` .	Form PTO-1595 (Acv. 10/02) (Rev. 10/02) (PRECORDATION FORM OMB No. 0651-0027 (exp. 6/30/2005) PATENT  Tab settings   Tab settings	S .EV533148966US : No. 7287-000023					
	To the Honorable Commissioner of Patents and Trademarks: P  1. Name of conveying party(ies): Joseph Gasiorek John Brandow 2 1 2004 Andrew H. McMillan Kurudi Muralidhar Michael McFarland James B. Behm	Name: Entivity, Inc.  Internal Address:					
	Additional name of conveying party(ies) attached?  Yes No  3. Nature of conveyance:  Assignment	Street Address: 935 Technology Drive  Suite 200  City: Ann Arbor State: MI Zip: 48108  Additional Name(s) & address(es) attached?  Yes No					
-	4. Application number(s) or patent number(s):  If this document is being filed together with a new application A. Patent Application No.(s)  10/212,460  Additional numbers atta	n, the execution date of the application is: B. Patent No.(s) ached?  Yes  No					
	Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1					
06/28/2004	Name: Christopher M. Brock  Internal Address: Harness, Dickey & Pierce, P.L.C.	7. Total fee (37 CFR 3.41) \$ 40  ☑ Enclosed ☐ Authorized to be charged to deposit account					
01 FC:8021	Street Address: P.O. Box 828	8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.					
	City: Bloomfield Hills State: MI Zip: 48303						
	DO NOT USE THIS SPACE						
		Signature attachments and documents:					

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

Commissioner of Patents & Trademarks, Box Assignments

1 7 533 148 966 US

REEL: 015500 FRAME: 0282

Atty. Docket No. 7287-000023

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Αŀ	-LOWC	HAR I-	BASED CONTROL SYSTEM WITH ACTIVE DEBUGGING OBJECTS
for whi patent	ch Assi	ignor is	about to make or has made United States or International application for
	(a)		executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
	(b)		executed on,; or
	(c)	$\boxtimes$	filed on <u>August 5, 2002</u> , and assigned Serial No. <u>10/212,460</u> or PCT International Application No, and
	ology D	rive, An	intivity, Inc., a Delaware Corporation, having a place of business at 935 in Arbor, Michigan 48108, hereinafter referred to as Assignee, is desirous at therein:
unto A United laws of as des therefor Patent	of is he ssignee States I the Unscribed or to be are gra	reby ace and its of Ame hited State in the held are anted a	FORE, for good and valuable consideration, the receipt and adequacy knowledged, Assignor by these presents does sell, assign and transfer successors in interest, the full and exclusive right, title and interest in the rica and all foreign countries, including the right to claim priority under the ates, the Paris Convention, and any foreign countries, to the said invention aforesaid application, said application for patent and all Letters Patern denjoyed by Assignee to the full end of the term for which said Letters and any extensions thereof as fully and entirely as the same would have a had this assignment and sale not been made;
United continupatent purpos Letters	uested for States attion, any reise of pro	for the last and incontinuates and incontinuates some securing the states of the states and incontinuates and incontinua	by covenants and agrees to execute all instruments or documents required making and prosecution of any applications of any type for patent in the nall foreign countries including, but not limited to, any provisional ation-in-part, divisional, renewal or substitute thereof, and as to letter e-examination, or extension thereof, and for litigation regarding, or for the title and to the said invention, the United States application for patent, or for the benefit of Assignee without further or other compensation than
been o	Assign r will be	or herel entere	by covenants that no assignment, sale or agreement or encumbrance has d into which would conflict with this Assignment; and
country applica	Patent or cou tions as	of the l Intries fo	by requests the Commissioner of Patents and Trademarks to issue said United States of America to Assignee, and requests that any official of any preign to the United States, whose duty it is to issue or grant patents and said, to issue said Letters Patent, Utility Model Registration or Inventor's e.
(Application	Assigno ation No r of said	or here o d applica	by authorizes and requests my attorney to insert here in parentheses, filed) the filing date and application ation when known.

Page 1 of 2

Joseph Gasiorek Date

Andrew H. McMillan Date

Michael McFarland Date

James B. Behm Date

Kurudi Muralidhar

Date

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WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

AF	LOWC	HART-	BASED CONTROL SYSTEM WITH ACTIVE DEBUGGING OBJECTS
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whereof unto As United S laws of as desc therefor Patent a	f is he signee States the Un cribed to be are grant are	reby ace and its of Ame of State of State of State of the contract of the cont	EFORE, for good and valuable consideration, the receipt and adequacy sknowledged, Assignor by these presents does sell, assign and transfer successors in interest, the full and exclusive right, title and interest in the rica and all foreign countries, including the right to claim priority under the ates, the Paris Convention, and any foreign countries, to the said invention aforesaid application, said application for patent and all Letters Patent and enjoyed by Assignee to the full end of the term for which said Letters and any extensions thereof as fully and entirely as the same would have r had this assignment and sale not been made;
or reque United continua patent a purpose	ested f States ation, c any reis of pro Patent	for the incomment of the continuation of the c	by covenants and agrees to execute all instruments or documents required making and prosecution of any applications of any type for patent in the n all foreign countries including, but not limited to, any provisional, ation-in-part, divisional, renewal or substitute thereof, and as to letter e-examination, or extension thereof, and for litigation regarding, or for the title and to the said invention, the United States application for patent, or or, for the benefit of Assignee without further or other compensation than
been or	Assigno will be	or herel	by covenants that no assignment, sale or agreement or encumbrance has d into which would conflict with this Assignment; and
Letters I country	Patent or cou ions as	of the landries for a forces	by requests the Commissioner of Patents and Trademarks to issue said United States of America to Assignee, and requests that any official of any preign to the United States, whose duty it is to issue or grant patents and said, to issue said Letters Patent, Utility Model Registration or Inventor's e.
(Application	Assignotion Notice of Said	or herei o	by authorizes and requests my attorney to insert here in parentheses, filed) the filing date and application when known.
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Page 1 of 2

