

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALAN FREDERICK ARNOLD	09/22/2014
TAKASHI SUGAWARA	10/10/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14549899
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NAME OF SUBMITTER:	ANTONY P. NG
SIGNATURE:	/Antony P. Ng/
DATE SIGNED:	11/21/2014
Total Attachments: 2	
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source=JP920130049-US-NP_Assignment-Declaration_executed#page2.tif	

**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Title of Invention: METHOD FOR UPDATING FIRMWARE OF AN ELECTRONIC DEVICE
WITHIN A COMPUTER

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

United States application or PCT international application number _____ filed
on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the
application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information
known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and
discoveries (herein referred to as the "Invention") disclosed in the above-identified patent
application and further identified by the LENOVO Docket Number provided above in the header of
this document;

Whereas, LENOVO (SINGAPORE) PTE. LTD, a corporation of Singapore having a place of business at
151 Lorong Chuan, #02-01 New Tech Park, Singapore 556741 (herein referred to as "LENOVO"),
desires to acquire, and each undersigned inventor desires to grant to LENOVO, the entire
worldwide right, title, and interest in and to the Invention and in and to any and all patent
applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being
hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or
has assigned, and otherwise transfers or has transferred to LENOVO (the "ASSIGNEE"), its
successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and
to the Invention, the above-identified United States patent application, and any and all other patent
applications and patents for the Invention which may be applied for or granted therefor in the
United States and in all foreign countries and jurisdictions, including all divisions, continuations,
reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof,
and all rights of priority resulting from the filing of such applications and granting of such patents.
In addition, each undersigned inventor hereby authorizes and requests the Director of the United
States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities
to issue any foreign patent, granted for the Invention, to LENOVO, its successors, legal
representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be
held and enjoyed by LENOVO, its successors, legal representatives, and assigns to the full end of the

terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in LENOVO, its successors, legal representatives, and assigns, whenever requested by LENOVO, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to LENOVO and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants LENOVO, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of Singapore, and any disputes will be resolved in a Singapore court or federal court sited in Singapore.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: **ALAN FREDERICK ARNOLD**

Signature: *Alan Frederick Arnold* Date: 9-22-2014

(2) Legal Name of Inventor: **TAKASHI SUGAWARA**

Signature: *T. Sugawara* Date: 10-10-2014