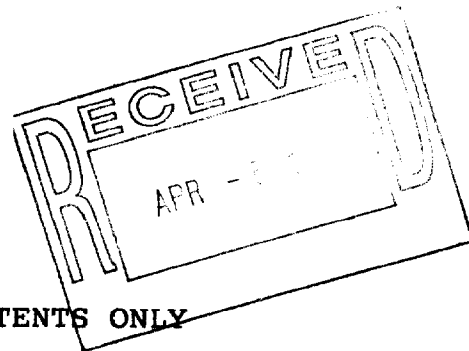


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Please record the attached original documents or copy thereof.

1. Names of Conveying Parties:

VeriFone, Inc.

Additional names of conveying parties attached? NO

2. Name and address of receiving party or parties:

Hewlett-Packard Company
P.O. BOX 10301
Palo Alto, California 94303-0890

Additional name(s) & address(es) attached? NO

3. Nature of Conveyance: ASSIGNMENT

Execution Dates: March 29, 1999

4. Application Number(s) or patent number(s):

A. Patent Application No.(s): 08/578,718

B. Patent Number(s): NONE

Additional numbers attached? NO

04/08/1999 DMGUYEN 00000219 08578718

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40.00 DP

5. Name and address of party to whom correspondence concerning document should be mailed:

Lowell C. Bergstedt
350 Bay St., Suite 100, Box 352
San Francisco, California 94133

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

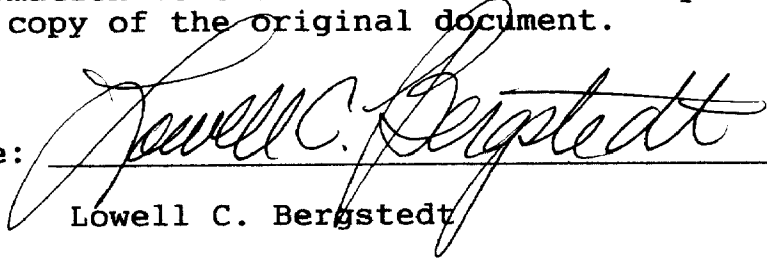
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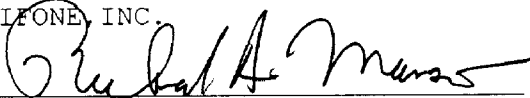
ASSIGNOR: VeriFone, Inc., a Delaware corporation, having its principal place of business in Santa Clara, California;

ASSIGNEE: Hewlett-Packard Company, a Delaware corporation, having its principal place of business in Palo Alto, California;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and convey to ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under each of the application (herein "APPLICATION") for Letters Patent of the United States identified in Exhibit A hereto, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for said APPLICATION, and any and all Letters Patent of the United States and of countries foreign to the United States which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent, subject only to any outstanding license or other right previously granted or conveyed to any third party.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be executed by a duly authorized officer of ASSIGNOR on the date indicated below and delivered to ASSIGNEE.

VERIFONE, INC.

By 

Date: March 29, 1999

Name: Richard A. Manso

Title: Assistant Secretary & Associate General Counsel