

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
The Bank of New York Mellon	01/19/2012
RECEIVING PARTY DATA	
Name:	Ichor Systems, Inc.
Street Address:	200-C Parker Drive
Internal Address:	Suite 600
City:	Austin
State/Country:	TEXAS
Postal Code:	78728
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5178651
CORRESPONDENCE DATA	
Fax Number:	(512)306-1963
Phone:	5126370800
Email:	patents@sgnlaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Scheinberg & Griner, LLP
Address Line 1:	PO BOX 164140
Address Line 4:	Austin, TEXAS 78716
ATTORNEY DOCKET NUMBER:	IDCHOR-9000
NAME OF SUBMITTER:	David Griner
Total Attachments: 4 source=Release of Security Agreement#page1.tif source=Release of Security Agreement#page2.tif source=Release of Security Agreement#page3.tif source=Release of Security Agreement#page4.tif	

OP \$40.00 5178651

RELEASE OF SECURITY AGREEMENT IN PATENTS

THIS RELEASE OF SECURITY AGREEMENT IN PATENTS (this "Release") is made as of January 19th, 2012 ("Effective Date") by and between The Bank of New York Mellon, a banking corporation, as successor administrative agent and collateral agent ("Collateral Agent") under the Note Purchase Agreement and Security Agreement each dated April 15, 2008 (the "Security Agreements") and Ichor Systems, Inc., a Delaware corporation, as successor obligor ("Obligor") under the Security Agreements.

WHEREAS, pursuant to the terms and conditions of the Security Agreements, Obligor and Collateral Agent entered into that certain Patent Security Agreement dated April 15, 2008 (the "Patent Security Agreement"), pursuant to which Obligor granted to Collateral Agent a continuing security interest in and to all of Obligor's right, title and interest in and to all of the patents and patent applications owned by Obligor (collectively, the "Patents"), including, without limitation, the United States patents and patent applications set forth on Schedule A attached hereto;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office ("PTO") on April 16, 2008 at Reel/Frame 020808/0538; and

WHEREAS, the Collateral Agent desires to terminate the Patent Security Agreement and its security interest in the Patents;

WHEREAS, unless otherwise defined herein or the context otherwise requires, terms used in this Release, including its preamble and recitals, have the meanings given to them in the Security Agreements.

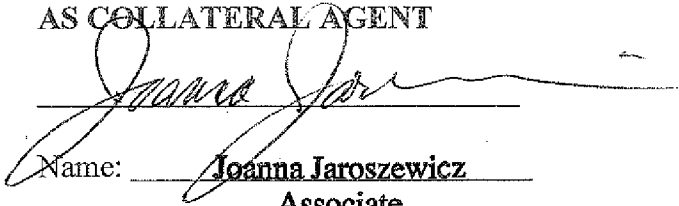
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Collateral Agent hereby terminates, cancels and releases any and all liens and security interests it has against the Patents, and all proceeds thereof, including without limitation, any and all causes of action which may exist by reason of infringement thereof.

Collateral Agent represents and warrants that: (i) it has the full power and authority to execute this Release; (ii) it has not assigned, transferred, restricted or otherwise encumbered any security interest it has against the Patents; (iii) it has not recorded or otherwise evidenced its security interest with respect to any patent or patent application owned by Obligor, other than those Patents set forth on Schedule A (attached hereto), in any jurisdiction throughout the world.

Collateral Agent shall take all further actions, and provide to Obligor, Obligor's successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by Obligor to more fully and effectively effectuate the purposes of this Release.

IN WITNESS WHEREOF, Collateral Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date.

THE BANK OF NEW YORK MELLON,
AS COLLATERAL AGENT



Name: Joanna Jaroszewicz
Associate

Title: _____

SCHEDULE A

PATENTS

Title	US App. No.	Filing Date	US Patent No.	Issue Date
WELDED INTERCONNECTION MODULES FOR HIGH PURITY FLUID FLOW CONTROL APPLICATIONS	09/398302	20-Sep-1999	6125887	03-Oct-2000
MODULAR SUBSTRATE GAS PANEL HAVING MANIFOLD CONNECTIONS IN A COMMON PLANE	10/650102	26-Aug-2003	7334605	26-Feb-2008
MODULAR SUBSTRATE GAS PANEL HAVING MANIFOLD CONNECTIONS IN A COMMON PLANE	11/232031	21-Sep-2005	7225835	05-Jun-2007
GAS HANDLING DEVICE	08/965077	06-Nov-1997	6076543	20-Jun-2000
SYSTEM AND METHOD FOR INTEGRATING GAS COMPONENTS	09/961595	24-Sep-2001	6615870	09-Sep-2003
SYSTEM AND METHOD FOR INTEGRATING GAS COMPONENTS	10/010372	05-Nov-2001	6659131	09-Dec-2003
A METHOD FOR PURIFYING GAS DISTRIBUTION SYSTEMS	07/741651	07-Aug-1991	5178651	12-Jan-1993
BUILDING BLOCKS FOR INTEGRATED GAS PANEL	08/760150	03-Dec-1996	5839355	17-Nov-1998
MOUNTING PLANE FOR INTEGRATED GAS PANEL	08/893773	11-Jul-1997	6231260	15-May-2001
BUILDING BLOCKS FOR INTEGRATED GAS PANEL	08/931060	15-Sep-1997	6302141	16-Oct-2001
SYSTEM OF MODULAR SUBSTRATES FOR ENABLING THE DISTRIBUTION OF PROCESS FLUIDS THROUGH REMOVABLE COMPONENTS	09/456226	06-Dec-1999	6283155	04-Sep-2001
MANIFOLD SYSTEM FOR ENABLING A DISTRIBUTION OF FLUIDS	09/111999	08-Jul-1998	6374859	23-Apr-2002
MANIFOLD SYSTEM OF REMOVABLE COMPONENTS FOR DISTRIBUTION OF FLUIDS	09/229722	13-Jan-1999	6394138	28-May-2002

Title	US App. No.	Filing Date	US Patent No.	Issue Date
GAS PANEL	08/739,936	30-Oct-1996	5992463	30-Nov-1999
GAS PANEL	09/371408	10-Aug-1999	6192938	27-Feb-2001
GAS PANEL	09/371655	10-Aug-1999	6189570	20-Feb-2001
GAS PANEL	09/371659	10-Aug-1999	6142539	07-Nov-2000
GAS PANEL	08/960464	29-Oct-1997	6293310	25-Sep-2001
GAS PANEL	09/732434	07-Dec-2000	6474700	05-Nov-2002
FLUID FLOW SYSTEM	10147427	16-May-2002	6769463	03-Aug-2004
GAS PANEL	09/939487	23-Aug-2001	6435215	20-Aug-2002
FLUID FLOW SYSTEM	10/147427	16-May-2002	6769463	03-Aug-2004