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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-1595
(Rev. 10/02)

Docket No.: 073903-0049

PATENTS ONLY

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

1. Name of Conveying Party(ies):
Bradley D. Schulz
Harold F. Fahrendorff
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

3. Nature of Conveyance:
 Assignment Merger
 Other

Execution Dates: 01/02/07 and 12/22/06

Additional name(s) & address(es) attached? Yes No

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: January 5, 2007

A. Patent Application No(s).

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: 1
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

Name and Registration No. of Person Signing

Signature

January 5, 2007

Total number of pages including cover sheet: 3

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

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DATE

01/12/2007

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Docket No.: 073903-0049

ASSIGNMENT

WHEREAS WE, Bradley D. Schulz, Harold F. Fahrendorff of Savage, MN and Golden Valley, MN, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ORTHOPEDIC SIMULATOR WITH FLUID CONCENTRATION MAINTENANCE ARRANGEMENT FOR CONTROLLING FLUID CONCENTRATION OF SPECIMEN BATHS 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, We 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, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We 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 choices 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 We 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.

Date: 1/2/07

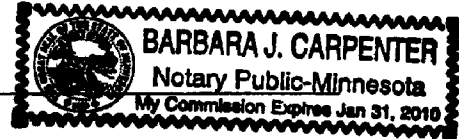
Bradley D. Schulz
Bradley D. Schulz

Signature Witness:

STATE OF Minnesota
COUNTY OF Hennepin) SS:

On this 2nd day of January, 2007, before me, the undersigned notary public, personally appeared Bradley D. Schulz, proved to me through satisfactory evidence of identification, which consisted of personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

Barbara J. Carpenter
Notary Public
My commission expires 1-31-2010



Date: 12/22/06

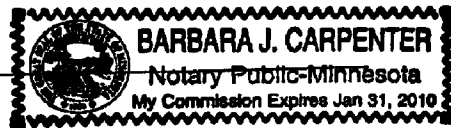
Harold F. Fahrendorff
Harold F. Fahrendorff

Signature Witness:

STATE OF Minnesota
COUNTY OF Hennepin) SS:

On this 20th day of December, 2006, before me, the undersigned notary public, personally appeared Harold F. Fahrendorff, proved to me through satisfactory evidence of identification, which consisted of personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

Barbara J. Carpenter
Notary Public
My commission expires 1-31-2010



SDO 54313-1.073903.0049