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Docket No.: 02410298AA

FORM PTO-1595 (Modified)  
(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

102239681

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

1. Name of conveying party(ies):  
**Hiroshi KAWASAKI**

09/24/02

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

2. Name and address of receiving party(ies):

Name: Mitsumi Electric Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 8-8-2, Kokuryo-cho, Chofu-shi

Tokyo, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

3. Nature of conveyance:

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

Execution Date: Sept. 24, 2002

4. Application number(s) or patent numbers(s):

10/254532

If this document is being filed together with a new application, the execution date of the application is: Sept. 24, 2002

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: Michael E. Whitham

Internal Address: \_\_\_\_\_

10/02/2002 TDIAZ1 00000055 10254532

01 FC:581 40.00 DP

Street Address: Whitham, Curtis & Christofferson, PC

11491 Sunset Hills Road - #340

City: Reston State: VA ZIP: 20190

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
- Authorized to be charged to deposit account

8. Deposit account number:

50-2041

(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 information is true and correct and any attached copy is a true copy of the original document.

Michael E. Whitham-Reg. No. 32,635

Name of Person Signing

Signature

Sept 26, 2002

Date

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

3

JCS85 U.S. PTO  
10/254532  
09/26/02

**ASSIGNMENT OF UNFILED APPLICATION  
FOR UNITED STATES PATENT**

*WHEREAS:*

NAME AND ADDRESS  
OF ASSIGNOR:

Hiroshi KAWASAKI of  
c/o MITSUMI ELECTRIC CO., LTD.,  
8-8-2, Kokuryo-cho, Chofu-shi, Tokyo, Japan

(Hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

TITLE OF INVENTION:

SWITCH

(hereinafter referred to as INVENTION) for which application for Letters Patent of the United States has been executed on even date herewith,

*WHEREAS:*

FULL NAME AND ADDRESS  
OF ASSIGNEE:

MITSUMI ELECTRIC CO., LTD.,  
8-8-2, Kokuryo-cho, Chofu-shi, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

*NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:* Be it known that good and valuable consideration from ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale,

agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.


ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

*IN WITNESS WHEREOF*, I/We have hereunto set hand and seal this 24th day of September, 2002.

DATE OF SIGNING:

Warning: This must be the same as the date of signing of the declaration and power of attorney of the patent or design application.

SIGNATURE(S):  
The signature(s) must correspond with the name(s) of the inventor(s) above. Type name(s) of inventor(s) under signature line(s).



(Signature) Hiroshi KAWASAKI

(Signature)