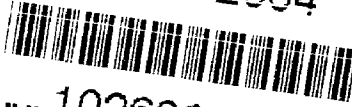


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01-06-2004

Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

RECORDATION 102639365
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John F. Allen; Gerhard E. Delf; Rhett Hedrick;
Kevin Blrch; Daniel BlackAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

ASSIGNMENT OF GERHARD DELF : DECEMBER 19, 2003
ASSIGNMENT OF JOHN ALLEN, RHETT HEDRICK,
KEVIN BIRCH, DANIEL BLACK
Execution Date: _____

2. Name and address of receiving party(ies)

Name: Honeywell International Inc.

Internal Address: _____

Street Address: 101 Columbia Road

City: Morristown State: NJ Zip: 07962

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

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

101743686

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) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ephraim Starr

Internal Address: _____

Street Address: Honeywell International Inc.

23326 Hawthorne Blvd., #200

City: Torrance State: CA Zip: 90505

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

01-1125

DO NOT USE THIS SPACE

9. Signature.

Ephraim Starr

Name of Person Signing

Signature

Dec. 19, 2003
DateTotal number of pages including cover sheet, attachments, and documents: ☐

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

17497 U.S. PTO
101743686

10743686

01/05/2004 LHWELLER 00000035 011125

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PATENT
REEL: 014846 FRAME: 0001

ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File No: **H0001409**

WHEREAS, **John Allen, resident of El Segundo, California, ~~Gerhard E. Delf, resident of New Baltimore, Michigan,~~ Rhett Hedrick, resident of Santa Monica, California, Kevin Birch, resident of Santa Barbara, California, and Daniel Black, resident of Santa Barbara, California,**

(hereinafter "Assignors") have invented certain new and useful improvements in

COMPRESSOR SURGE PROTECTOR FOR ELECTRIC ASSISTED TURBOCHARGER

(hereinafter "invention") for which Assignors are making or have made application for **LETTERS PATENT OF THE UNITED STATES**, which application has been duly executed by Assignors on even date herewith;

AND WHEREAS, Honeywell International Inc., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at Columbia Road and Park Avenue, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign **LETTERS PATENT** that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignors have assigned, sold and transferred, and do hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any **LETTERS PATENT** of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for **LETTERS PATENT** in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said **U.S. LETTERS PATENT** to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said **LETTERS PATENT** may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. And Assignors do hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said **U.S. LETTERS PATENT**, when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the invention hereby assigned, which title Assignors warrant unto the Assignee, and Assignors further agree that Assignors will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign **LETTERS PATENT** or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention, and for maintaining and perfecting the Assignee's right to said invention and **LETTERS PATENT** particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2003

Name: DANIEL BLACK

STATE OF California)
) ss.:
COUNTY OF Los Angeles)

On this ____ day of _____, 2003 before me personally appeared

to me known _____ proved to me on the basis of satisfactory evidence and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2003

Name: RHETT HEDRICK

STATE OF California)
) ss.:
COUNTY OF Los Angeles)

On this ____ day of _____, 2003 before me personally appeared

to me known _____ proved to me on the basis of satisfactory evidence and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2003

Name: KEVIN BIRCH

STATE OF California)
) ss.:
COUNTY OF Los Angeles)

On this ____ day of _____, 2003 before me personally appeared

to me known _____ proved to me on the basis of satisfactory evidence and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of DECEMBER, 2003

John F. Allen
Name: JOHN F. ALLEN

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.:

On this 19 day of DECEMBER, 2003 before me personally appeared

to me known ~~proved to me on the basis of satisfactory evidence~~ and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same.

[SEAL]



[Signature]
Notary Public

ASSIGNMENT

Allen et al.

TO

**HONEYWELL INTERNATIONAL
INC.**

**INVENTION:
COMPRESSOR SURGE
PROTECTION FOR A ELECTRIC
ASSISTED TURBOCHARGER**

**HONEYWELL INTERNATIONAL
FILE NO:
H0001409**

**Honeywell International Inc.
Ephraim Starr
23326 Hawthorne Blvd. Suite 200
Torrance, CA 90505**

ASSIGNMENT

THIS ASSIGNMENT, made by me, Gerhard Delf, a citizen of Germany, residing at 36851 Brewster Lane, New Baltimore, Michigan 48047, hereinafter referred to as assignor,

WITNESSETH: That,

WHEREAS, in connection with joint development work between Honeywell International, Inc. and Turbodyne Technologies, Inc., I contributed toward a number of inventions related to turbochargers (hereinafter, "the Inventions"), and at least some of the Inventions resulted in various patent applications being prepared and/or filed in the United States of America and foreign jurisdictions as set forth on Schedule I attached hereto (hereinafter, "the Applications"); and

WHEREAS, Honeywell International Inc. having a principal place of business at 101 Columbia Road, Morristown, New Jersey 07962 USA, hereinafter referred to as assignee, is desirous of acquiring ownership of all intellectual property rights assignor possesses in and to the Inventions and the Applications including those listed on Schedule I, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that in exchange for a one-time payment of \$75,000.00 which assignee hereby agrees to make to assignor on or about January 7, 2004 in exchange for this assignment, assignor has sold and by these presents does hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the Inventions and the Applications, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

Assignor hereby requests that said Letters Patent be issued in accordance with this



assignment.

