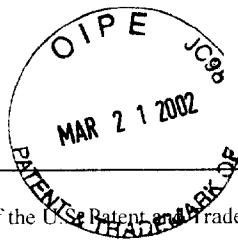


Director of the U.S. Patent  
and Trademark Office  
Box Assignments  
Washington, D.C. 20231

RECOF

03-27-2002

DEPARTMENT OF COMMERCE  
Patent and Trademark Office



102033500

by Docket No. Bruner →  
Brother

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. A. Name of conveying party(ies):  
David A. BRUNER

3-21-02

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

2. A. Name and address of receiving party(ies):  
BROTHER KOGYO KABUSHIKI KAISHA  
15-1, NAESHIRO-CHO  
MIZUHO-KU, NAGOYA 467  
JAPAN

3. A. Nature of conveyance:

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

B. Execution Date: October 15, 2001

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

4. A. If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

B. Patent Application No.(s) \_\_\_\_\_

C. Patent No.(s) 5,268,545

Additional numbers attached? ☐ Yes ☒ No

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 19928  
Alexandria, VA 22320

6. Total number of applications and patents involved: 1

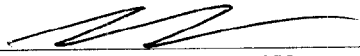
7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 128986)

8. Credit any overpayment or charge any underpayment to  
deposit account number 15-0461.

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.*

  
James A. Oliff, Registration No. 27,075  
Eric D. Morehouse, Registration No. 38,565

Date: March 21, 2002

Total number of pages including cover sheet, attachments, and document: 2

03/26/2002 LMUELLER 00000137 5268545

01 FC:581

40.00 00

**PATENT**  
**REEL: 012698 FRAME: 0888**

# WORLDWIDE ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) David A. BRUNER (5) \_\_\_\_\_

(2) \_\_\_\_\_ (6) \_\_\_\_\_

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

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

In consideration of the sum of \$5,000.00 as well as compensation for payment of the most recent maintenance fee and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) Brother Kogyo Kabushiki Kaisha

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

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100 and for all other countries: in the invention; in all applications for patent or similar rights on the invention, said applications including any and all provisional, non-provisional, divisional, continuation, confirmation, substitute and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, confirmations, extensions, reissues and reexamination certificates that may be granted in the U.S. and in all other countries on the invention, known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number (11) LOW PROFILE TACTILE KEYSWITCH

(Attorney Docket No. \_\_\_\_\_).

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application (12) on \_\_\_\_\_

(13) Alternative Identification for filed applications (13) U.S. Patent Number 5,268,545

issued December 7, 1993

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees 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) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm a valid grant to the Assignee in the United States and any other country in which the Assignee may file a patent application(s).

5) Each undersigned authorizes and requests the Director of Patents and other issuing authorities to issue any and all grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of **OLIFF & BERRIDGE, PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

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

Date 12/15/01 Assignor's Signature David A. Bruner

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date 10/15/01 Witness [Signature]

Date 10/15/01 Witness [Signature]