

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	05/01/2006

CONVEYING PARTY DATA

Name	Execution Date
Controlotron Corp.	05/01/2006

RECEIVING PARTY DATA

Name:	Siemens Energy & Automation, Inc.
Street Address:	3333 Old Milton Parkway
City:	Alpharetta
State/Country:	GEORGIA
Postal Code:	30005

PROPERTY NUMBERS Total: 20

Property Type	Number
Patent Number:	4929368
Patent Number:	5001936
Patent Number:	5117698
Patent Number:	5131278
Patent Number:	5214343
Patent Number:	5271267
Patent Number:	5343737
Patent Number:	5453944
Patent Number:	5467321
Patent Number:	5548530
Patent Number:	6026693
Patent Number:	6062091
Patent Number:	6273373
Patent Number:	6405603

CH \$800.00 4929368

PATENT

500189896

REEL: 018590 FRAME: 0760

Patent Number:	6418796
Patent Number:	6442999
Patent Number:	6644132
Patent Number:	6681641
Patent Number:	6786077
Application Number:	11177229

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Veronica Cardoso
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Total Attachments: 6
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ATTACHMENT A

application number	filing date	date of grant	grant number	Internal File Number
07/376,529	07.07.1989	05.29.1990	4929368	2006P15962 US
07/365,364	06.13.1989	03.26.1991	5001936	2006P15961 US
07/365,333	06.13.1989	06.02.1992	5117698	2006P15956 US
07/525,278	05.17.1990	07.21.1992	5131278	2006P15964 US
07/667,466	03.11.1991	05.25.1993	5214343	2006P15965 US
07/848,266	03.09.1992	12.21.1993	5271267	2006P15966 US
07/949,076	09.22.1992	09.06.1994	5343737	2006P16298 US
08/220,060	03.30.1994	09.26.1995	5453944	2006P16373 US
08/312,299	09.26.1994	11.14.1995	5467321	2006P16377 US
08/427,411	04.24.1995	08.20.1996	5548530	2006P16381 US
08/868,755	06.04.1997	02.22.2000	6026693	2006P16395 US
08/837,800	04.22.1997	05.16.2000	6062091	2006P16391 US
09/329,722	06.10.1999	08.14.2001	6273373	2006P16402 US
09/815,918	03.23.2001	06.18.2002	6405603	2006P16500 US
09/566,411	05.08.2000	07.16.2002	6418796	2006P16495 US
09/815,099	03.22.2001	09.03.2002	6442999	2006P16498 US
09/566,312	05.08.2000	11.11.2003	6644132	2006P16404 US
09/949,590	09.10.2001	01.27.2004	6681641	2006P14695 US
10/356,194	01.31.2003	09.07.2004	6786077	2006P16504 US
11/177,229	07.08.2005			2006P15168 US

ASSIGNMENT

For value received, Controlotron Corporation ("ASSIGNOR"), a corporation of the State of New York, having an office at 155 Plant Avenue Hauppauge, NY 11788 U.S.A., hereby sells, assigns, and transfers to Siemens Energy & Automation, Inc., ("ASSIGNEE"), a corporation of the State of Delaware, having an office at 3333 Old Milton Parkway, Alpharetta, GA 30005 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, in and to the patents, including without limitation, all United States, and foreign patents and patent applications as identified in the Schedule attached hereto and to the inventions therein disclosed and claimed and to all international priority rights relating thereto throughout the world and in and to any continuations, divisions, reissues, reexaminations and extensions thereof along with any and all rights of enforcement with respect thereto, including all rights to sue or recover for the past infringement thereof, and any and all choses in action related thereto, and that the ASSIGNEE may apply for and receive patents in its own name wherever so permitted by law and that the ASSIGNOR shall, when requested by the ASSIGNEE, execute all rightful oaths, assignments, and powers of attorney, including but not limited to the right to file and prosecute in its own name, wherever so permitted by law, patent applications, including corresponding applications, and to claim priority of patent applications pursuant to the Paris Convention, to the ASSIGNEE and to agents and legal representatives of the ASSIGNEE and all other papers necessary and proper to carry out the intent and purpose of this Assignment. ASSIGNOR retains no ownership rights in the properties transferred to ASSIGNEE hereunder.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in the United States and in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the United States and in all countries foreign to the United States, or to such nominees as ASSIGNEE may designate.

ASSIGNOR agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

[Signature Page Follows]

CONTROLOTRON CORPORATION

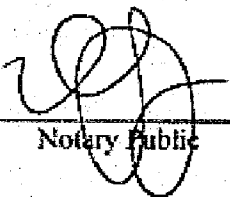
By: Linda A. Nunziato
Name: Linda A. Nunziato, Esq.
Title: Court Appointed Receiver for
Controlotron Corporation and its
Related Companies

Date: May 1, 2006

(United States of America)
State of New York)
County of New York)

On this 1st day of May, 2006, before me personally came Linda A. Nunziato, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

NOAH D. SHAPIRO
NOTARY PUBLIC, State of New York
No. 02SH0105188
Qualified in New York County
Commission Expires on February 2, 2008



