

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|-----------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Subramanian VALLAPUZHA | 05/01/2006 |
| Scott M. THAYER | 05/01/2006 |
| Eric C. CLOSE | 05/01/2006 |
| Joseph SALOTTI IV | 05/02/2006 |
| Ronald GENISE | 05/03/2006 |
| Alan GERBER | 05/04/2006 |
| Adam SLIFKO | 05/02/2006 |
| Edison HUDSON | 08/30/2006 |
| Gregory BALTUS | 06/12/2006 |
| Carlos F. REVERTE | 05/01/2006 |
| Prasanna Kumar VELAGAPUDI | 05/01/2006 |

RECEIVING PARTY DATA

| | |
|-----------------|-------------------------|
| Name: | REDZONE ROBOTICS, INC. |
| Street Address: | 484 West Seventh Avenue |
| City: | West Homestead |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 15120 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11340166 |

CORRESPONDENCE DATA

Fax Number: (412)288-3063
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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 Email: ptoipinbox@reedsmith.com
 Correspondent Name: Michelle Pichora, Paralegal

OP \$40.00 11340166

Address Line 1: P.O. Box 488
Address Line 2: Reed Smith, LLP
Address Line 4: Pittsburgh, PENNSYLVANIA 15230-0488

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|-------------------------|-------------------------|
| ATTORNEY DOCKET NUMBER: | 159020.20008.7224.06009 |
|-------------------------|-------------------------|

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|--------------------|------------------|
| NAME OF SUBMITTER: | Michelle Pichora |
|--------------------|------------------|

Total Attachments: 8
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source=05009assignment#page8.tif

A S S I G N M E N T

WHEREAS, we, Subramanian VALLAPUZHA, a citizen of India; Scott M. THAYER, Eric C. CLOSE, Joseph SOLATTI, Ronald GENISE, Alan GERBER, Adam SLIFKO, Edison HUDSON, Gregory BALTUS, Carlos F. REVERTE and Prasanna Kumar VELAGAPUDI, citizens of the United States of America, have invented and own a certain invention entitled

**METHODS AND DEVICES FOR AUTOMATED WORK
IN PIPES BASED ON IMPEDANCE CONTROL**

for which an application for Letters Patent of the United States was filed on January 25, 2006, and assigned Serial No. 11/340,166; and

WHEREAS, REDZONE ROBOTICS, INC., a corporation organized and existing under the laws of the Commonwealth of Pennsylvania and having a place of business at 484 West Seventh Avenue, West Homestead, Pennsylvania 15120 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Design Patents, Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by any application or any continuation, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNORS HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Design Patents or Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Design Patents or Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Subramanian VALLAPUZHA

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Scott M. THAYER

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Eric C. CLOSE

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Joseph SOLATTI

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Ronald GENISE

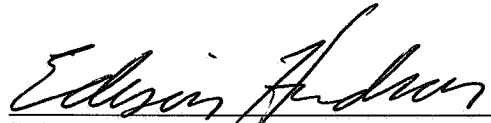
IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Alan GERBER

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Adam SLIFKO

IN WITNESS WHEREOF, I have hereunto set my hands and seal this 30th
day of August, 2006.


Edison HUDSON

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Gregory BALTUS

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Carlos F. REVERTE

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

Prasanna Kumar VELAGAPUDI

ASSIGNMENT

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ASSIGNORS HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Design Patents or Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Design Patents or Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

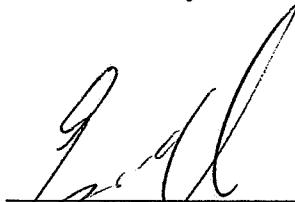
IN WITNESS WHEREOF, I have hereunto set my hands and seal this 1
day of MAY, 2006.


Subramanian VALLAPUZHA

IN WITNESS WHEREOF, I have hereunto set my hands and seal this 1
day of May, 2006.


Scott M. THAYER

IN WITNESS WHEREOF, I have hereunto set my hands and seal this 1
day of MAY, 2006.


Eric C. CLOSE


IN WITNESS WHEREOF, I have hereunto set my hands and seal this 2

day of May, 2006.


Joseph SALOTTI


IN WITNESS WHEREOF, I have hereunto set my hands and seal this 3

day of May, 2006.


Ronald GENISE

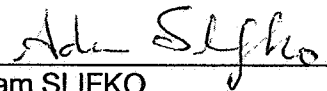
IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____

day of May 4, 2006.


Alan GERBER

IN WITNESS WHEREOF, I have hereunto set my hands and seal this 2

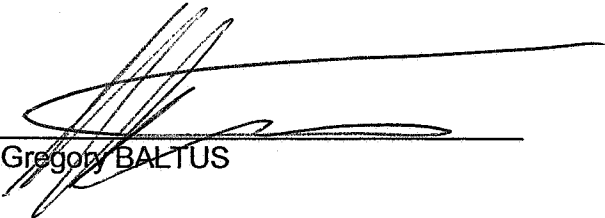
day of May, 2006.


Adam SLIFKO

IN WITNESS WHEREOF, I have hereunto set my hands and seal this _____
day of _____, 2006.

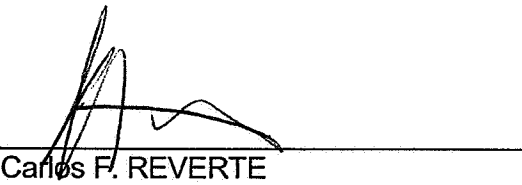
Edison HUDSON

IN WITNESS WHEREOF, I have hereunto set my hands and seal this 12
day of JUNE, 2006.



Gregory BALTUS

IN WITNESS WHEREOF, I have hereunto set my hands and seal this 1
day of May, 2006.



Carlos F. REVERTE

IN WITNESS WHEREOF, I have hereunto set my hands and seal this 1
day of MAX, 2006.



Prasanna Kumar VELAGAPUDI