

12-28-2001

B/O FORM PTO-1595 (1/31/92)



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101927337

J1059 U.S. PTO  
10/020204

12/16/01

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of Conveying Party:

1) Satoshi KAWASHIMA  
2) Toshiaki ASAKAWA

12-16-01

Additional names of conveying parties attached.

2. Name and Address of Receiving Party(ies):

Name: Minebea Co., Ltd.

Street Address: 4106-73 Oaza Miyota,  
Miyota-machi,  
Kitasaku-gun

City, State, Zip: Nagano-ken, JAPAN

Additional name(s) and address(es) attached.

3. Nature of Conveyance

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date: 1) December 13, 2001  
2) December 13, 2001

4. (A) Patent Application Number(s):

10,020204

If this document is being filed together with a new application, the execution date of the application is:

1) December 13, 2001 2) December 13, 2001

Additional Numbers Attached.

4. (B) Patent Number(s):

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: Gary M. Nath  
Address: NATH & ASSOCIATES PLLC  
1030 15<sup>th</sup> Street, N.W. - 6<sup>th</sup> Floor  
Washington, D.C. 20005

6. Total Number of Applications and Patents Involved:

1

7. Total Fee:

\$ 40.00

(37 CFR 3.41)

- Enclosed.
- Authorized to be charged to deposit account.

8. Deposit Account Number:  
14-0112

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT.

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing

Gary M. Nath, Reg. No. 26,965  
Jerald L. Meyer, Reg. No. 41,194

December 18, 2001  
Date

Attorney Docket No.: 24855

Total number of pages comprising cover sheet: 1

PATENT  
REEL: 012392 FRAME: 0394

# ASSIGNMENT

Attorney Docket No. 24855

- (1-8) Insert Name(s) of Inventor(s)
- (1) Satoshi KAWASHIMA (5) \_\_\_\_\_  
 (2) Toshiaki ASAKAWA (6) \_\_\_\_\_  
 (3) \_\_\_\_\_ (7) \_\_\_\_\_ and  
 (4) \_\_\_\_\_ (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) Minebea Co., Ltd.  
 (10) Insert Address of Assignee (10) 4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano-ken, 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 divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- (11) Insert Identification, such as Title, Case Number or Foreign Application Number (11) TOUCH PANEL FOR DISPLAY DEVICE INTEGRATED WITH FRONT LIGHT UNIT  
 (Case No. \_\_\_\_\_)

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 December 13, 2001

- (13) Alternative identification for filed applications (13) U.S. application Serial Number \_\_\_\_\_  
 filed \_\_\_\_\_

- The undersigned agree(s) to execute all papers necessary in connection with the 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 Assignee may deem necessary.
- The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 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.
- 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.
- The undersigned hereby authorize(s) and request(s) the Director of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications 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.
- The undersigned hereby grant(s) the firm of \_\_\_\_\_ 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 December 13, 2001 Name of Inventor Satoshi Kawashima (SEAL)  
 Date December 13, 2001 Name of Inventor Toshiaki Asakawa (SEAL)  
 Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)  
 Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

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 \_\_\_\_\_ Witness \_\_\_\_\_  
 Date \_\_\_\_\_ Witness \_\_\_\_\_