbed with headache rack, rear single axle with dual tires, tire size L7235/85R16 with 50% tread, gasoline power, white in color, minor dents throughout the cab, overall has good eye appeal, appears to be in good condition, also includes the snow plow.
Maintenance	275	1	1995	Mack	Truck	MH613	1M2AR06Y4FM007201	Truck tractor, COE, 35' sleeper, has Mack engine, Mack transmission Maxitorque T2090 9-speed, 348,386 miles on the odometer, 4,663 hours on the meter, AC, air brakes, the heater does not function, the tires are 285/75R24.5 with aluminum rims, rear camel back suspension approximately 34,000 pounds, rear tires 285/75R24.5 with steel rims, this unit currently is not licensed and is not deemed to be road worthy due to the heater system and heater core needs to be replaced, the estimation was \$6,000 which was greater than the value of the truck.
Shipping/Receiving	276	750	Unknown	Unknown	Tub	Unknown	Unknown	Metal storage tubs which are stackable, they are painted red and vary in size from 48" x 35" x 30", 24" x 36" x 24", most have a corrugated side, some have a smooth metal side, all appear to be in very good condition, all are stackable, we did not count these, quantity is an estimation coming from Eagle Iron Works, if the quantity count is inaccurate then our opinion of value must be changed.
Department across	277	1	Unknown	Aronson	Turner	Unknown	221975	Power tank turner, this has manual adjusted turning wheels, single power drive, 66" maximum OD, this unit does not have the matching idler but does have a shop built idler turner, the entire turning system has been modified with a shop built floor which the idler travels on angle iron guides, this power unit does have variable speed, this company has turned 12,000 pound capacity on this system.
Welding	278	1	1994	Precision - Easton	Turner	TDR10HD	TDRC10HD175	Power tank turner, power unit, rated at 10,000 pound capacity, it does not have the matching idler, this company has modified a metal base with angle iron track, has custom built steel roller idler to match the power unit, the company repairs the most capacity it puts on this system as 7,000 pounds, it does have variable speed control, maximum 72" diameter, old unit, fair eye appeal, functions on an "as needed" basis.
Maintenance	279	1	2007	Mazak	Turning Center	Cybertech Turn 4500M	203878	CNC turning center, weighs 43,900 pounds, has 24" Kitagawa 3-jaw chuck, 12-position turret with live tooling, all positions can be live, programmable tail stock, 2-axis machine with C-axis, auto door, equipped with a BMW Autoblock tool support which is hydraulically controlled and tied into the program, 6,786 hours power on, 4,079 hours auto op, 3,474 hours auto cut, 3,099 hours total cut, maximum swing 633.8", swing over cross slide 27.5", maximum machining diameter 31.9", maximum machining length 80", maximum support weight chuck work 13,200 pounds, shaft work 5,600 pounds, turning spindle rotating speed 3,750 per minute, through hole diameter 12.6", spindle nose A2-30, motor output 45/40 HP, tailstock spindle bore type MT # 5, upper turret bolt fixing type, number of tools mounted 12, milling speed 25-3,000 RPM, milling output 15/10 HP, maximum torque of milling spindle 103 foot/pounds, lower turret bolt fixing type, number of tools mounted 8, feed axes movement stroke X1 Z1 2.1 Z1 86.8", axis of tailstock 60.3".



11/19/2012

Eagle Iron Works  
Des Moines, Iowa

Prepared by Equipment Marketers and Appraisers

Location	Sequence Numbr	Qty	Year	Brand name	Type	Model	SN	Description
Pattern Storage Room off from the foundry.	280	1	Unknown	Unknown	Unknown	Unknown	Unknown	A quantity of steel storage racks, shop built by Eagle Iron for their specific needs, most would have to be latched apart if they were to be removed, there is a quantity of cantilever storage systems which are made of channel steel and I-beam steel, they are an integral part of the building for they appear to be holding up components of the roof since they are integrated into the building system therefore they would be considered a fixture, our valuation only includes the free standing racks, there are approximately (14) which were made of angle iron, there is one system which is cantilever style, free standing, double sided that is custom built to hold castings, this is located in the center of the pattern storage warehouse.
Maintenance Department across the street	281	1	Unknown	Holsy	Washer	Unknown	190B110ABA4A2NG08045	Customer part number 992SS, manufacturer's part number 1 109-620 0, 2,000 PSI, 225° F., 3.9 gallons per minute, 364,835 BTU, natural gas fuel, 230 volt, single phase, stationary type, 74 hours on the meter, very good eye appeal, appears to be in very good condition overall.
Machine Shop	282	1	Unknown	Shop Built	Washer	Unknown	Unknown	Parts washer, self contained with approximately 200 gallon capacity, 40" square by 30", old unit, made specifically for this company.
Foundry	283	1	2008	Baltimore Air Coil Co	Water Chiller	FXV-L22	U083360801	Beil number 6090, this includes the control panel, this system is designed to chill the water for the furnaces, due to its location it would be expensive to remove, it is working in the foundry therefore it is subject to a very dirty environment, Capacity 113 USGPM, has good eye appeal.
Welding	284	1	2011	Nelson	Welder	NEL4000	10021384	Stud welder, 300 amp/52 volt - 2,100 amps/44 volt, 100% at 612 amp/44 volt, at 80% at 790 amp, at 8% is 2,100 amp, 3 phase, 230/460/575 volt, HG21167 stud gun, has the ability with the weld base diameter of 1" at 2,000 amp, this unit has a programmable PLC with LED readout, was purchased new, appears to be in "like new" condition.

