

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dirk Balfanz	03/12/2007
Philippe J. Golle	03/12/2007
Diana K. Smetters	03/12/2007
Glenn E. Durfee	03/12/2007
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11686771
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PATENT
REEL: 019020 FRAME: 0899

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ATTORNEY DOCKET NUMBER:	20070041-US-NP-9841-050
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NAME OF SUBMITTER:	Julie L. Reed
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Total Attachments: 1 source=Assignment#page1.tif

Attorney Docket No. 20070041-US-NP-9841-050

ASSIGNMENT

The undersigned are the named inventors (the "Inventors") on a United States patent application entitled **FAST AUTHENTICATION OVER SLOW CHANNELS** (the "Application") for inventions disclosed or claimed therein (the "Invention"),

which Application:

- ☐ is being executed concurrently herewith,
☐ was first executed on _____
☒ was filed on 3-15-07 as Application Number 11/686,771.
☐ claims the benefit of U.S. Provisional Application(s) No(s) _____ filed _____.

Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled, as a co-assignee, to all rights in the Application and the Invention, and the full cooperation of the Inventors.

Samsung Electronics Co., Ltd., on behalf of itself, its successors and assigns, and its legal representatives ("Samsung"), is entitled, as a co-assignee, to all rights in the Application and the Invention, and the full cooperation of the Inventors.

For valuable consideration, the receipt of which is hereby acknowledged, the Inventors hereby sell, assign, and transfer to PARC and Samsung, as co-assignees, the entire and exclusive right, title and interest in the Application and the Invention, in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC and Samsung;
- (2) agree that PARC and Samsung may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC and Samsung; and
- (4) authorize PARC and Samsung to subsequently enter the Application Number on this Assignment, if not already entered above.



Dirk Balfanz

Date 3/12/07



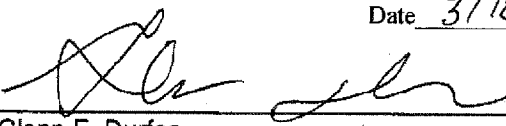
Philippe J. Golle

Date 3/12/2007



Diana K. Smetters

Date 3/12/2007



Glenn E. Durfee

Date 3/12/07

PATENT**RECORDED: 03/15/2007****REEL: 019020 FRAME: 0901**