Recordation Services	
Docket No.	1505-1078
S Department of Commerce	

DECORDATION	Attorney Docket No. 1505-10
	FORM COVER SHEET U.S. Department of Commerce U.S. Patient and Trademark Office
PATE	INTS ONLY
To the Honorable Commissioner of Patents and Tradem	narks: Please record the attached original documents or copy thereof.
 Name of Conveying Party(ies): Ulf BODIN 	Name and address of receiving party(ies) Name: Operax AB
Joachin JOHANSSON Joakim NORRGARD Frederik PETTERSSON Olov SCHELEN Additional name(s) of conveying party(ies) attached?	Address: Aurorum 8, 977 75 LULEA, SWEDEN
 Yes ☐ No Nature of Conveyance: Assignment ☐ Merger Security Agreement ☐ Change of Name Other: ☐ Execution Date: August 15, 2005, August 15, 2005, August 28, 2005, August 8, 2005, August 15, 2005, August 15, 2005, August 8, 2005, "respectively" 	
4. Application number(s) or patent number(s):	10/535,208
This document is being filed with a new application, the ex	ecution date of the application is:
A. Patent Application No(s).	B. Patent No(s).
	Additional numbers attached? Yes No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:
Customer No.: 00466	7. Total fee (37 CFR 3.41)
YOUNG & THOMPSON Second Floor	☐ Enclosed ☑ Authorized to be charged to deposit account
745 South 23 rd Street	8. Deposit Account No. <u>25-0120</u>
Arlington, VA 22202	(Attach duplicate copy of this page if paying by
Phone: 703-521-2297	deposit account)
Fax: 703-685-0573	
DO NOT	USE THIS SPACE
9. Statement and signature.	- · · ·
To the best of an hamiladen and belief dec from	g information is true and correct and any attached copy is a true
copy of the original document.	10 11
copy of the original document. Benoit Castel	oil Castel October 5, 2005

Certificate of Transmission

1 hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on October 4, 2005.

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PATENT REEL: 016852 FRAME: 0635

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RECORDATION FORM COVER SHEET Additional conveying and receiving parties	
Continuation of Box 1Name of conveying party(ies): Jim SUNDQVIST Emil SVANBERG	
Continuation of Box 2Name and address of receiving party(ics): Name:	
Address:	
Name: Address:	
Continuation of Box 4Application number(s) or patent number(s):	

PATENT REEL: 016852 FRAME: 0636

1505-1078

<u>ASSIGNMENT</u>

WHEREAS,

UIF BODIN	
Joachim JOHANSSON	
Joakim NORRGARD	
Fredrik PETTERSSON	
Olov SCHELEN	
Jim SUNDQVIST	
Fmil SVANBERG	

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in ARRANGEMENTS AND METHOD FOR HIERARCHICAL RESOURCE MANAGEMENT IN A LAYERED NETWORK ARCHITECTURE

for which an application for a United States patent was filed on (B) MAY 17, 2005 _____, Application No. 10/535,208

for which an application for a United States patent was executed on (b)

WHEREAS, Operax AB.

whose address is Aurorum 8, 977 75 LULEA, SWEDEN.

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s,

Date Aug 15, 2005, Date Aug 15, 2005, Date Aug 28, 2005,

(signature) Joakim NORRGARD

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Date 2005-09-15

Date 2005 - 08 - 15

Date Aug 15, 2015

Date 2005-08-15

(signature) Fredrik PETTERSSON

RECORDED: 10/05/2005