Form PTO-1595 RECORDATION (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	PARTMENT OF COMMERCE atent and Trademark Office	
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Tab settings ⇔⇔⇔ → , , , , , , , , , , , , , , , , ,	▼ Atty Docket: 43315-201409	
To the Honorable Commissioner of Patents and Trademarks:	Please Record the attached original documents or copy thereof.	
Name of conveying party(ies):     John PRETLOVE	Name and address of receiving party(ies)	
Thomas PETTERSEN 6.8.04 Charlotte SKOURUP	Name: ABB Research Ltd.	
	Internal Address:	
Additional name of conveying party(ies) attached? ☐ Yes ☒ No		
Nature of conveyance:	Street Address: Affolternstrasse 52	
⊠ Assignment □ Merger		
☐ Security Agreement ☐ Change of Name	City: Zürich State/Country: Switzerland	
Other	Zip: CH-8050	
Execution Date: April 21, 2004 (T. Pettersen and C. Skourup) and April 28, 2004 (J. Pretlove)	Additional Name(s) & address(es) attached? ☐ Yes ☒ No	
If this document is being filed together with a new application, the exe  A. Patent Application No.(s)  10/751,012	B. Patent No.(s)	
Additional numbers at	ttached? 🗌 Yes 🔯 No	
Name and address of party to whom correspondence concerning this document should be mailed:  **PORCEAL**	6. Total number of applications and patents involved: 1	
*26694* 26694	7. Total fee (37 CFR 3.41) \$ 40.00	
PATENT TRADEMARK OFFICE	⊠ Enclosed	
Name: VENABLE	Authorized to be charged to deposit account	
Address: P.O. Box 34385	Deposit account number:	
City: Washington State: D.C. Zip: 20043-9998	o. Deposit account number.	
004 HVUONG1 000001E2 10751012	(Attach duplicate copy of this page if paying by deposit account)	
021	E TUIC CDACE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
Eric J. Franklin, Reg. No. 37,134	June 8, 2004	
Name of Person Signing	Signature Date	

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Alexandria, VA 22313-1450

PC Docs No. 554188

Attorney Docket: 43315-201409

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Harreschons 1338
WHEREAS John Pretlove, Harreschous vei 12, N-1378 Sandvika, Norway, Charlotte Skourup, Kirkebakken 11, N-3040 Drammen, Norway; and Thomas Pettersen, Seljeholtet 19, N-1560 Larkollen, Norway, hereinafter (collectively) referred to as the assignor, has invented certain improvements relating to A METHOD AND A SYSTEM FOR PROGRAMMING 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;	tot White product the Loren
[ ] said application to be filed	in the United States Patent and Trademark Office;
[X] said Non-Provisional appl	ication having been filed in the United States Patent and Trademark
Office on January 5, 2004	, and given Application Number 10/751,012;
	en filed under the Patent Cooperation Treaty on _, and given
	nited States of America having been designated.
AND WHEREAS A	ABB Research Ltd.
A	Affolternstrasse 52
	CU 8050 Zürich Switzerland

hereinafter referred to as the assignees is 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 assignee 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 28 day of APRI

Signature:

Name:

Address:

John Prettors

John Prettors

John Prettors

Harrefshous vei 12, N-1378 Sandvika, Norway

Harrefshous vei 12, N-1338 Sandvika

PATENT

REEL: 015440 FRAME: 0379

Attorney Docket: 43315-201409

EXECUTED, this Westerday of April 21st, 2004 Unglobe Strange Signature: Charlotte Skourup Name: Address: Kirkebakken 11, NO-3040 Drammen, Norway EXECUTED, this \_\_\_\_ day of \_\_\_\_\_\_, 2004 Signature: Name: Thomas Pettersen Address: Seljeholtet 19, NO-1560 Larkollen

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Attorney Docket: 43315-201409

EXECUTED	, this day of	, 2004
Signature:		
Name:	Charlotte Skourup	······································
Address:	Kirkebakken 11, N-3040 Dramme	n, Norway
EXECUTED	this 21 day of April	, 2004
Signature:	must ell	
Name:	Thomas Vettersen	
A didmono.	Callabatest 10 N 1560 Lada llan	

RECORDED: 06/08/2004