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RECORDATION F

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TENTS ONLY

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1. Name of conveying party(ies):

Matthew Franklin

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: University of California Davis

Street address: 1111 Franklin Street, 5h Floor

City: Oakland

State: CA

Zip: 94607-5200

Country: United States

Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

☒ Assignment☐ Joint Research Agreement☐ Security Agreement☐ Government Interest Assignment☐ Merger☐ Executive Order 9424m Confirmatory License☐ Change of Name☐ OtherExecution Date(s): 7/12/2006

4. Application or patent number(s):

A. Patent Application No.(s)

A. Patent No.(s)

11/431410

☐ This document is being filed together with a new application.Additional numbers attached? ☐ Yes ☒ No

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

Name: LUMEN Intellectual Property Services, Inc.

Street address: 2345 Yale Street, Second Floor

City: Palo Alto

State: CA

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Country: USA

Phone No.: 650-424-0100

Fax No.: 650-424-0141

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41): \$40

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Thomas J. McFarlane

Date

7/31/06

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ASSIGNMENT

WHEREAS, I/WE:

Matthew Franklin, an US citizen, and residing at 65 Forest Lane, Berkeley, CA 94708

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1) For valuable consideration, the receipt and adequacy of which receipt is
acknowledged, I/we, the above-named Assignor(s), each sell and assign to **The Regents
of the University of California, A California Corporation**, having it's address at the
**Office of Technology Transfer, University of California, 1111 Franklin Street, 12th
Floor, Oakland, CA 94607-5200**, hereinafter "Assignee", the entire right title and
interest in and to the invention or inventions as described in US Patent Application,
11/431410, entitled **Systems and Methods for Identity-Based Encryption and Related
Cryptographic Techniques**, filed **5/9/2006**, and naming Assignor(s) as inventor(s), and
to any and all applications for patent and patents in any and all countries relating to said
invention(s), including all divisions, continuations, reissues and extensions thereof, and
including all domestic and foreign rights of priority resulting from the filing of said US
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2) I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or
will be made or entered into which would conflict with this assignment, and that at the
time of execution and delivery of this assignment, I/we are the sole lawful owner(s) of the
entire right, title and interest in and to said invention(s).

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3) I/we hereby agree that Assignee may apply for foreign patents relating to said
invention(s) and irrevocably authorize Assignee and grant Assignee the sole right to do
so.

4) I/we agree that on request and without further consideration, but at the expense of Assignee, I/we will sign all lawful papers, make all rightful oaths, and testify in any legal proceedings relating to said invention(s), and generally aid Assignee, or its successors, assigns, or nominees, to obtain and enforce proper patent protection for said invention(s)

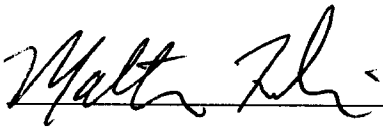
5 in any and all countries.

5) I/we authorize and request any official whose duty it is to issue patents to issue any patent on said invention(s) or resulting therefrom to Assignee, or its successors, assigns, or nominees.

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Matthew Franklin:

Signature:



Date:

7/12/06

15