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Address (line 2)		separate document from Assignment.)
Address (line 3) Campbell	Ohio 4440	
Domestic Representative Name and		o Code
Name Robert J. Herberge	-	
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Address(line 1) 500 City Centre Or		
Address (line 2) P.O. Box 507		
Address(line 3) Youngstown, Ohio 4	4501-0507	
Address (line 4)		
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PATENT REEL: 014073 FRAME: 0722

Correspondent Name and Address       Area Code and Telephone Number 330-744-4481         Name       Robert J. Herberger, Esq.         Address (ime 4)       500 City Centre One         Address (ime 4)       FO. Box 507         Address (ime 4)       Youngstown, Ohio 44501-0507         Address (ime 4)       Pages         Pages       Enter the total number of pages of the attached conveyance document         #	FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Address (line 1)       500 City Centre One         Address (line 1)       For Example 1         Address (line 1)       P.O. Box 507         Address (line 3)       Youngstown, Ohio 44501-0507         Address (line 4)       Pages         Enter the total number of pages of the attached conveyance document including any attachments.       #         Application Number(s) or Patent Number(s)       Mark if additional numbers attached         Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).         Patent Application Number(s)       Patent Number(s)         If this document is being filed together with a tagy. Patent Application, enter the date the patent application was Signed by the first anamed executing inventor.         Year       S/9/03         Patent Cooperation Treaty (PCT)       Pct         Pct       Pct         If this docether with a tagy. Patent Application, enter the date the patent application was Signed by the first anamed executing inventor.         Year       S/9/03         Patent Cooperation Treaty (PCT)       Pct         Pct       Pct         Number of Properties       Enter the total number of properties involved. # [         Fee Amount       Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00         Method of Payment:       Enclosed X       Deposit Accoun	Correspondent Name and Address	Area Code and Telephone Number	330-744-4481			
Address(line 3)       P.O. Box 507         Address(line 3)       Youngstown, Ohio 44501-0507         Address(line 4)	Name Robert J. Herberg	ger, Esq.				
Address (line a)       Youngstown, Ohio 44501-0507         Address (line a)       Youngstown, Ohio 44501-0507         Address (line a)       Pages         Enter the total number of pages of the attached conveyance document including any attachments.       #	Address(line 1) 500 City Centre C	Dne				
Address (line 4)	Address (line 2) P.O. Box 507					
Pages       Enter the total number of pages of the attached conveyance document including any attachments.         Application Number(s) or Patent Number(s)       Mark if additional numbers attached         Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).         Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).         Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers)         Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers)         Patent Application Number or the Patent Application, enter the date the patent application was         Month       Day         Year         signed by the first named executing inventor.         Patent Cooperation Treaty (PCT)       PcT         PcT       PcT         only if a U.S. Application Number       PcT         PcT       PcT         only if a U.S. Application Number       PcT         PcT       PcT         nas not been assigned.         Number of Properties       Enter the total number of properties involved.         Method of Payment:       Enclosed X       Deposit Account         Deposit Account       Deposit Account       13-2494         Deposit Account Number:       Yeas       No         Statement and Sign	Address(line 3) Youngstown, Ohio	44501-0507				
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If this document is being filed together with a new Patent Application, enter the date the patent application was Month Day Year signed by the first named executing inventor.       Month Day Year 5/9/03         Patent Cooperation Treaty (PCT)       PCT       PCT       PCT         Enter PCT application number only if a U.S. Application Number PCT       PCT       PCT       PCT         Number of Properties       Enter the total number of properties involved.       # 1         Fee Amount       Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00         Method of Payment:       Enclosed X       Deposit Account         Deposit Account       Imposit Account       # 13-2494         If the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.         Robert J. Herberger       S/13/03		,				
signed by the first named executing inventor.       5/9/03         Patent Cooperation Treaty (PCT)       PCT       PCT         Enter PCT application number       PCT       PCT         only if a U.S. Application Number       PCT       PCT         has not been assigned.       PCT       PCT         Number of Properties       Enter the total number of properties involved.       # 1         Fee Amount       Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00         Method of Payment:       Enclosed X       Deposit Account         Deposit Account       Imposit Account       Imposit Account         (Enter for payment by deposit account or if additional fees can be charged to the account.)       # 13-2494         Deposit Account       Deposit Account       Imposit Account         Statement and Signature       To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.         Robert J. Herberger       Sil3/03						
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Deposit Account         (Enter for payment by deposit account or if additional fees can be charged to the account.)         Deposit Account Number:         Authorization to charge additional fees:         Yes         X         No         Statement and Signature         To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.         Robert J. Herberger	Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00			
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Authorization to charge additional fees:       Yes       X       No         Statement and Signature       To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.         Robert J. Herberger       5/3/03	(Enter for payment by deposit account or if ad		<b>#</b> ]]3-2494			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein. Robert J. Herberger			Yes X No			
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Name of Person Signing Signature Date	attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein. Robert J. Herberger					
	Name of Person Signing	Signature	Date			

PATENT REEL: 014073 FRAME: 0723

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Conveying Pa		Mark if addition	nal names of conveying p	arties attached	
Enter additional Co	onveying Parties				Execution Date Month Day Year
Name (line 1) K	evin A. Shar			,	5/12/03
Name (line 2)					Execution Date Month Day Year
Name (line 1)					
Name (line 2)					Execution Date
Name (line 1)					Month Day Year
Name (line 2)					]
Receiving Par	ty(ies)		Mark if additional names	of receiving part	ies attached
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Name (line 2)					receiving party is not domiciled in the United States, an appointment
Address (line 1)					of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	City		State/Country	Zip Co	de
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a
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PATENT REEL: 014073 FRAME: 0724 ٦

