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103061046 EET PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
Daniel T. Ross	Name: Verifone Holdings, Inc.		
Donn D. Gooch Simon Chang	Internal Address: Suite 600		
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: 2000 Cateuray Place (900		
3. Nature of conveyance/Execution Date(s): Execution Date(s) August 2, 2005	Street Address: 2099 Gateway Place 50		
X Assignment Merger	Street Address: 2099 Gateway Place 900 100 100 100 100 100 100 100 100 100		
	City: San Jose		
Security Agreement Change of Name Joint Research Agreement	State California		
Government Interest Assignment	State: California		
Executive Order 9424, Confirmatory License	Country: <u>USA</u> Zip: <u>95110-1093</u>		
Other	Additional name(s) & address(es) attached? Yes X No		
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)		
Additional numbers attached? Yes X No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name:Owen W. Dukelow	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Internal Address: Kolisch Hartwell, P.C.	Authorized to be charged by credit card		
	Authorized to be charged to deposit account		
reet Address: 520 S.W. Yamhill Street, Suite 200			
	None required (government interest not affecting title)		
City: Portland	8. Payment Information		
State: Oregon Zip: 97204	a. Credit Card Last 4 Numbers Expiration Date		
Phone Number: (503) 224-6655			
Fax Number: (503) 295-6679	b. Deposit Account Number		
Email Address: owen@khpatex1.com	Authorized User Name		
9. Signature:	August 8, 2005		
	, iddact c, =000		
Signature	Date		
Signature Owen W. Dukelow			

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 KH File: VFN 310 08/12/2005 EI:00PER 00000001 11199681

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> **PATENT REEL: 016828 FRAME: 0589**

<u>ASSIGNMENT</u>

WHEREAS, we, Daniel T. Ross of Los Altos, California, Donn D. Gooch of

Milpitas, California, and Simon Chang of Fremont, California, have invented certain

improvements in THERMAL INTERFACE, for which we will file a U.S. Utility patent

application herewith; and

WHEREAS, VeriFone Holdings, Inc., a Delaware Corporation, having its

principal place of business in San Jose, California, is desirous of acquiring an interest

therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and

sufficiency of which hereby are acknowledged, we, Daniel T. Ross, Donn D. Gooch, and

Simon Chang, have sold, assigned, and transferred, and do hereby sell, assign, and

transfer, to VeriFone Holdings, Inc., its successors and assigns, the full and exclusive

right to the invention in the United States and its territorial possessions and in all foreign

countries, and the entire right, title, and interest in and to any and all Letters Patent that

may be granted therefor in the United States and its territorial possessions and in any and

all foreign countries, and in and to any and all divisions, continuations, reissues,

substitutions, and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States

and any and all foreign countries to issue any and all of said Letters Patent, when granted,

to VeriFone Holdings, Inc., as the assignee of our entire right, title, and interest in and to

the same, for the sole use of VeriFone Holdings, Inc., and its successors and assigns.

ASSIGNMENT TO VeriFone Holdings, Inc. Page 1 -

REEL: 016828 FRAME: 0590

Further, we hereby covenant and agree to and with VeriFone Holdings, Inc., and its successors and assigns, at the time of execution and delivery of these presents, that we are the sole and lawful owner of the entire right, title, and interest in and to the invention, and that the same are unencumbered, and that we have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, we agree that we will communicate to VeriFone Holdings, Inc., or its representatives, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to VeriFone Holdings, Inc., make all rightful oaths, and generally do everything possible to aid VeriFone Holdings, Inc., and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of August, 2005.

Witness:

Signature:

Name: Jean-Marc

2099 Gateway Pl Suite Lon

City & State: San Jose, Ca 95/10

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PATENT REEL: 016828 FRAME: 0591

IN TESTIMONY WHEREOF, I have hereunto set my hand this
day of <u>August</u> , 2005. Donn D. Gooch
Witness: Signature:
Name: Jean-Mara Delbecj
Address: 2099 Gateway Pl, Suite Goo
City & State: San Jose (a 95110 IN TESTIMONY WHEREOF, I have hereunto set my hand this
day of, 2005
Simon Chang
Witness: Signature: On All Delbeck Name: Jean- Marc Delbeck
Address: 2099 Gate Way P, Ste 600
City & State: San Jose (a 95110

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RECORDED: 08/08/2005