SIPE 5/6/07	
RECORDATIO	05-13-2002
MAY 0 6 2002 PAT	I SANDE DIEN BEDRE DEN EDDE SEUE BANK DER SAND DEN SAND DER SAND
To the Honorable commissioner of Patents and Trade	HERMAN HERMAN STEEL BERKE STEEL BESTEEL
Please scord the attached original documents or co	102086987 2. Name and address of receiving party(ies):
1. Name of semme party(ies): Kay Herbert	2. Name and address of receiving party(ies):
Naten E. Parsons	Name: Arichell Technologies, Inc.
Fatih Guler	rame. Affeneri feemiologies, file.
Additional name(s) of conveying	Street Address: 55 Border Street
party(ies) attached? Yes X No	City W. A. N.
	City: West Newton
3. Nature of conveyance:	State: MA Zip: 02165
X Assignment	21p. 02103
Merger	
Security Agreement	
Change of Name	
Other	Additional name(s) & address(es) Attached?YesXNo
Execution Date: April 29, 2002, April 30, 200	
4. Application number(s) or patent number(s): 10/090	, 447
If this document is being filed together with a new ap date of the application is:	oplication, the execution
A. Patent Application No.(s)	B. Patent No. (s)
Additional numbers attached?	Yes X No
5. Name and address of party to whom	6. Total number of applications and
correspondence concerning document should be	patents involved:1
mailed:	A40.00
	7. Total fee (37 CFR 3.41) \$40.00
Name: Joseph H. Born	X Enclosed
L AG TI WAR TID	Authorized to be charged to deposit
Street Address: Cesari and McKenna, LLP	Account 8. Deposit account no. 03-1237 (Attach duplicate
88 Black Falcon Avenue	copy of this page if paying by deposit account)
City: Boston State: MA Zip: 02210	copy of this page is purposed in
TO NOTE II	SE THIS SPACE
40 VV UD	
16 LC:101	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the best of my knowledge and belief.	tion is true and correct and any attached copy is a true
To the best of my knowledge and belief, the foregoing informa	HOW IN PRO-
copy of the original document.	May 6, 2002
Joseph H. Born, Reg. No. 28,283	Data
Joseph H. Born, Reg. Name of Person Signing Signature	re Total number of pages comprising cover sheet: 3

PATENT REEL: 012871 FRAME: 0904

ASSIGNMENT

Whereas We, Kay Herbert, whose residence address is 65 Sunnyside Avenue, Winthrop, MA 02152, Natan E. Parsons, whose residence address is 274 Dean Road, Brookline, MA 02146, and Fatih Guler, whose residence address is 344 South Border Road, Winchester, MA 01890, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled Multi-Way Valve Employing Two-State Operator, identified by Cesari and McKenna File No. 15626-0094, the specification of which was filed on March 4, 2002, and accorded Serial Number 10/090,447; and

Whereas Arichell Technologies, Inc., whose address is 55 Border Street, West Newton, MA 02165, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents

PATENT REEL: 012871 FRAME: 0905 including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

 4/29/7002
 Kay Herbert, Inventor

リ<u>/30/09</u> Date

Fatih Guler, Inventor