#### <u>ASSIGNMENT</u>

WHEREAS, Michael W. Shultz, Christopher P. Eash and Kevin S. Shar, are the inventors of a certain new and useful invention disclosed in an application for United States Letters Patent titled "REMOTELY ACTUATED APPARATUS FOR THROWING AN OBJECT" (hereinafter called "Patent Application"), being filed in the U.S. Patent and Trademark Office; and

WHEREAS, Michael W. Shultz, an individual residing at 315 Struthers Liberty Road, Campbell, Ohio 44405 (hereinafter with any successors, legal representatives and assigns thereof, called "Assignee") is to acquire the entire and undivided right, title and interest in and to said Patent Application and patents resulting therefrom, from Assignors; and

WHEREAS, International Engineering Solutions, Inc., is a corporation organized, existing and in good standing under the laws of the State of Ohio having its business address at 12480 DeBartolo Drive, North Jackson, Ohio 44451; Christopher P. Eash, an employee of International Engineering Solutions, Inc., and an individual residing at 435 Pennsylvania Avenue, McDonald, Ohio 44437; and Kevin A. Shar, an employee of International Engineering Solutions, Inc., and an individual residing at 101 Hood, Canfield, Ohio 44406 (hereinafter with any successors, legal representations and assigns thereof, called "Assignors") is to assign all their rights, title and interest in and to said Patent Application to Assignee, including any unpaid royalties, and each Assignor, therefore, warrants and represents herein that their joint interest merge and Assignee shall have the entire and full unencumbered right, title and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Assignors, have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee, free and clear of all liens and encumbrances,

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PATENT REEL: 014073 FRAME: 0725 the entire right, title and interest in said Patent Application and all applications, substitutions, divisionals, continuations and continuations-in-part thereof, and all subsequent United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all other patents and applications for patents (including related rights such as utility-model registrations, inventor's certificates and the like) heretofore or hereafter filed in any foreign countries to said invention, and all patents (including all extensions, renewals and reissues thereof) granted in any foreign countries to said invention; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to transfer, maintain and issue patents on applications as aforesaid, to transfer, maintain and issue all patents for said invention, including the said Patent Application, to Assignee in accordance with the terms of this Assignment;

**AND WE HEREBY** covenant that we, the undersigned Assignors, have full authority, right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY covenant that we, the undersigned Assignors, will execute or procure any further necessary assurance of title to said Patent Application, and at any time, upon the request and at the expense of said Assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention, the Patent Application or any Letters Patent which may be granted therefore hereinafter in said Assignee, his successors, assigns or other legal representatives;

AND WE HEREBY further covenant and agree that we, the undersigned Assignors, without further compensation therefore, will communicate to Assignee any facts known to us respecting said

PATENT REEL: 014073 FRAME: 0726

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Patent Application, and upon the request and at the expense of Assignee, will testify in any legal proceeding, sign all lawful papers, execute any additional, divisional, continuation, continuations-inpart, substitute or reissue applications for patents for said invention, or any part thereof, and for the reissue of any Letters Patent to be granted therefore hereafter, and will make all rightful oaths and generally do everything possible for procuring the same or for aiding Assignee to obtain and enforce proper patent protection for said invention in all countries, including the United States.

IN TESTIMONY WHEREOF, we, the Assignors, have hereunto set our hands this \_\_\_\_\_\_\_ day of \_\_\_\_\_\_\_, 2003.

ASSIGNEE

Shultz

ASSIGNORS

Christopher P. Eash

e Xh

Kevin A. Shar

INTERNATIONAL ENGINEERING SOLUTIONS, INC.

An Authorized Officer

(corporate seal of International Engineering Solutions, Inc.)

### STATE OF OHIO

## **COUNTY OF MAHONING**

On this  $\underline{12^{th}}$  day of  $\underline{12^{th}}$  day of  $\underline{12^{th}}$ , 2003, personally appeared **Christopher P. Eash**, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above Assignment, and acknowledge that he executed the same and that he signs this as a free act and deed.

) ss.

NANCY ESPARRA, Notary Public State of Ohio My Commission Expires January 4, 2004

### STATE OF OHIO

#### **COUNTY OF MAHONING**

On this  $12^{4/2}$  day of  $4^{4/2}$  day of  $4^{4/2}$ , 2003, personally appeared Kevin A. Shar, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above Assignment, and acknowledge that he executed the same and that he signs this as a free act and deed.

) ss.

MANCY ESPARRA, Notary Public State of Ohio My Commission Expires January 4, 2004

**STATE OF OHIO** 

**COUNTY OF MAHONING** 

On this  $12^{\text{H}}$  day of  $17^{\text{H}}$  known to me to be the person who is an authorized officer of **International Engineering Solutions, Inc.**, the corporation which executed the foregoing Assignment, signed the same, and acknowledged to me that he did so sign said Assignment in the name and on behalf of said Corporation as such officers; that the same is the free act and deed as such officers, and the free and corporate act and deed of said Corporation; that he is duly authorized thereunto by its Board of Directors to execute the foregoing Assignment; and that the seal affixed to said Assignment, if any, is the corporate seal of said Corporation.

) ) ss.

NANCY ESPARRA, Notary Public

C NANCT ESTAINA, Itolary + 1112 State of Ohio My Commission Expires January 4, 2004

Attomey Docket No. 3452.02

PATENT REEL: 014073 FRAME: 0728

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# RECORDED: 05/13/2003