Atty. Dkt. No. 98AB052A (081696-0228) 06-14-2001 FORM PTO-1595 (modified) U.S. DEPARTMENT OF COMMERCE (Rev 6-93) RE(SHEET Patent and Trademark Office 101751858 To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Frank J. Goforth JUN Allen-Bradley Co., LLC 1201 South Second Street Milwaukee, WI 53204 Additional conveying party(ies) NO 3. Nature of conveyance: ASSIGNMENT Execution Date: 5/15/01 Additional name(s) & address(es) attached? NO 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: A. Patent Application Number(s): B. Patent Number(s): 09/163,931 Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications/patents involved: concerning document should be mailed: \$40.00 7. Total fee (37 C.F.R. § 3.41): Alexander M. Gerasimow Check Enclosed ALLEN-BRADLEY COMPANY, LLC 1201 South Second Street Charge to deposit account Milwaukee, WI 53204-2496 01-0857 8. Deposit account number: DO NOT USE THIS SPACE 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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account. alranders, guasina 5/30/01 Alexander M. Gerasimow Name of person signing Total number of pages including cover sheet, attachments, and document: 5

06/13/2001 GTON11 00000177 010857 09163931 01 FC:581 40.00 CH

001.1012812.1

PATENT REEL: 011881 FRAME: 0619

ASSIGNMENT OF INVENTION TO ALLEN-BRADLEY CO., LLC

WHEREAS, Steven M. Galecki of Concord, State of Ohio, Edward C. Hopsecger of Mentor, State of Ohio, and Frank J. Goforth of Shaker Heights, State of Ohio (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in INDUSTRIAL CONTROL SYSTEMS HAVING INPUT/OUTPUT CIRCUITS WITH PROGRAMMABLE INPUT/OUTPUT CHARACTERISTICS which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 98AB052A (81696/228), in the patent files of ALLEN-BRADLEY CO., LLC (hereinafter sometimes referred to as "said assignee") and which invention is covered by a patent application, executed and filed on September 29, 1998, as USSN 09/163,931 in the Patent and Trademark Office for the United States of America.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto ALLEN-BRADLEY CO., LLC, the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. provisional patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said ASSIGNEE, for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

1 of 4

001.1006089.1

PATENT REEL: 011881 FRAME: 0620

	[this
day of		, 2001.	
Steven M.	Galecki, Invento	or	
State of)		
County of			
On this	day of	, 2001,	before me personally
		, 2001, known to be the person whose edge to me that he executed the	

2 of 4

L'Acculcu a	t	this
ay of		2001.
Edward C	. Hopsecger, Inven	ator
tate of		
County of)	
On this	day of	, 2001, before me personally
ppeared Edward (C. Hopsecger to me	, 2001, before me personally known to be the person whose name is subscribed to eledge to me that he executed the same.
ppeared Edward (C. Hopsecger to me	known to be the person whose name is subscribed to
ppeared Edward (C. Hopsecger to me	known to be the person whose name is subscribed to

3 of 4

day of
Frank J. Goforth, Inventor
State of OHIO County of COYANOCA
On this 15 day of
Notary Public My Commission Expires:
LINDA M. NISSEN Notary Public, State of Ohio My Commission Expires March 30, 2005
(SEAL)

4 of 4