Docket No. 44424162-0169

Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)  RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Director of the U.S. Patents and Trademarks: Please record the attached documents or the new address(es) below.	
<ol> <li>Name of conveying parties and execution dates:</li> <li>Paul C. Kocher March 31, 2008</li> <li>Joshua M. Jaffe April 1, 2008</li> <li>Benjamin C. Jun March 31, 2008</li> <li>Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No</li> </ol>	2. Name and address of receiving party(ies):  Cryptography Research, Inc. 575 Market Street, Suite 1100 San Francisco, California 94105
3. Nature of conveyance:  Assignment	Untied States of America  Additional name(s) & address(es) attached? □ Yes ☒ No
Application patent number(s):	is being filed together with a new application.  B. Patent No.(s)
11/978,364 Additional numbers a	ttached 🗌 Yes 🗵 No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Edward J. Radlo Sonnenschein Nath & Rosenthal LLP Post Office Box 061080 Wacker Drive Station Sears Tower Chicago, Illinois 60606-1080	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
(415) 882-2402 direct (415) 882-0300 facsimile eradlo@sonnenschein.com	8. Payment Information  a. Credit Card Last 4 Numbers 1005 Expiration Date July 2010  b. Deposit Account Number 19-3140 Authorized User Name Edward J. Radlo
9. Signature:  Edward J. Radlo, No. 26,793  Name of Person Signing  Sig	A Hade Cycl 9, 2008 mature Date
Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

cc: IP/T docket CH (w. encl.)
J. Yang ( " ) (DPA-OMNI-CON2 (UPI))

**PATENT REEL: 020795 FRAME: 0579** 

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Assignment

## ASSIGNMENT

WHEREAS: KOCHER, Paul C., a citizen of the United States of America, residing at 48 Pierce Street, San Francisco, CA 94117 United States of America; JAFFE, Joshua M., a citizen of the United States of America, residing at 1070 Church Street, Apt. 209, San Francisco, CA 94114 United States of America; and JUN, Benjamin C., a citizen of the United States of America, residing at 5332 Boyd Avenue, Oakland, CA 94618 United States of America (hereinafter collectively referred to as ASSIGNORS) have jointly made a certain new and useful invention (hereinafter referred to as INVENTION) as set forth in an application for United States Letters Patent entitled

## "DIFFERENTIAL POWER ANALYSIS"

application number 11/978,364, filed October 29, 2007 (hereinafter referred to as APPLICATION);

WHEREAS, Cryptography Research, Inc., organized and existing under the laws of the State of California, having a place of business at 575 Market Street, Suite 1100, San Francisco, CA 94105, United States of America (hereinafter referred to as ASSIGNEE) is desirous of acquiring the full and exclusive right, title and interest in, to and under the INVENTION and the APPLICATION;

**NOW THEREFORE,** for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title, and interest in the United States (including its territories and dependencies) and all countries foreign thereto in, to, and under the INVENTION, the APPLICATION, and any other United States applications (including provisional, nonprovisional, divisional, continuing and reissue applications, and any applications claiming priority from the APPLICATION) based in whole or in part on the APPLICATION or in whole or in part on the INVENTION, and any patents (including extensions thereof) of any country that have been or may be granted on any of the aforesaid applications or on the INVENTION or any part thereof, and any right to priority to the APPLICATION;

Each ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States of America to issue any and all United States Patents that may be granted on the aforesaid applications or on the INVENTION or any part thereof, in the name of ASSIGNEE;

Each ASSIGNOR hereby grants the attorney of record the power to insert on this agreement any further identification that may be necessary to desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

Each ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this sale, assignment and transfer, and that the ASSIGNOR has the rights, titles, and interests to convey as set forth herein; AND

Each ASSIGNOR further covenants that upon ASSIGNEE's request they will provide promptly to ASSIGNEE all pertinent facts and documents relating to the aforesaid applications

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Assignment

and the INVENTION as may be known and accessible to each ASSIGNOR, and each ASSIGNOR will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE, or its legal representatives, or its successor without further consideration any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the aforesaid applications that may be deemed necessary or desirable by ASSIGNEE to carry out the purposes hereof.

Paul C. KOCHER

Joshu M. JAFFE

Benjamin C. JUN

3/31/68

data of sharestown

date of signature

**RECORDED: 04/09/2008**