FORM PTO-1595
(Rev. 6-93)

09/25/03

RECO

09-30-2003

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 060357-0000 (b)

To the Assistant Commissioner for Patents:
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

OIPE SEP 25 2003 PATENT & TRADEMARK OFFICE

1. Name of conveying party(ies):

Honeywell International Inc.

Additional name(s) of conveying party(ies) attached?
___ Yes X No

2. Name and address of receiving party(ies):

Name: Metglas, Inc.

Street Address: 440 Allied Drive
Conway, South Carolina 29526

Internal Address:

Additional name(s) & address(es) attached?
Yes X No

3. Nature of conveyance:

X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other_____

Effective Date(s): August 25, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s): 4,762,678 issued 8/9/88

Additional patent application and patent numbers attached: X Yes ___No See attached **Schedule A**.

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

Name: Michael S. Tuscan, Ph.D.
Internal Address: **Customer No. 009629**
Morgan, Lewis & Bockius LLP

Street Address: 1111 Pennsylvania Ave., NW
City: Washington **State:** D.C. **Zip:** 20004

6. Total number of applications and patents involved: 98

7. Total fee (37 C.F.R §3.41): $3,920.00
___ Enclosed- payment by check
X Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310
Attach duplicate of page if paying by deposit account

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael S. Tuscan, Reg. No. 43,210
Name of Person Signing

Signature

September 25, 2003
Date

09/29/2003 LMUELLER 00000117 500310 4762678
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Total number of pages including cover sheet, attachments and documents: 8

1-WA/2056704.2

Schedule A

U.S. Patents

Docket Number	Title	Patent Number	Patent Issue Date
30-2410	Method of Preparing a Bulk Amorphous Metal Article	4,762,678	8/9/88
30-2411	A Method of Preparing a Bulk Amorphous Metal Article	4,762,677	8/9/88
30-2951	Annealing Furnace for Annealing Magnetic Cores in a Magnetic Field	4,649,248	3/10/87
30-2952	Toroidal Winding Apparatus	4,637,563	1/20/87
30-2953	Case for Protecting a Magnetic Core	4,646,803	3/3/87
30-2954	Transformer with Toroidal Magnetic Core	4,639,707	1/27/87
30-2955	Electrical Induction Apparatus with Support Inside Casing	4,631,509	12/23/86
30-3054	Amorphous FE-B-SI Alloys Exhibiting Enhanced AC Magnetic Properties and Handleability	5,496,418	3/5/96
30-3064	Low Melting Nickel-Palladium-Silicon Brazing Alloys	5,424,140	6/13/95
30-3064	Low Melting Nickel-Palladium-Silicon Brazing Alloys	5,542,993	8/6/96
30-3139	FE-NI Based Soft Magnetic Alloys Having Nanocrystalline Structure	5,340,413	8/23/94
30-3182	A Method of Encoding and Decoding of Glassy Alloy Strip to be Used as an Identification Maker	5,338,373	8/16/94
30-3286	Heat Treatment Process and Soft Magnetic Alloys Produced Thereby	5,252,144	10/12/93
30-3296	Improved Harmonic Markers Made From FE-NI Based Soft Magnetic Alloys Having Nanocrystalline Structure	5,395,460	3/7/95
30-3354	Improved Edge Coating for Amorphous Ribbon Transformer Cores	5,441,783	8/15/95
30-3805	Homogeneous Quench Substrate	5,564,490	10/15/96
30-3902	Nickel-Chromium-Based Brazing Alloys	6,200,690	3/13/01
30-3918	Method of Achieving A Controlled Step Change in the Magnetic Loop of Amorphous Alloys	5,800,635	9/1/98
30-4016	Magnetic Core-Coil Assembly for Spark Ignition Systems	5,868,123	2/9/99
30-4057	Thick Amorphous Alloy Ribbon Having Improved Ductility and Magnetic Properties	6,103,396	8/15/00
30-4149	Casting Wheel Having Equiaxed Fine Grain Quench Surface	5,842,511	12/1/98
30-4154	Magnetic Core-Coil Assembly for Spark Ignition Systems	5,841,336	11/24/98
30-4154	Magnetic Core-Coil Assembly for Spark Ignition Systems	5,844,462	12/1/98
30-4154	Magnetic Core-Coil Assembly for Spark Ignition Systems	5,923,236	7/13/99
30-4154	Magnetic Core-Coil Assembly for Spark Ignition Systems	6,123,062	9/26/00
30-4154	Magnetic Core-Coil Assembly for Spark Ignition Systems	6,457,464	10/1/02
30-4259	Electrical Choke for Power Factor Correction	6,144,279	11/7/00
30-4264	Amorphous Alloy with Increased Operating Induction	5,873,954	2/23/99
30-4373	High Pulse Rate Ignition Source	6,535,096	3/18/03
30-4516	Amorphous Metal Transformer Having a Generally Rectangular Coil	6,411,188	6/25/02
30-4550	High Stack Factor Amorphous Metal Ribbon and Transformer Core	6,299,989	10/9/01
30-4559	Cobalt-Chromium-Palladium-Based Brazing Alloys	6,165,290	12/26/00

