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U.S. PTO  
11/704641  
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FORM PTO-1595  
(Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 073903-0052

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Martin M. Gram  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: MTS Systems Corporation  
Address: 14000 Technology Drive  
Eden Prairie, MN 55344  
  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
  
 Other  
Execution February 6, 2007  
Dates:

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is: February 8, 2007  
A. Patent Application No(s). 11/704641  
B. Patent No(s).  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT WILL & EMERY LLP  
Internal Address:  
  
Street Address: 4370 La Jolla Village Drive, Suite 700  
  
City: San Diego State: CA Zip: 92122

6. Total number of applications and patents involved:  
  
7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
502624

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9. 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.*  
  
John A. Hankins, Reg. No. 32,029 February 8, 2007

Name and Registration No. of Person Signing Signature Date  
Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

ASSIGNMENT

WHEREAS I, Martin M. Gram of 4111 Wooddale Avenue S., Minneapolis, MN 55416, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled BLAST SIMULATOR WITH HIGH VELOCITY ACTUATOR, and filed concurrently herewith;

AND WHEREAS, MTS SYSTEMS CORPORATION, a corporation of the State of Minnesota and having an address of 14000 Technology Drive, Eden Prairie, MN 55344 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto MTS SYSTEMS CORPORATION, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said MTS SYSTEMS CORPORATION, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Feb 6 2007

Martin M Gram

Date

Signature

Signature Witness:

STATE OF Minnesota

) SS:

COUNTY OF Hennepin

On this 6<sup>th</sup> day of February, 2007, before me, the undersigned notary public, personally appeared Martin M Gram, proved to me through satisfactory evidence of identification, which consisted of Minnesota Driver's License to be the person whose name is signed on the preceding or attached document in my presence.

Donna J. Baker

Notary Public

My commission expires January 31, 2010

SDO 56967-1.073903.0052

