. (0.32	Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)  To the Director of the U.S. Patent  1. Name of conveying party(iex Michael M. Lee	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office  ET    documents or the new address(es) below.
5	Additional name(s) of conveying party(ies) attached?  Yes No.  3. Nature of conveyance/Execution Date(s):  Execution Date(s) September 21, 2007  Assignment  Merger  Security Agreement  Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	Internal Address:  Street Address: 1 Infinite Loop  City: Cupertino  State: CA  Country: USA Zip: 95014  Additional name(s) & address(es) attached?  Yes No
/10/2007 Di FC:8021	A. Patent Application No.(s)  YRNE 00000292 061075 11906003  40.00 DA Additional numbers	document is being filed together with a new application.  B. Patent No.(s)  attached?  Yes No
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	Name: Sahmon Torabi	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
	Internal Address: Ropes & Gray LLP  Street Address: 1211 Avenue of the Americas	<ul> <li>☐ Authorized to be charged by credit card</li> <li>☑ Authorized to be charged to deposit account</li> <li>☐ Enclosed</li> <li>☐ None required (government interest not affecting title)</li> </ul>
	City Now York	8. Payment Information
	City: New York  State: New York  Zip: 10036	a. Credit Card Last 4 Numbers
	Phone Number: <u>650.617.4000</u>	Expiration Date
	Fax Number: 212.596.9090	b. Deposit Account Number 101/P4876US1)
	Email Address: sahmon.torabi@ropesgray.com	Authorized User Name
•	9. Signature: Signature	September 28, 2007  Date
	Sahmon Torabi  Name of Person Signing	Total number of pages including cover sheet, attachments, and document:

U.S. PTO

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Name of Person Signing

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104677-0060-101 (P4876US1)

## ASSIGNMENT

WHEREAS I, Michael M. Lee, residing at 5107 Paseo Olivos, San Jose, California 95130; have made an invention entitled:

## SECURITY USING ELECTRONIC DEVICES

and am about to make application for United States Letters

Patent therefor, the same having been executed by me on even
date herewith; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any

> PATENT REEL: 019951 FRAME: 0816

reissues and extensions of the same; and I hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said Apple Inc., as the assignee of the entire interest therein; and I further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, I have hereunto signed my name on the date indicated hereinafter.

9-21-07

Michael M. Jee

**PATENT** REEL: 019951 FRAME: 0817

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
Name of conveying party(ies)     Michael M. Lee	2. Name and address of receiving party(les)  Name: Apple Inc.  Internal Address:	
Additional name(s) of conveying party(les) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) September 21, 2007  Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	Street Address: 1 Infinite Loop  City: Cupertino  State: CA  Country: USA Zip: 95014  Additional name(s) & address(es) attached?  Yes  No	
A. Patent Application No.(s)	DUPLICATE	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
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O' New York	None required (government interest not affecting title)	
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Phone Number: 650.617.4000  Fax Number: 212.596.9090  Email Address: sahmon.torabi@ropesgray.com	Expiration Date	
9. Signature: Show Sh	September 28, 2007	
Sahmon Torabi  Name of Person Signing	Date  Total number of pages including cover sheet, attachments, and document:  3	

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