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U.S. DEPARTMENT OF COMMERCE
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RDATION FORM COVER SHEET
PATENTS ONLY 11/920879

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)

Jarmo Mäkinen
Olov Ekervik
Daniel ÅkessonAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

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

Execution Date(s) 10-16-07, 11-9-07, 10-21-07, 2-4-06

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

2. Name and address of receiving party(ies)

Name: Powerwave Technologies Sweden AB

Internal Address: Box 1155, Knarrarnäsgatan 7, 8tr

Street Address: Box 1155, Knarrarnäsgatan 7, 8tr

City: Kista

State: _____

Country: SWEDEN Zip: SE-164 26

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

Submitted herewith.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: David L. Henty, Customer No. 23386

Internal Address: 19900 MacArthur Blvd., 11th floor

Street Address: 19900 MacArthur Blvd., 11th floor

City: Irvine

State: California Zip: 92612

Phone Number: 949-223-9600

Fax Number: 949-223-9610

Email Address: processing@mdaslaw.com

6. Total number of applications and patents involved: _____

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 _____
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b. Deposit Account Number 01-1960

Authorized User Name David L. Henty

9. Signature:

11/26/2007 GFREY1 00000043 11920879

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David L. Henty, Reg. 31,323

Name of Person Signing

Signature

Date

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

10

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, V.A. 22313-1450

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
PWV1.PAU.189.US

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
☐ *Foreign rights, title and interest in the invention*
☐ *United States Patent Application Serial No.* _____
Date of Execution: _____ *Date of Filing:* _____
☐ *United States Provisional Patent Application Serial No.* _____
☐ *United States Patent No(s).* _____
☒ *International (PCT) Patent Application Serial No.* PCT/SE2006/000641
☒ *Other (specify)* SE 0501235-6

Title of the Invention

BEAM ADJUSTING DEVICE

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Olov Ekervik	Olsborgsvägen 4A, Vallentuna, S-186 41 Sweden

Assignee

<i>Name</i>	<i>Address</i>
Powerwave Technologies Sweden AB	Box 1155, Knarrarnäsgatan 7, 8tr, Kista, SWEDEN, SE-164 26

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.
PWV1.PAU.189.US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

[illegible]

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Docket No.
PWV1.PAU.189.US

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☐ ***Foreign rights, title and interest in the invention***
☐ ***United States Patent Application Serial No.***

Date of Execution: _____ ***Date of Filing:*** _____

- ☐ **United States Provisional Patent Application Serial No.** _____
- ☐ **United States Patent No(s).** _____
- ☒ **International (PCT) Patent Application Serial No.** PCT/SE2006/000641
- ☒ **Other (specify)** SE 0501235-6

Title of the Invention

BEAM ADJUSTING DEVICE

Inventors (assignors)[illegible]**Assignee**

<i>Name</i>	<i>Address</i>
Powerwave Technologies Sweden AB	Box 1155, Knarrarnäsgatan 7, 8tr, Kista, SWEDEN, SE-164 26

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We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto:

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

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