Schedule "2"

*McLanahan Equipment*



25' x 20' x 60" Wheelabrator Group Air Blast Room Serial #3737

Downdraft Spray Booth with Ductwork, Control Panel, Manlifts AMU and Roll-up Doors #DDG-2520-60-S

Graco ProMix 2KS Two Component Proportioning System Paint Kitchen

Gardner Denver (EBP99J) GSDT-100/PE 100 hp Air Cooled Rotary Screw Air Compressor

Garner Denver GDVS80 Air Cooled Variable Speed Air Compressor

Gardner Denver GDRNC1000A4 Refridgerated Air Dryer

Gardner Denver GDFIL34E27G Coalescing Afterfilter

Gardner Denver GD7037084 (CTS-T55) Oil Water Separator

Gardner Denver OOET20M Compact Drain Valve

Hartzell Exhaust Fan #A02SG-482NA-STFEM4 with Shutter Mtg. Boot, panel fan rear guard, panel fan mtg flange an automatic shutters

ADT Focus 200 Security System located in paint shop area consisting of Keypads, motion detectors, burglar alarm with siren and strobe light, smoke detectors, heat detectors and backup batteries

Jenny Model F12S-30UMS Air-cooled Single-stage Sprinkler System

CO-RAY-VAC CRVB-8 Burners and 4 Guarded Thermostats

CTH100N-30H Vantage Radiant Heater with Guarded Thermostat

CTH40N-10A Vantage Radiant Heater with Guarded Thermostat

932U01500V Induco Surface Mounted Electric Wall Heater with thermostat and disconnect

20 Ton Crane, with hoist and all control panels

100 Ton Crane, with hoist

Verticle Mill – G&L CNC Special Turning Machine Model H700-VT Serial #520-8-90

150 Ton Crane

2 – Two Tone Jib Beams/Hoists

2 – Power Supplies and Feeders

**Schedule "3"**

***Intangibles***

**1. Patents**

**U.S. Registered Patents**

Patent No. 5,818,732, Batch Timer Initialization for a Sand Classifying Tank, issued October 6, 1998

Patent No. 4,199,080, Input Monitoring System for Sand Classifying Tank, issued April 22, 1980

Patent No. 3,913,788, Automated Continuous Classification and Reblending System for Sand and other Granular Material, issued October 21, 1975

**Canadian Registered Patents**

Patent No. CA 1117621, Input Monitoring System for Sand Classifying Tank, issued February 2, 1982

Patent No. CA 1034232, Automated Continuous Classification and Reblending System for Sand and other Granular Material, issued July 4, 1978

Patent No. CA 747229, Gravity Separator Control System, issued November 29, 1966

Patent No. CA 718294, Control for Discharge of Settling Tank, issued September 21, 1965

**Mexican Registered Patent**

Patent No. 208610, Batch Time Initialization for a Sand Classifying Tank, expires May 10, 2013

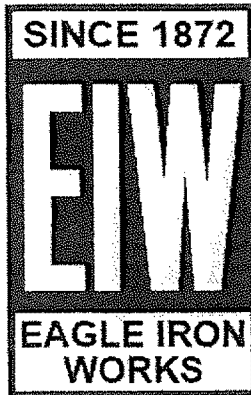
**2. Servicemarks and Trademarks**

**United States Federally Registered Servicemarks and Trademarks**

- DIALSPLIT (U.S. Reg. No. 0770718)
- AUTOSPEC (U.S. Reg. No. 0752027)

**Unregistered Servicemarks, Trademarks and Tradenames**

- EAGLE
- EAGLE IRON WORKS
- EAGLE IRON WORKS CORP.
- EIW



### 3. Copyrights

#### U.S. Registered Copyrights

Full Title	Copyright Number	Date
Autospec Mark V : [bulletin 184].	TX0001901711	1984
Autospec--Mark V : control program for 11 stations and 1 meter bin.	TX0001574639	1985
AUTOSPEC--Mark V sand reblending control system.	TX0003332878	1992
Eagle Autospec-Mark V computer controlled sand reblending system : general catalog section B-1.	TX0001901712	1985
Eagle cutter-head dredging ladders : general catalog section "K-C."	TX0000047610	1978
Eagle fine and coarse material washers : general catalog section "C."	TX0000968046	1982
Eagle fine material phosphate washer-dewaterer : general catalog section "C-1."	TX0000800209	1981
Eagle Iron Works tank control program 11 stations without meter bin.	TX0001260564	1983
Eagle phosphate log washers : general catalog section "D-1."	TX0000798803	1981
Eagle sloped plate clarifier.	TX0000451402	1979
Eagle water scalping-classifying tanks, dialsplit and autospec controls : general catalog section "B."	TX0000798804	1981

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

January 29, 2013

PTAS

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301 GRANT STREET, 34TH FLOOR  
PITTSBURGH, PA 15219**103654199**United States Patent and Trademark Office  
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