Notary Public

SCHEDULE OF PATENTS AND PATENT APPLICATIONS

U.S. Patent Number	Title
6,786,077	Widebeam clamp-on ultrasonic densitometer
6,786,077 - B2	Widebeam clamp-on ultrasonic densitometer
6,681,641	Clamp-on gas flowmeter
6,681,641 - B2	Clamp-on gas flowmeter
6,644,132	Flow profile conditioner for pipe flow systems
6,442,999	Leak locator for pipe systems
6,418,796	Sonic flow measurement apparatus for tubes including sonically matched plates
6,405,603	Method for determining relative amounts of constituents in a multiphase flow
6,405,603 - B1	Method for determining relative amounts of constituents in a multiphase flow
6,273,373	Device for clamping a transducer to a pipe
6,062,091	Method and apparatus for determining ultrasonic pulse arrival in fluid using phase correlation
6,026,693	Pipe spool section having square or rectangular cross-section for clamp on transducer and method for flow measurement
5,548,530	High-precision leak detector and locator
5,467,321	Insertion ultrasonic transducer with mode conversion and method for reducing multiple signal reception
5,453,944	Method and apparatus for leak detection and pipeline temperature modelling method and apparatus
5,343,737	Method and apparatus for leak detection and pipeline temperature modelling method and apparatus
5,271,267	Method and apparatus for determining fluid properties from sonic/temperature fluid signature
5,214,343	Fluoroether grease acoustic couplant
5,131,278	Mounting structure for transducers with sonic-energy absorbing means
5,117,698	Pulse train detection in transit time flowmeter
5,001,936	Mounting structure for transducers
4,929,368	Fluoroether grease acoustic couplant
4,556,813	Cast metal sonic transducer housing
4,475,054	Metal transducer housing with focusing surface
4,467,659	Transducer having metal housing and employing mode conversion
4,425,803	Transducer structure and mounting arrangement for transducer structure for clamp-on ultrasonic flowmeters
4,373,401	Transducer structure and mounting arrangement for transducer structure for clamp-on ultrasonic flowmeters

Pending Applications	Title
Serial No. 11177229 2006/027029 A1	Extreme Temperature Clamp-on Ultrasonic Flowmeter Transducer
PCT/US05/24181 Based on Provisional 60/586,958	High Temperature Ultrasonic Transducer
PCT/US05/43612 Based on Provisional 60/632,651	Pipe Configuration Related to Dynamic Flow Profile

International Patents	Country	Title
DE2833997A1	Germany	Fluessigkeitsdetektor ; Single transducer liquid level detector
JP1797486C	Japan	Accoustic Energy Wave Mode Converter and Method of Applying Ultrasonic Energy to Metallic Conduit by Using Said Converter
JP5008366B	Japan	Accoustic Energy Wave Mode Converter and Method of Applying Ultrasonic Energy to Metallic Conduit by Using Said Converter
JP60044826A	Japan	Accoustic Energy Wave Mode Converter and Method of Applying Ultrasonic Energy to Metallic Conduit by Using Said Converter
CA2124258C	Canada	Method and Apparatus for Leak Detection and Pipeline Temperature Modelling Method Apparatus
DE4420476A1	Germany	Pipeline Leak Detecting and Temperature Modelling Apparatus
GB2289760B	United Kingdom	Method and Apparatus for Leak Detection and Pipeline Temperature Modelling Method and Apparatus
GB2300717B	United Kingdom	Pipeline Temperature Modelling Method and Apparatus
DE19818053A1	Germany	Determining Arrival Time of Sound Signal Through Flow Medium in Vessel
CN1201141A	China	Short-Tube Component Having Square or Rectangular Section for Grip-Type Changer, and Flow Metering Method
DE19823165A1	Germany	Device for Installing Ultrasonic Flow Detector Inside Pipe
WO02077635A2	Selected Countries of the PCT	Method for Determining Relative Amounts of Constituents in a Multiphase Flow
WO02077635A3	Selected Countries of the PCT	Method for Determining Relative Amounts of Constituents in a Multiphase Flow
DE10297197T	Germany	

<u>International Patents</u>	<u>Country</u>	<u>Title</u>
		Clamp-on Gas Flowmeter
GB2395011A	United Kingdom	Clamp-on Gas Flowmeter
GB2395011B	United Kingdom	Clamp-on Gas Flowmeter
WO03023330A2	Selected Countries of the PCT	Clamp-on Gas Flowmeter
WO03023330A3	Selected Countries of the PCT	Clamp-on Gas Flowmeter
WO03023330A9	Selected Countries of the PCT	Clamp on Gas-Flowmeter
BR9402229A	Brazil	Method and Apparatus for Leak Detection and Pipeline Temperature Modelling Method and Apparatus
BR0212431A	Brazil	Clamp-on Gas Flowmeter
AU 2002322619A1	Australia	Clamp-on Gas Flowmeter
CN1554013 A	China	Clamp-on Gas Flowmeter
EP0947810 A1	European Patent	Multiphase fluid flow sensor
GB2364122A	United Kingdom	Transducer For Sonic Measurement Of Gas Flow and Related Characteristics
GB2364122B	United Kingdom	Transducer For Sonic Measurement Of Gas Flow and Related Characteristics
WO0072000 A1	Selected Countries of the PCT	Transducer For Sonic Measurement Of Gas Flow and Related Characteristics
AU5041500 A	Australia	Transducer For Sonic Measurement Of Gas Flow and Related Characteristics
AU2002255906A1	Australia	Method for Determining Relative Amounts of Constituents in a Multiphase Flow
DE10084627T	Germany	Transducer For Sonic Measurement Of Gas Flow and Related Characteristics
CN1352743A	China	Transducer For Sonic Measurement Of Gas Flow and Related Characteristics
CN1188699C	China	Transducer For Sonic Measurement Of Gas Flow and Related Characteristics
WO2006017145 A2	WO	Extreme Temperature Clamp-on Ultrasonic Flowmeter Transducer
PCT/US05/46312	WO	Pipe Configuration Related to Dynamic Flow Profile