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Attorney Docket No. 153486

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1. A. Name of conveying parties:

1) Masahide ASANO  
 2) Mitsuharu HATTORI

B. Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. A. Name and address of receiving party:

BROTHER INDUSTRIES, LTD.  
 15-1 NAESHIRO-CHO,  
 MIZUHO-KU, NAGOYA-SHI,  
 AICHI-KEN 467-8561,  
 JAPAN

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

3. A. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

B. Execution Date: ALL - June 13, 2012

4. A. Patent Application No. 29/424,659 B. Patent No.(s)

Additional numbers attached?  Yes  No

C. Title of Application: FOOT CONTROLLER FOR SEWING MACHINE

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**  
**P.O. Box 320850**  
**Alexandria, VA 22320-4850**  
**Phone Number: 703-836-6400**  
**Fax Number: 703-836-2787**

6. Total number of applications and patents involved: 1

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*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.*

Date: June 14, 2012

James A. Oliff, Registration No. 27,075  
 Justin T. Lingard, Registration No. 61,276

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ASSIGNMENT

(1-6) Insert Name(s) of Inventor(s)

(1) Masahide ASANO (5) \_\_\_\_\_

(2) Mitsuharu HATTORI (6) \_\_\_\_\_

(3) \_\_\_\_\_ (7) \_\_\_\_\_

(4) \_\_\_\_\_ (8) \_\_\_\_\_

(5) \_\_\_\_\_ (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) BROTHER INDUSTRIES, LTD.

(10) Insert Address of Assignee (10) 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification of Invention such as Title, Case Number, or Foreign Application Number (11) FOOT CONTROLLER FOR SEWING MACHINE

(Attorney Docket No. 153486)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12) on Jun. 13, 2012

(13) Alternative Identification for filed applications (13) U.S. application Serial Number 29/424,659  
filed June 14, 2012

- 1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Jun. 13, 2012 Name of Inventor Masahide Asano (SEAL)

Date Jun. 13, 2012 Name of Inventor Mitsuharu Hattori (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

PATENT (SEAL)