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To the Director of the U.S. Patent and Trademark Office, or the new address(es) below.

1. Name of conveying party(ies)

DANIEL THEOBOLD
JOSHUA ARNSTEIN
JAMIE G. MICHAEL
SCOTT ERIC KULBERGAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: VECNA

Internal Address:

Street Address: 5004 Lehigh Road

City: College Park

State: MD

Country: USA Zip: 20740

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

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

Execution Date(s) 3/30/2006

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

(to be assigned)

04/03/2006 AKELECH1 00000066 11393577

01 FC:021

(40.00 OP)

Additional numbers attached? ☐ Yes ☐ No

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

Name: David C. Schwartz

Internal Address:

Street Address: VECNA

36 Cambridge Park Drive

City: Cambridge

State: MA

Zip: 02140

Phone Number: 617-864-0636

Fax Number: 617-864-0638

Email Address: dschwartz@vecna.com

6. Total number of applications and patents involved:

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

☐ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 8748

(See attached) Expiration Date 02/09

b. Deposit Account Number

Authorized User Name

9. Signature:

Signature

DAVID C. SCHWARTZ

Name of Person Signing

3/30/2006
Date

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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16

Assignment of Invention and Patent Application

For value received, of \$1.00

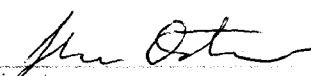
X JOSHUA ORNSTEIN
of Cambridge MA 100 Memorial Dr.
< address > Cambridge, MA

(hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto
VECNA 5804 College Park Rd College Park MD 20740
of 36 Cambridgepark Dr, Cambridge MA 02142
and her or his successors or assigns (hereinafter ASSIGNEE) 100 % of the following: (A) ASSIGNOR'S
right, title, and interest in and to the invention entitled " MOBILE ROBOT PLATFORM "

invented by ASSIGNOR; (B) the application for United States patent therefor, signed by ASSIGNOR on
3/27/2006 U.S. Patent and Trademark Office Serial Number to be assigned,
filed 3/30/2006 ; (C) any patent or reissues of any patent that may be granted
thereon; and (D) any applications which are continuations, continuations-in-part, substitutes, or divisions
of said application. ASSIGNOR authorizes ASSIGNEE to enter the date of signature and/or Serial Number
and Filing Date in the spaces above. ASSIGNOR also authorizes and requests the Commissioner for
Patents to issue any resulting patent(s) as follows: 000 % to ASSIGNOR and 100 %
to ASSIGNEE. (The singular shall include the plural and vice versa herein.)

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, the above percentage
of ASSIGNOR'S entire right, title, and interest in and to said invention in each and every country foreign
to the United States; and ASSIGNOR further conveys to ASSIGNEE the above percentage of all priority
rights resulting from the above-identified application for United States patent. ASSIGNOR agrees to
execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE'S expense,
as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of
the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the
validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

X 
Signature

3/27/2006
Date


JOSHUA ORNSTEIN
Signature

Date

Witnessed by:

X Laura Clifford
Signature

3/27/2006
Date

X 
Signature

3/27/2006
Date

Assignment of Invention and Patent Application

For value received \$1,000

Daniel Theobald
of Somerville MA 11 50 White Street
Address > Somerville, MA 02144

(hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto
VELMA 5004 Lehigh Ave, College Park MD 20740 w/Research Office
of 36 Cambridgeport Drive, Cambridge MA 02142
and her or his successors or assigns (hereinafter ASSIGNEE) 100% of the following: (A) ASSIGNOR'S
right, title, and interest in and to the invention entitled "MOBILE ROBOT PLATFORM"

X invented by ASSIGNOR; (B) the application for United States patent therefor, signed by ASSIGNOR on
U.S. Patent and Trademark Office Serial Number to be assigned
filed 3/30/2006; (C) any patent or reissues of any patent that may be granted
thereon; and (D) any applications which are continuations, continuations-in-part, substitutes, or divisions
of said application. ASSIGNOR authorizes ASSIGNEE to enter the date of signature and/or Serial Number
and Filing Date in the spaces above. ASSIGNOR also authorizes and requests the Commissioner for
Patents to issue any resulting patent(s) as follows: 000 % to ASSIGNOR and 10000 %
to ASSIGNEE. (The singular shall include the plural and vice versa herein.)

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of ASSIGNOR'S entire right, title, and interest in and to said invention in each and every country foreign
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rights resulting from the above-identified application for United States patent. ASSIGNOR agrees to
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as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of
the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the
validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

X Daniel Theobald
Signature
DANIEL Theobald
Signature

28 MAR 2006
Date

Date

Witnessed by:

X [Signature]
Signature
X Laura Clifford
Signature

28 MARCH 2006
Date

3/28/2006
Date

Assignment of Invention and Patent Application

For value received, of \$1.00,

SCOTT ERIC KULBERG

of Needham MA 286 Warren St.

<address> Needham MA 02492

(hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto

VELNA 5004 Lehigh Road, College Park MD 20740 w/Research Office

of 36 Cambridgepark Drive, Cambridge MA 02142

and her or his successors or assigns (hereinafter ASSIGNEE) 100% of the following: (A) ASSIGNOR'S right, title, and interest in and to the invention entitled "MOBILE ROBOT PLATFORM"

invented by ASSIGNOR; (B) the application for United States patent therefor, signed by ASSIGNOR on

3/27/2006, U.S. Patent and Trademark Office Serial Number to be assigned,

filed 3/30/2006; (C) any patent or reissues of any patent that may be granted

thereon; and (D) any applications which are continuations, continuations-in-part, substitutes, or divisions

of said application. ASSIGNOR authorizes ASSIGNEE to enter the date of signature and/or Serial Number

and Filing Date in the spaces above. ASSIGNOR also authorizes and requests the Commissioner for

Patents to issue any resulting patent(s) as follows: 000% to ASSIGNOR and 100% to ASSIGNEE. (The singular shall include the plural and vice versa herein.)

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In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

X *Scott E Kulberg*

Signature

SCOTT ERIC KULBERG

Signature

3/27/2006

Date

Witnessed by:

X *Laura Clifford*

Signature

X *Paul Schmidt*

Signature

3/27/2006

Date

3/27/2006

Date

PATENT

REEL: 017744 FRAME: 0533

Assignment of Invention and Patent Application

For value received, of \$1.00

Jamie G. Nichol

X of Cambridge MA 280 Western Ave #5
<Address> Cambridge MA 02139 USA

(hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto

VECTA 5604 Lehigh Road, College Park MD 20740 w/Research Office

of 36 Cambridgeport Drive, Cambridge MA 02142

and her or his successors or assigns (hereinafter ASSIGNEE) 100% of the following: (A) ASSIGNOR'S right, title, and interest in and to the invention entitled "MOBILE ROBOT PLATFORM"

invented by ASSIGNOR; (B) the application for United States patent therefor, signed by ASSIGNOR on

3/27/2006 U.S. Patent and Trademark Office Serial Number to be assigned.

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thereon; and (D) any applications which are continuations, continuations-in-part, substitutes, or divisions

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In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

X [Signature]

Signature

3/27/2006

Date

Jamie G. Nichol

Signature

Date

Witnessed by:

X Laura Clifford

Signature

3/27/2006

Date

X [Signature]

Signature

5/27/2006

Date