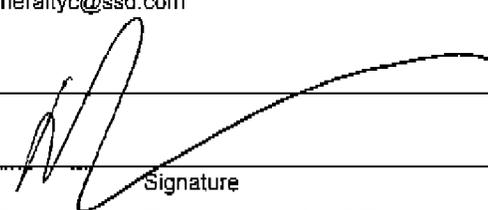


Form PTO-1595 (Rev. 08/08)
OMB No. 0651-0027 (exp. 9/30/2008)U.S. DEPARTMENT OF COMMERCE
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PATENTS ONLYAttorney Docket No. **058546.00038**To the Director of the U.S. Patent and Trademark Office
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| 1. Name of conveying party(ies) Tohoku Technoarch Co., Ltd. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 2. Name and address of receiving party(ies): Name: Sumitomo Heavy Industries, Ltd. Internal Address: Street Address: 1-1, Osaki 2-chome Shinagawa-ku City: Tokyo State: Country: Japan Zip: 141-6025 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s): April 16, 2009 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Security Agreement <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____ | | | |
| 4. Application or patent number(s): A. Patent Application No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | <input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) 7,502,127 | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Squire Sanders & Dempsey L.L.P. Internal Address: Street Address: 8000 Towers Crescent Drive, 14th Floor City: Vienna State: Virginia Zip: 22182-6212 Phone Number: (703) 720-7800 Fax Number: (703) 720-7802 Email Address: ipgeneralityc@ssd.com | | 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41)..... \$ 40.00 <input checked="" type="checkbox"/> Authorized to be charged to deposit account by reference the attorney docket number 058546.00038. <input type="checkbox"/> Enclosed. Check No. _____ <input type="checkbox"/> None required (government interest not affecting title) | |
| 9. Signature:  _____ Name of Person Signing | | 8. Payment Information Deposit Account Number: 50-2222 Authorized User Name: April 27, 2009 Date | |
| | | Total number of pages including cover sheet, attachments, and documents: 2 | |

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ASSIGNMENT

WHEREAS: The ASSIGNOR, Tohoku Technoarch Co., Ltd, 1-1, Katabira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577, of Japan is the co-owner of the entire interest in the invention disclosed in United States Letters Patent No. 7,502,127 issued March 10, 2009 by virtue of an assignment recorded at Reel No. 018473, Frame No. 0209, recorded on October 27, 2006; and

WHEREAS, the ASSIGNEE, Sumitomo Heavy Industries, Ltd., 1-1, Osaki 2-chome, Shinagawa-ku, Tokyo 141-6025 of Japan is desirous of acquiring the entire interest in said invention disclosed in United States Letters Patent No. 7,502,127;

WHEREAS, there is no other assignment, sale or encumbrance entered into previously by the ASSIGNOR which would in any manner affect this assignment;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: for good and valuable consideration, receipt of which is hereby acknowledged, said ASSIGNOR does hereby sell, assign, transfer and set over unto said ASSIGNEE its successors and assigns, all of ASSIGNOR'S worldwide right, title and interest in and to said invention in any country, including any continuations, divisionals, or reissues thereof.

Tohoku Technoarch Co., Ltd

By: H. Isako

Name: Hiroshi Isako

Title: President

Dated: April 16, 2009