Joseph Gasiorek	Date
Andrew H. McMillan	<u> </u>
Michael McFarland	Date
James B. Behm	Date
John Brandow	Date
John Brandow	Date

Date

Kurudi Muralidhar

Atty. Docket No. 7287-000023

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

A	FLOW	CHART-	BASED CONTROL SYSTEM WITH ACTIVE DEBUGGING OBJECTS
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unto A United laws of as des therefor Patent	of is he assigned a States of the Ur scribed or to be a re great are great assignments.	ereby ace and its of Ame nited State in the held an anted a	EFORE, for good and valuable consideration, the receipt and adequacy cknowledged, Assignor by these presents does sell, assign and transfer a successors in interest, the full and exclusive right, title and interest in the erica and all foreign countries, including the right to claim priority under the lates, the Paris Convention, and any foreign countries, to the said invention aforesaid application, said application for patent and all Letters Patent and enjoyed by Assignee to the full end of the term for which said Letters and any extensions thereof as fully and entirely as the same would have be had this assignment and sale not been made;
United continue patent purpos Letters	uested States uation, any reise of pro	for the sand in continuities of the continuiti	by covenants and agrees to execute all instruments or documents required making and prosecution of any applications of any type for patent in the in all foreign countries including, but not limited to, any provisional, ation-in-part, divisional, renewal or substitute thereof, and as to letter e-examination, or extension thereof, and for litigation regarding, or for the title and to the said invention, the United States application for patent, or or, for the benefit of Assignee without further or other compensation than
been o			by covenants that no assignment, sale or agreement or encumbrance has d into which would conflict with this Assignment; and
country applica	Patent y or cou ations a	of the l	by requests the Commissioner of Patents and Trademarks to issue said United States of America to Assignee, and requests that any official of any oreign to the United States, whose duty it is to issue or grant patents and said, to issue said Letters Patent, Utility Model Registration or Inventor's e.
(Applic	ation N	o	by authorizes and requests my attorney to insert here in parentheses, filed) the filing date and application ation when known.

Page 1 of 2

Joseph Gasiorek	Date	•
Andrew H. McMillan	Date	
Merbel M Garan		5/27/0
Michael McFarland	Date	•
James B. Behm	Date	
John Brandow	Date	
Kurudi Muralidhar	Date	

Atty. Docket No. 7287-000023

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

### A FLOWCHART-BASED CONTROL SYSTEM WITH ACTIVE DEBUGGING OBJECTS

<i>-</i>	• • • • • • • • • • • • • • • • • • • •				
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(i	o) [		executed on,; or		
(0	c) [2	$\boxtimes$	filed on <u>August 5, 2002</u> , and assigned Serial No. <u>10/212,460</u> or PCT International Application No, and		
Technolo	ogy Driv	ve, An	ntivity, Inc., a Delaware Corporation, having a place of business at 935 in Arbor, Michigan 48108, hereinafter referred to as Assignee, is desirous at therein:		
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;					
Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;					
	Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and				
Δ	ssiano	r here	by requests the Commissioner of Patents and Trademarks to issue said		

Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. \_\_\_\_\_\_, filed \_\_\_\_\_\_) the filing date and application number of said application when known.

Certificate to Assignee.

Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's

Page 1 of 2

Joseph Gasiorek	Date
Andrew H. McMillan	Date
Michael McFarland	Date
James B. Behm	7/19/c 3 Date
John Brandow	Date
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Atty. Docket No. 7287-000023

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unto A United laws o as des therefo Patent	of is he assigned in States of the Useribed or to be are given by the scribed or to be the scribed or to be the scribed or the sc	ereby age and its of Ame nited Standard in the end are anted a	EFORE, for good and valuable consideration, the receipt and adequacy cknowledged, Assignor by these presents does sell, assign and transfer a successors in interest, the full and exclusive right, title and interest in the erica and all foreign countries, including the right to claim priority under the ates, the Paris Convention, and any foreign countries, to the said invention aforesaid application, said application for patent and all Letters Patent and enjoyed by Assignee to the full end of the term for which said Letters and any extensions thereof as fully and entirely as the same would have be had this assignment and sale not been made;

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James B. Behm	Date
John Brandow	Date
	7/21/03
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RECORDED: 06/21/2004

Page 2 of 2