Docket Number	Title	Patent Number	Patent Issue Date
30-4581	Integrated Hybrid Electronic Article Surveillance Marker	6,373,387	4/16/02
30-4609	Bulk Amorphous Metal Magnetic Components	6,331,363	12/18/01
30-4609	Bulk Amorphous Metal Magnetic Components	6,346,337	2/12/02
30-4609	Bulk Amorphous Metal Magnetic Components	6,348,275	2/19/02
30-4630	Bulk Amorphous Metal Magnetic Components for Electric Motors	6,420,813	7/16/01
30-4630	Bulk Amorphous Metal Magnetic Components for Electric Motors	6,462,456	10/8/02
30-4630	Bulk Amorphous Metal Magnetic Components for Electric Motors	6,559,570	5/6/03
30-4794	Magnetic Glassy Alloys for High Frequency Applications	6,432,226	8/13/02
30-4794	Magnetic Glassy Alloys for High Frequency Applications	6,475,303	11/5/02
30-4880	Process for Manufacturing of Brazed Multi-Channeled Structures	6,544,662	4/8/03
30-4973	Brazing Foil Preforms and Their Use in the Manufacture of Heat Exchangers	6,551,421	4/22/03
30-5086	Bulk Stamped Amorphous Metal Magnetic Component	6,552,639	4/22/03
81-1785	Conditioning Brushes for Cleaning Rapid Solidification Casting Surfaces	4,708,194	11/24/87
81-1797	Homogeneous, Ductile Iron Based Hardfacing Foils	4,515,870*	5/7/85
81-1821	Method and Apparatus for Cooling a Moving Chill Substrate	4,589,470*	5/20/86
81-2065	Nozzle Assembly	4,566,525*	1/28/86
81-2082	Gas Assisted Nozzle for Casting Metallic Strip Directly from the Melt	4,791,979	12/20/88
81-2100	Metallic Glasses Having Combination of High Permeability Low Coercivity AC Core Loss Exiting Power and High Thermal	4,834,814	5/30/89
81-2101	Glassy Metal Alloys with Perminvar Characteristics	4,938,267	7/3/90
81-2102	Consolidated Articles Produced from Heat Treated Amorphous Bulk Parts	4,594,104	6/10/86
81-2103	Rapid Magnetic Annealing of Amorphous Metal in Molten Tin	4,668,309	5/26/87
81-2109	Homogeneous Ductile Brazing Foils	4,745,037	5/17/88
81-2126	Low Magnetostriction Amorphous Metal Alloys	4,755,239	7/5/88
81-2128	Casting in a Thermally – Induced Low Density Atmosphere	4,664,176	5/12/87
81-2129	Casting in a Low Density Atmosphere	4,676,298	6/30/87
81-2137	Casting in a Exothermic Reduction Atmosphere	4,869,312	9/26/89
81-2137	Casting in a Exothermic Reduction Atmosphere	5,043,029	8/27/91
81-2144	Method of Brazing with Low Melting Point Copper-Tin Foils	4,522,331*	6/11/85
81-2165	Amorphous Alloys for Electromagnetic Devices	4,889,568	12/26/89
81-2183	Localized Conditioning Shoe for Casting Metal Strip	4,649,984	3/17/87
81-2188	Complex Boride Particle Containing Alloys	4,576,653	3/18/86
81-2250	Metallic Glasses Having a Combination of High Permeability Low Coercivity Low AC Core Loss, Low Exciting Power and High Thermal Stability	5,110,378	5/5/92

