

3/28/05

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FORM PTO-1595 (REV. 6/04)

RE

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**Gary RHODES, Mamoru YAMASHITA,
Johann MITTERREITER, Mathias
TRESSENREITER AND Yoshiyuki
NAKAMURA**

Additional name(s) of conveying parties attached? ☐ Yes ☒ No

2. Name and address of receiving party:

Name: Dr. Johannes Heidenhain GmbH
Internal Address: _____
Street Address: Dr.-Johannes-Heidenhain-Strasse 5
City: D-83301 Traunreut
Country: Federal Republic of Germany
ZIP: _____

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

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Execution dates: **February 1, 2005, February 3, 2005,
January 24, 2005, January 24, 2005 and
February 3, 2005**

4. Application numbers or patent numbers:

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

A. Patent Applications:

10/996,253

B. Patent No.(s):

Additional Numbers attached? ☐ Yes ☒ No

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

Name: Richard L. Mayer, Esq.
Internal Address: KENYON & KENYON
Street Address: One Broadway
City: New York State: New York ZIP: 10004
CUSTOMER NO. 26646

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00

☐ Enclosed
☒ Authorized to be charged to deposit account

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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.

Richard L. Mayer (Reg. No. 22,490)

Name of Person Signing

Signature

Date

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PATENT
REEL: 016396 FRAME: 0211

ASSIGNMENT

WHEREAS, we,

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and

Yoshiyuki NAKAMURA
590-4, Nakatsu
Aikawamachi
Aiko-gun
Kanagawa-ken
Japan 243-0303
Citizenship: Japan

have made certain inventions and discoveries in **MODULAR ENCODER, METHOD OF PRODUCING A MODULAR ENCODER, AND SYSTEM FOR MEASURING ANGULAR MOVEMENT**, the specification of which was filed in the United States Patent and Trademark Office as U.S. Patent Application Serial No. 10/996,253 on November 23, 2004; and

WHEREAS **DR. JOHANNES HEIDENHAIN GmbH**, having a place of business at **Dr.-Johannes-Heidenhain-Strasse 5, D-83301 Traunreut, Federal Republic of Germany**, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosure, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 1st day
of February, 2005.



Gary RHODES

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 3rd day
of FEBRUARY, 2005.

Mamoru Yamashita.
Mamoru YAMASHITA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 24 day
of January, 2005.



Johann MITTERREITER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 24 day
of January, 2005.

Mathias Trese reit
Mathias TRESENREITER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 3rd day
of FEBRUARY, 2005.

Yoshiyuki Nakamura

Yoshiyuki NAKAMURA