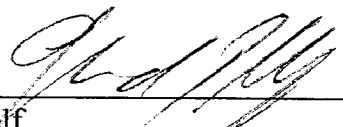
Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, assignor has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees that for any of the Inventions to which assignor may have contributed that are not disclosed in the Applications listed on Schedule I and that come to be known to assignee subsequent to execution of this assignment, assignor shall promptly assign to assignee any such inventions. Assignor agrees and acknowledges that the above-described consideration is sufficient and adequate for any such assignments that may be made for any such undisclosed inventions.

The previous paragraph notwithstanding, assignor hereby represents that there are no such undisclosed inventions and all inventions to which assignor contributed during the joint development work are hereby assigned to assignee.

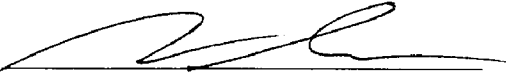
Assignor further covenants, and agrees to bind assignor's heirs, legal representatives, and assigns, promptly to communicate to said assignee or its representatives any facts known to assignor relating to the Inventions and/or Applications, to testify in any interference or legal proceedings involving the Inventions and/or Applications, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the Inventions in all countries and to vest in the assignee complete title to the Inventions and any patents issued therefor, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 19th day of DECEMBER, 2003.

 (SEAL)
Gerhard Delf

Agreed and accepted:

Honeywell International, Inc.

By: 
Name: Ephraim Starr
Title: Assistant Secretary

Date: December 19, 2003

SCHEDULE I

Patent No. Issue Date	Country	Application No. Filing Date mm/dd/year	Title
6,449,950 09/17/2002	U.S.	09/659,990 09/12/2000	Rotor and Bearing System for an Electrically Assisted Turbocharger
6,609,375 08/26/2003	U.S.	09/952,449 09/14/2001	Air Cooling System for Electric Assisted Turbocharger
application pending	U.S.	09/898,355 07/03/2001	Control System for Electric Assisted Turbocharger
inactive	PCT	PCT/US01/28234 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	PCT	PCT/US02/29066 09/13/2002	Air Cooling System for Electric Assisted Turbocharger
application pending	PCT	PCT/US02/20606 07/01/2002	Control System for Electric Assisted Turbocharger
application pending	Brazil	PI0113843-0 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	Hungary	P0301033 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	EP	01970727.2 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger

SCHEDULE I (continued)

Patent No. Issue Date	Country	Application No. Filing Date mm/dd/year	Title
application pending	Japan	2002-527663 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	S. Korea	2003-7003663 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	Mexico	PA/A/2003/002130 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	India	00399/DELNP/2003 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	Czech Republic	PV 2003-1026 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application pending	China	01815506.5 09/10/2001	Rotor and Bearing System for an Electrically Assisted Turbocharger
application not yet filed	U.S.	application executed on 12/19/2003	CENTER HOUSING DESIGN FOR ELECTRIC ASSISTED TURBOCHARGER
application not yet filed	U.S.	application executed on 12/19/2003	OIL PRESSURE DETECTOR FOR ELECTRIC ASSISTED TURBOCHARGER
application not yet filed	U.S.	application executed on 12/19/2003	COMPRESSOR SURGE PROTECTOR FOR ELECTRIC ASSISTED TURBOCHARGER

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

LOS ANGELES

} ss.

On DECEMBER 19, 2003 before me, SHERI N. WILSON, Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

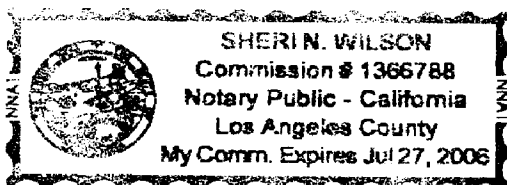
personally appeared GERHARD E. DELF
Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence

MICHIGAN LICENSE # D410275229412
EXPIRES 06/20/2006

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: DECEMBER 19, 2003 Number of Pages: 4

Signer(s) Other Than Named Above: NONE

Capacity(ies) Claimed by Signer

Signer's Name: GERHARD E. DELF

☒ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney-in-Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: SELF

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

