

Form PTO-1595

(Rev. 9-04)

OMB No. 0651-0027 (exp. 6/30/05)

REC

05-25-2006

EET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States Patent and

103245011

ed documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):Nicholas T. Pipkorn; David J. Allen; Mark S. Bader; and
Stephen J. ShiverskiExecution Date(s): April 7, 2006Additional names of conveying parties attached? ☐ Yes ☒ No**3. Nature of conveyance:**

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies):Name: EMP Advanced Development, LLC

Internal Address: _____

Street Address: 2701 N. 30th StreetCity: EscanabaState: MICountry: USAZip: 49829Additional names, addresses, or citizenship attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/399,901

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**Name: John R. BuserInternal Address: Brooks Kushman P.C.Street Address: 1000 Town CenterTwenty-Second FloorCity: SouthfieldState: MI Zip: 48075-1238Phone Number: (248) 358-4400Fax Number: (248) 358-3351Email Address: jbuser@brookskushman.com**6. Total number of applications and patents involved:****7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card
☐ Authorized to be charged to Deposit Account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

John R. Buser

Name of Person Signing

Date

Total number of pages including cover
sheet, attachments, and document: 3OFFICE OF PUBLIC RECORDS
726 MAY 22 PM 12:31
FINANCE SECTION05/24/2006 11:14:59
00000072 11349901

01 FC:6021

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Nicholas T. Pipkorn, of 8 Weston Ave., Gladstone, MI 49837; David J. Allen, of 5972 Norway Pine, Gladstone, MI 49837; Mark S. Badcr, of 7324 Lake Bluff 0.75 Lane, Gladstone, Michigan 49837; and Stephen J. Shiverski, of N20007 Shiverski Lane, Perronville, Michigan 49873 respectively, do hereby assign, sell and set over to EMP Advanced Development, LLC, a corporation organized and existing under the laws of the State of Michigan, and having a place of business at 2701 N. 30th Street, Escanaba, Michigan 49829, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

FLUID VALVE

for which an application for a United States Patent is to be filed or will have been filed on 04/07/06, as Application Serial No. 11/399,901 (we hereby authorize our attorney to insert the application filing date and serial number when they become known), including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein

Date: 4/7, 2006

Nicholas T. Pipkorn
NICHOLAS T. PIPKORN

Date: 4/7, 2006

David J. Allen
DAVID J. ALLEN

Date: 4/7, 2006

Mark S. Bader
MARK S. BADER

Date: 4/7, 2006

Stephen J. Shiverski
STEPHEN J. SHIVERSKI

STATE OF Michigan
COUNTY OF Delta

Nicholas T. Pipkorn
Nicholas T. Pipkorn

On this 7th day of April, 2006, personally appeared before me Nicholas T. Pipkorn, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Cynthia L. Eugate
Notary Public
My Commission expires: **CYNTHIA L. EUGATE**
NOTARY PUBLIC DELTA CO., MI
MY COMMISSION EXPIRES Oct 21, 2008

STATE OF Michigan
COUNTY OF Delta

David J. Allen
David J. Allen

On this 7th day of April, 2006, personally appeared before me David J. Allen, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Cynthia L. Eugate
Notary Public
My Commission expires: **CYNTHIA L. EUGATE**
NOTARY PUBLIC DELTA CO., MI
MY COMMISSION EXPIRES Oct 21, 2008

STATE OF Michigan
COUNTY OF Delta

Mark S. Bader
Mark Bader

On this 7th day of April, 2006, personally appeared before me Mark S. Bader, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Cynthia L. Eugate
Notary Public
My Commission expires: **CYNTHIA L. EUGATE**
NOTARY PUBLIC DELTA CO., MI
MY COMMISSION EXPIRES Oct 21, 2008

STATE OF Michigan
COUNTY OF Delta

Stephen J. Shiverski
Stephen J. Shiverski

On this 7th day of April, 2006, personally appeared before me Stephen J. Shiverski, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Cynthia L. Eugate
Notary Public
My Commission expires: **CYNTHIA L. EUGATE**
NOTARY PUBLIC DELTA CO., MI
MY COMMISSION EXPIRES Oct 21, 2008