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Docket No.:

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(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03



ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies): Toshio MORIYA
Tatsuji YOSHIHARA 11-30-01

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: KASUGA ELECTRIC WORKS, LTD.
Internal Address: _____

Street Address: 3-11 Shimorenjaku 8-chome Mitaka

City: Tokyo 181-8518, JAPAN State: _____ ZIP: _____

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

J1040 U.S. PTO
29/150799
11/30/01

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: Nov. 12 & 15, 2001

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: Nov. 12 & 15, 2001
A. Patent Application No.(s) B. Patent No.(s)

29150799

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: James E. Ledbetter, Esq.
Internal Address: L8099.01101

12/06/2001 ANNEX 1 00000025 194375 29150799
01 FC:581 40.00 CH

Street Address: 1615 L Street, NW
Suite 850

City: Washington State: DC ZIP: 20036

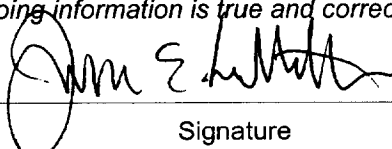
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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8. Deposit account number:
19-4375

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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.
James E. Ledbetter  November 30, 2001
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 0

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

PATENT
REEL: 012339 FRAME: 0712

USA
ASSIGNMENT OF PATENT APPLICATION

(1) Toshio MORIYA
(2) Tatsuji YOSHIHARA
(3) _____
(4) _____
(5) _____

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

(6) KASUGA ELECTRIC WORKS, LTD.
(6a) 3-11 Shimorenjaku 8-chome Mitaka, Tokyo 181-8518, JAPAN
(7) _____
(7a) of _____

(hereinafter designated as the Assignee) the entire rights, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(8) _____ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(9) DESIGN FOR PUSH BUTTON SWITCH
(Case No. L8099.01101)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(10) on _____ or has already filed

(11) U.S. appln. Serial No. _____, filed on _____.

(12) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) 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 and to cooperate with the Assignee in every way possible in obtaining such 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 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 Patent of the United States resulting from said application or any division or divisions or continuing applications thereof 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 agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent Office for recordation of this document.

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

Date X November 12, 2001 Signature of Inventor (1) X Toshio Moriya (Seal)
Date X November 15, 2001 Signature of Inventor (2) X Tatsuji Yoshihara (Seal)
Date _____ Signature of Inventor (3) _____ (Seal)
Date _____ Signature of Inventor (4) _____ (Seal)
Date _____ Signature of Inventor (5) _____ (Seal)

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

Date _____ Signature of Witness _____ (Seal)
Date _____ Signature of Witness _____ (Seal)