

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



03-20-2000

U.S. Patent & TMO/TM Mail Rpt Dt. #26

04-07-2000



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RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New

☐ Resubmission (Non-Recordation)
Document ID#

☐ Correction of PTO Error
Reel # Frame #

☐ Corrective Document
Reel # Frame #

Conveyance Type

☐ Assignment ☒ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☒ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

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Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

04/07/2000 DMGUYEN 00000013 08963039

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320.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

REEL: 010653 FRAME: 0983

Correspondent Name and Address

Area Code and Telephone Number 800-833-9848

Name Tonya Chapple

Address (line 1) C/O CSC

Address (line 2) 80 State St.

Address (line 3) Albany NY 12207

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

35

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

08963039 09287144 09390552

09151036 60137875 09491929

09287142 09327232

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties

Enter the total number of properties involved. # 8

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 320.00

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes ☐ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Zachary J. Shulman

Name of Person Signing

[Signature]
Signature

3/15/2000
Date

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Enter additional Conveying Parties

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

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Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

Name (line 1)

Name (line 2)

Address (line 1)

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Name (line 1)

Manufacturers Life Ins. Co. (U.S.A.), The

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Name (line 2)

c/o MF Private Capital, Inc.

Address (line 1)

Suite 600

Address (line 2)

45 Milk Street

Address (line 3)

Boston

City

MA

State/Country

02109

Zip Code

Name (line 1)

Commonwealth Capital Ventures II, L.P.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

20 William Street

Address (line 2)

Suite 225

Address (line 3)

Wellesley

City

MA

State/Country

02481

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

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Name (line 1)

CCV II Associates L.P.

Name (line 2)

Address (line 1)

20 William Street

Address (line 2)

Suite 225

Address (line 3)

Wellesley

City

MA

State/Country

02481

Zip Code

Name (line 1)

Wheatley Partners, L.P.

Name (line 2)

Address (line 1)

80 Cutter Mill Road

Address (line 2)

Suite 311

Address (line 3)

Great Neck

City

NY

State/Country

11021

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MEMORANDUM OF PATENT SECURITY INTEREST

This Memorandum is dated as of March __, 2000, between Spike Technologies, Inc., a Delaware corporation (the "Patent Owner"), having a place of business at Mill Yard Technology Park, 11 Pine Street Extension, Nashua, NH 03060, and Sandler Capital Partners IV, L.P. (the "Secured Party"), on behalf of itself and the other investors party to the Note Purchase and Security Agreement dated as of February 23, 2000, as from time to time in effect (the "Note Purchase Agreement"), among the Patent Owner, certain lenders party thereto and the Secured Party, having a place of business at 767 Fifth Avenue, 45th Floor, New York, New York 10153.

1. Pursuant to the Note Purchase Agreement, the Patent Owner has granted to the Secured Party a security interest in certain patents and applications therefor listed in Exhibit A attached hereto and made a part hereof, together with the registrations thereof and other applications filed with respect to the inventions covered thereby, or as a continuation-in-part, or division of any application mentioned above, or for reissue of any patent mentioned above or granted on an application mentioned above, and any United States patent issuing on any patent application mentioned above (collectively, the "Collateral").
2. The Patent Owner is the exclusive owner of all rights in the Collateral, including all right, title and interest in and to any cause of action that has previously arisen or that may arise with respect to unconsented use or infringement of the inventions embodied in the patents and patent applications mentioned above. The Patent Owner has the capacity to grant to the Secured Party the security interests granted under the Note Purchase Agreement.

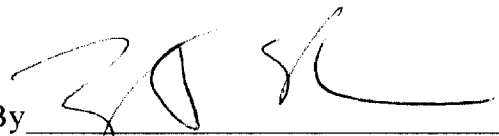
The Patent Owner and the Secured Party have executed this Memorandum effective as of the date first above written.

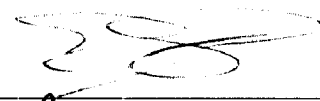
Patent Owner:

Secured Party:

SPIKE TECHNOLOGIES, INC.

SANDLER CAPITAL PARTNERS IV, L.P., on
behalf of the investors party to the Note Purchase
Agreement referred to above

By 
Title: General Counsel

By 
Title: President

8201503

SPIKE TECHNOLOGIES, INC.

PATENTS		
Title	Date Filed	Serial #
Apparatus for High-Performance Sectorized Antenna System	11/03/97	08/963,039
High-Performance Sectorized Antenna Using Low Profile Broadband Feed Devices	09/10/98	09/151,036
Point-to-Multipoint Two-Way Broadband Wireless Communication System	04/06/99	09/287,144
Method for Determining an Optimum Sector Distribution within a Coverage Area of a Wireless Communication	04/06/99	09/287,142
Multibeam Sectorized Antenna Systems	06/07/99	60/137,875
Remote Controlled Programmable Receiver	06/07/99	09/327,232
Apparatus for High-Performance Sectorized Antenna System	09/03/99	09/390,552
Hybrid Cable/Wireless Communication Systems and Methods	01/27/00	09/491,929