* Expired

Docket Number	Title	Patent Number	Patent Issue Date
81-2250	Metallic Glasses Having a Combination of High Permeability Low Coercivity Low AC Core Loss, Low Exciting Power and High Thermal Stability	5,284,528	2/8/94
81-2251	Metallic Glasses Having a Combination of High Permeability Low Coercivity Low AC Core Loss, Low Exciting Power and High Thermal Stability	4,834,816	5/30/89
81-2253	Low Temperature, High Strength, Nickel Base Alloys	5,158,229	10/27/92
81-2278	Low Temperature High Strength Nickel-Palladium Base Brazing	4,746,379	5/24/88
81-2294	Homogenous Ductile Brazing Foils	4,801,072	1/31/89
81-2295	Amorphous Alloys for Electromagnetic Devices	4,588,452	5/13/86
81-2299	Homogenous Low Melting Temperature Brazing Filler Metal for Joining Ferrous and Non-Ferrous Alloys	4,587,097	5/6/86
81-2310	Inline Winder with Take-up Web	4,756,788	7/12/88
81-2319	Amorphous Metal Alloys Having Enhanced AC Magnetic Properties at Elevated Temperatures	5,035,755	7/30/91
81-2331	Iron-Rich Metallic Glasses Having High Saturation Induction and Superior Soft Ferro Magnetic Properties at High Saturation Induction and Low Magnetic Anisotropy Energy	5,062,909	11/5/91
81-2331	Iron-Rich Metallic Glasses Having High Saturation Induction and Superior Soft Ferro Magnetic Properties at High Saturation Induction and Low Magnetic Anisotropy Energy	5,296,049	3/22/94
81-2331	Iron-Rich Metallic Glasses Having High Saturation Induction and Superior Soft Ferro Magnetic Properties at High Saturation Induction and Low Magnetic Anisotropy Energy	5,364,477	11/15/94
81-2337	Casting in an Exothermic Reducing Flame Atmosphere	4,588,015	5/13/86
81-2375	Flexible Multi layered Brazing Materials	4,871,622	10/3/89
81-2378	Nickel Palladium Based Brazing Alloys	4,802,933	2/7/89
81-2408	Homogeneous Ductile Iron Based Hard Facing Foil	4,576,873	3/18/86
81-2410	Homogeneous Ductile Cobalt Based Hard Facing Foil	4,650,725	3/17/87
81-2417	Ground Fault Interrupters from Glassy Metal Alloys	4,956,743	9/11/90
81-2419	Nickel High-Chromium Base Brazing Filler Metal for High Temperature Applications	4,658,537	4/21/87
81-2419	Method of Making Nickel High-Chromium Base Brazing Filler Metal	4,712,603	12/15/87
81-2425	Glassy Alloy Identification Marker	4,823,113	4/18/89
82-2442	Improved Wetting of Low Melting Temperature Solders by Surface Active Additions	4,734,256	3/29/88
82-2505	Rotor Apparatus for Axial Shield Electro Magnetic Devices and Method of Construction Therefor	5,028,830	7/2/91
82-2651	Thermomechanical Processing of Rapidly Solidified High Temperature AL – Base Alloys	4,869,751	9/26/89
82-2750	Friction-Actuated Extrusion of Rapidly Solidified High Temperature AL-Base Alloys and Product	4,898,612	2/6/90
82-2790	Amorphous FE-B-SI-C Alloys Having Soft Magnetic Characteristics Useful in Low Frequency Applications	5,593,513	1/14/97
82-2790	Amorphous FE-B-SI-C Alloys Having Soft Magnetic Characteristics Useful in Low Frequency Applications	5,593,518	1/14/97

