

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Noora Peura  
David Lindholm

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

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

Name: BEA SYSTEMS, INC.

Internal Address: \_\_\_\_\_

Street Address: 2315 North First Street

City: San Jose

State: CA

Country: US Zip: 95131

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

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

Execution Date(s) November 28, 2007

- ☒ 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):**

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

A. Patent Application No.(s)

11/954,107

Filed: December 11, 2007

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Sheldon R. Meyer

Internal Address: Fliesler Meyer LLP

Customer No. 23910

Street Address: 650 California Street  
14th Floor

City: San Francisco

State: CA Zip: 94108

Phone Number: 415.362.3800

Fax Number: 415.362.2928

Email Address: officeactions@fdm.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ 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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 06-1325

Authorized User Name Fliesler Meyer LLP

**9. Signature:**

  
Signature

December 11, 2007

Date

Karl F. Kenna, Reg. No. 45445

Name of Person Signing

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

4

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 1480, Alexandria, V.A. 22313-1480

Attorney Docket No.: BEAS-02186US1  
kfk/beas/2186us1/AssignmentRecordationForm.pdf

700353216

**PATENT**  
**REEL: 020238 FRAME: 0071**

CH \$40.00 061325 11954107

## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Noora Peura  
a resident of Stockholm, Sweden; and

(2) David Lindholm  
a resident of Stockholm, Sweden

have invented certain new and useful improvements in:

### SYSTEM AND METHOD TO REDUCE THE PROMOTION RATE IN A GENERATIONAL GARBAGE COLLECTOR IN A VIRTUAL MACHINE ENVIRONMENT

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, said invention being described and claimed in the patent application filed herewith and identified by the above title and Attorney Docket No. BEAS-02186US1.

WHEREAS BEA Systems, Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 2315 North First Street, San Jose 95131, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prose-

cuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

2007-11-28 (1) Noora Peura  
Date Noora Peura

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_  
(name and title of officer)  
personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

\*\*\*\*\*

11-28-2007  
Date

(2) David Lindholm  
David Lindholm

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_  
(name and title of officer)

personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

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Attorney Docket No.: BEAS-02186US0  
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