Form PTO-1595

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
   Paul C. Kocher, Joshua M. Jaffe, Benjamin C. Jun

   1-18-02

Additional name(s) of conveying party(ies) attached? [ ] Yes [ ] No

3. Nature of conveyance:
   - [ ] Assignment
   - [ ] Merger
   - [ ] Security Agreement
   - [ ] Change of Name
   - [ ] Other

Execution Date: Jan. 10, 2002; Jan. 14, 2002; Jan. 10, 2002

4. Application number(s) or patent number(s):
   If this document is being filed together with a new application, the execution date of the application is:

   A. Patent Application No.(s) 10/005,105
   B. Patent No.(s) ____________________________

   Additional numbers attached? [ ] Yes [ ] No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Joseph Yang, Ph.D.
   Internal Address: Skadden, Arps, Slate, Meagher & Flom LLP
   Street Address: 525 University Avenue
   City: Palo Alto, State: CA, Zip: 94301

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $40.00
   - [ ] Enclosed
   - [ ] Authorized to be charged to deposit account

8. Deposit account number
   19-2385

9. Signature:

   Joseph Yang, Ph.D.
   Name of Person Signing
   Signature
   January 18, 2002
   Date

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 012558 FRAME: 0761
ASSIGNMENT OF PATENT APPLICATION

THIS ASSIGNMENT, by Paul C. Kocher, Joshua M. Jaffe and Benjamin C. Jun (hereinafter referred to as "the Assignors"), residing at 143 Fillmore Street, San Francisco, California 94117; 1803 Church St., San Francisco, California 94117; and 1081 D Tanland Drive, Palo Alto, California 94303, respectively, witnesses:

WHEREAS, the Assignors have invented certain new and useful improvements in "Differential Power Analysis Method and Apparatus" set forth in an application for Letters Patent of the United States having an oath or declaration executed on even date herewith;

x bearing Serial No. 10/005,105 and filed on December 3, 2001; and

WHEREAS, Cryptography Research, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 607 Market Street, 5th Floor, San Francisco, California 94105 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar ($1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all divisions, continuations, continuations-in-part and substitutes of said application, and reissues and extensions of said Letters Patent or Patents, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts and treaties, including all future international conventions, unions, agreements, acts and treaties, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title and interest in and to the inventions and application for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives and assigns, that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is
lawful and desirable, or that any division, continuation, continuation-in-part or substitute of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, testify in any legal or quasi legal proceedings and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives and assigns.

Date 10 Jan 2002  Name of Assignor  
Paul C. Kocher

Date 10 Jan 2002  Name of Assignor  
Bryan C. Jarr, Joshua M. Jaffe

Date 14 Jan 2002  Name of Assignor  
Joshua M. Jaffe, Benjamin C. Jarr