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Form PTO-1595

HEET U.S. DEPARTMENT OF COMMERCE

RE((Rev. 9-04) 102953702 OMB No. 0651-0027 (exp. 6/30/05) To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies)/Execution Date(s): Name: Siltronic AG Yutaka Kishida, Teruyuki Tamaki Internal Address:_ Execution Date(s): December 15, 2004 Street Address: Hanns-Seidel-Platz 4 Additional names of conveying parties attached? ___ Yes _X_ No 3. Nature of conveyance: State: City: Münich x Assignment Merger Security Agreement Change of Name Country: Germany Zip: Government Interest Assignment Additional names, addresses, or citizenship attached? Yes X No Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/020,858; filed December 22, 2004 Additional numbers attached? ____ Yes _X _ No 5. Name and address of party to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: One Name: William G. Conger 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Brooks Kushman P.C. Authorized to be charged by credit card Street Address: 1000 Town Center Authorized to be charged to Deposit Account Twenty-Second Floor None required (government interest not affecting title) City: Southfield 8. Payment information: State: ____MI ____ Zip: 48075-1238 _____ Last 4 Numbers _____ a. Credit Card Phone Number: (248) 358-4400 Expiration Date _____ Fax Number:_ (248) 358-3351 b. Deposit Account Number _____ Email Address: Authorized User Name _ 9. Signature: William G. Conger Name of Person Signing Total number of pages including cover sheet, attachments, and document: 03/04/2005 DBYRNE 00000046 1102D858 40.00 DP 01 FC:8021

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ASSIGNMENT

For good and valuable consideration, receipt of which acknowledged, we, Yutaka Kishida and Teruyuki Tamaki of 7-11-1-303 Mitsui, Hikari, Yamagushi, 743-0011, Japan and 1-13-1 Senbodai, Hikari, Yamaguchi, 743-0012, Japan, respectively, do hereby assign, sell and set over to Siltronic AG, a corporation of Germany, located at Hanns-Seidel-Platz 4, 81737 Münich, Germany, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

Crucible for the Growth of Silicon Single Crystal and Process for the Growth Thereof

including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: 2004, 12, 15

Yutaka Kishida

Feruyuke Famake

Teruyuki Tamaki Date: 2004. 12.15

PATENT RECORDED: 03/01/2005 REEL: 016321 FRAME: 0594