Docket Number	Title	Patent Number	Patent Issue Date
82-2790	Amorphous FE-B-SI-C Alloys Having Soft Magnetic Characteristics Useful in Low Frequency Applications	5,871,593	2/16/99
82-2802	Iron-Rich Metallic Glasses Having High Saturation Induction and Superior Soft Ferromagnetic Properties	5,100,614	3/31/92
82-2814	Magnetic Core Utilizing Metallic Glass Ribbons and Mica Paper Inter Laminar Insulation	5,091,253	2/25/92
82-2868	Method and Apparatus for Measuring Strain Within A Ferromagnetic Material by Sensing Change in Coercive Field	5,142,227	8/25/92
82-2869	Torque Sensor	5,146,790	9/15/92
H0001522	Apparatus and Method for the Manufacture of Large Transformers Having Laminated Cores, Particularly Cores of Annealed Amorphous Metal Alloys	6,583,707	6/24/03
H0001627	Apparatus and method for Casting Amorphous Metal Alloys in an Adjustable Low Density Atmosphere	6,453,984	9/24/02

ASSIGNMENT OF U.S. PATENTS

Effective August 25, 2003

WHEREAS, HONEYWELL INTERNATIONAL INC., a Delaware corporation, having a place of business at 101 Columbia Road, Morristown, New Jersey 07962, previously known as AlliedSignal Inc., and prior to that, Allied-Signal Inc. (hereinafter "Assignor"), is the sole owner of the entire right, title and interest in and to the United States Letters Patent described in Schedule A, attached hereto and made a part hereof (the "Patents"); and

WHEREAS, Metglas, Inc., a Delaware corporation, having a place of business at 440 Allied Drive, Conway, South Carolina 29526 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor by these presents does hereby sell, assign and transfer all right, title and interest in and to the Patents, the inventions disclosed therein, all divisions, continuations and continuations-in-part thereof, and all patents issuing on any of the foregoing, and all reissues, reexaminations and extensions thereof, including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise, all said rights to be held and enjoyed by the Assignee for its own use and for the use of its successors, assigns or other legal representatives, to the full end of the term for which the Patents will be granted, reexamined, extended or reissued, as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and sale had not been made, and including the right to recover for past infringement.

Assignor does hereby authorize and request any official whose duty it is to issue Letters Patent, to issue any and all Letters Patent which may be granted upon any of the said applications, to said Assignee, or its successors or assigns, and to record the Assignee as the owner of the Patents.

Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, reexamining or reissuing the Patents, and for maintaining and perfecting Assignee's right to the Patents.

[Signature page follows.]

IN WITNESS WHEREOF, the parties hereto have each caused a duly authorized representative to execute this Assignment as of the date first above written.

HONEYWELL INTERNATIONAL INC.

By: _____
Name: MARTIN B. HELFANT
Title: AUTHORIZED OFFICER

State of ~~New Jersey~~ NY)
) ss.:
County of ~~Morris~~ NY)

On this 22nd day of August, 2003, before me, a Notary Public, personally appeared Martin Helfant to me known to be the authorized officer of HONEYWELL INTERNATIONAL INC. and also known to me to be the person who executed the foregoing assignment on behalf of HONEYWELL INTERNATIONAL INC. and acknowledged to me that such corporation executed the same.

_____
Notary Public

JOHN P. BONURA
Notary Public, State of New York
No. 01BO5086261
Qualified in New York County
Commission Expires October 6, 2005

ACCEPTED:

METGLAS, INC.

By: _____
Name: Taiji Yamada
Title: President