

04-30-2008

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



To the Director of the U.S. Patent &

103499758

uments or the new address(es) below.

1. Name of conveying party(ies):

Dominique Blanc (11/29/2007) and Niclas
Sjöstrand (12/05/2007)

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

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

Execution Date(s): in parentheses after inventor name

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

2. Name and address of receiving party(ies)

Name: ABB RESEARCH LTD.

Internal Address:

Street Address:

Affolternstrasse 44

City: Zürich

State:

Country: Switzerland Zip: CH-8050

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

4. Application or patent number(s):

A. Patent Application No.(s)

11/987,522

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Eric J. Franklin
VENABLE LLP

Internal Address: Atty. Dkt.: 43314-253637

Street Address: P.O. Box 34385

City: Washington

State: DC Zip: 20043-9998

Phone Number: (202) 344-4936

Fax Number: (202) 344-8300

Email Address: ejfranklin@venable.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 22-0261
Authorized User Name Eric J. Franklin

9. Signature:

Signature

April 25, 2008

Date

Eric J. Franklin - 37,134
Name of Person Signing

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

3

04/29/2008 DBYRNE 00000043 220261 11987522
01 FC:8021 40.00 DA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Dominique Blanc, Södra Billstagatan 6, SE-722 40 Västerås, Sweden; and Niclas Sjöstrand, Södra Billstagatan 36, SE-722 40 Västerås, Sweden, hereinafter (collectively) referred to as the assignor, has invented certain improvements relating to METHOD AND DEVICE FOR MONITORING THE CONDITION OF AN INDUSTRIAL ROBOT for which said assignor has caused an application for United States Letter Patent to be prepared,

- ☒ the inventor's declaration for said application being executed concurrently with the execution of this instrument;
- ☐ said application to be filed in the United States Patent and Trademark Office;
- ☐ said Non-Provisional application having been filed in the United States Patent and Trademark Office on _____, and given Application Number _____;
- ☐ said application having been filed under the Patent Cooperation Treaty on _____, and given Application No. _____, the United States of America having been designated.

AND WHEREAS ABB Research Ltd.
 Affolternstrasse 44
 CH-8050 Zürich
 Switzerland

hereinafter referred to as the assignees are desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignees to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 29 day of November, 2007

Signature: _____
Name: Dominique Blanc
Address: Södra Billstagatan 6, SE-722 40 Västerås, Sweden

EXECUTED, this ____ day of _____, 2007

Signature: _____
Name: Niclas Sjöstrand
Address: Södra Billstagatan 36, SE-722 40 Västerås, Sweden

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Dominique Blanc, Södra Billstagatan 6, SE-722 40 Västerås, Sweden; and Niclas Sjöstrand, Södra Billstagatan 36, SE-722 40 Västerås, Sweden, hereinafter (collectively) referred to as the assignor, has invented certain improvements relating to METHOD AND DEVICE FOR MONITORING THE CONDITION OF AN INDUSTRIAL ROBOT for which said assignor has caused an application for United States Letter Patent to be prepared,

- ☒ the inventor's declaration for said application being executed concurrently with the execution of this instrument;
- ☐ said application to be filed in the United States Patent and Trademark Office;
- ☐ said Non-Provisional application having been filed in the United States Patent and Trademark Office on _____, and given Application Number _____;
- ☐ said application having been filed under the Patent Cooperation Treaty on _____, and given Application No. _____, the United States of America having been designated.

AND WHEREAS ABB Research Ltd.
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 CH-8050 Zürich
 Switzerland

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NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignees to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this ____ day of _____, 2007

Signature: _____
Name: Dominique Blanc
Address: Södra Billstagatan 6, SE-722 40 Västerås, Sweden

EXECUTED, this 05 day of December, 2007

Signature: Niclas Sjöstrand
Name: Niclas Sjöstrand
Address: Södra Billstagatan 36, SE-722 40 Västerås, Sweden

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2008		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	11/987,522-Conf. #6848
TOTAL AMOUNT OF PAYMENT		Filing Date	November 30, 2007
(\$)		First Named Inventor	Dominique Blanc et al.
40.00		Examiner Name	Not Yet Assigned
		Art Unit	2837
		Attorney Docket No.	43314-253637

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

12 - 20 = x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

2 - 3 = x =

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

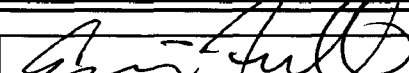
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

- 100 = /50 = (round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ... 40.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	37,134
Name (Print/Type)	Eric J. Franklin	Telephone	(202) 344-4936
		Date	April 25, 2008