U.S. PTO 29/288086 05/30/2007

U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 08/05) 06-11-2007 United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2008) uments or the new address(es) below. To the Director of the U.S. Patent an 103415434 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Masao KAWAUCHI 1. Mitsui Mining & Smelting Co., Ltd. and Tomonori NODA 2. Kyushu Seimitsu Kiki Co., Ltd. Shuichi YAMAMOTO Internal Address: Nozomu KITAJIMA Additional name(s) of conveying party(ies) attached? Yes X No Street Address: 1. 1-11-1, Osaki, Shinagawa-ku, Tokyo 3. Nature of conveyance/Execution Date(s): 2. 2086-1, Oaza Tousen, Omuta-shi, Fukuoka Execution Date(s) May 18, 2007 Assignment Merger City: Security Agreement Change of Name State: Joint Research Agreement Government Interest Assignment I. JAPAN Country: Zip: 1. 141-8584 2. 836-0003 2. JAPAN Executive Order 9424, Confirmatory License Other _ X This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No.(s) A. Patent Application No.(s) 29/288086 Additional numbers attached? Yes X No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 \$ 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) Name: Kent E. Baldauf Internal Address: The Webb Law Firm Authorized to be charged by credit card Authorized to be charged to deposit account X Enclosed (w/ filing fee) Street Address: 700 Koppers Building 436 Seventh Avenue None required (government interest not affecting title) 8. Payment Information City: Pittsburgh Zip: 15219 State: PA a. Credit Card Last 4 Numbers Phone Number: 412-471-8815 Expiration Date Fax Number: 412-471-4094 b. Deposit Account Number 23-0650 Email Address: webblaw@webblaw.com Authorized User Name May 30, 2007 9. Signature: THEUYEN2 00000102 29288086

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

Kent (E) Baldauf, Reg. No. 25,826

Name of Berson Signing

06/01/2007

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Total number of pages including cover

sheet, attachments, and documents:

ASSIGNMENT

WHEREAS, WE, Masao KAWAUCHI, Tomonori NODA, Shuichi YAMAMOTO, and Nozomu KITAJIMA, residing in Omuta-shi, Fukuoka JAPAN; Omuta-shi, Fukuoka JAPAN; Omuta-shi, Fukuoka JAPAN; and Shimonoseki-shi, Yamaguchi JAPAN, respectively, have invented certain new, original and ornamental designs in

"SPOKE FOR REEL"

for which we have this day executed an application for United States Letters Patent and for which a Japanese Design Patent Application was filed on November 30, 2006 bearing Design Application No. 2006-033091;

AND, WHEREAS Mitsui Mining & Smelting Co., Ltd., a corporation of JAPAN, having a place of business at 1-11-1, Osaki, Shinagawa-ku, Tokyo, 141-8584 JAPAN, and Kyushu Seimitsu Kiki Co., Ltd., a corporation of JAPAN, having a place of business at 2086-1, Oaza Tousen, Omuta-shi, Fukuoka, 836-0003 JAPAN, hereinafter called the "assignees", are desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignees, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignees the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignees to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignees or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignees or by counsel for said assignees, to assist or enable said assignees to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall

PATENT REEL: 019426 FRAME: 0620 be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignees.

Date May 18, 2007	Masao Kawauchi Masao KAWAUCHI
DateMay 18, 2007	Ryoleo Kanao Witness
Date May 18, 2007	Tomonori NODA
Date May 18, 2007	Ryoko Kanao Witness
Date May 18, 2007	Nhuichi Hamamoto. Shuichi YAMAMOTO
Date_ May 18, 2007	Witness Witness
Date May 18, 2007	Nozomu Kitajima Nozomu KITAJIMA
Date May 18,2007	Ryoko Kanao Witness

RECORDED: 05/30/2007

PATENT

REEL: 019426 FRAME: 0621