

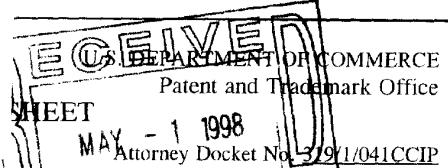
FORM PTO-1595  
(Rev. 6/93)

05-15-1998



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*MAY 1-98*



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

1. Name of conveying party(ies):

Takao Asada, Keiji Nakamura, Isao Shibuya, Yoshiya Yamamoto, Tetsuya Nakamura and Kiyoshi Nakama

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name

Other: \_\_\_\_\_

Execution Date: 3/27/98; 3/27/98; 3/27/98; 3/27/98;  
4/3/98; and 3/26/98 respectively

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

Name: Tanaka Kikinzoku Kogyo K.K.

Address: No. 6-6, Nihonbashi-kayaba-cho

2-chome

Chuo-ku, Tokyo

JAPAN

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

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

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

A. Patent Application No.(s)

08/970,535

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Stefan J. Klauber

Address: KLAUBER & JACKSON

411 Hackensack Avenue, 4th Floor

Hackensack, New Jersey 07601

6. Total number of applications and patents involved: 1

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

Included with application filing fee.

Authorized to be charged to deposit account, if necessary - for overages or underpayments only

8. Deposit account number:

11-1153

(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.

Jack Matalon  
Name of Person Signing

April 28, 1998  
Date

Total number of pages including cover sheet, attachments, and document: 4

05/13/1998 SSMITH 00000233 08970535

Mail documents to be recorded with required cover sheet information to:

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05.22 B

**RECORDATION FORM -- PATENTS ONLY**

For USSN: 08/970,535

Attorney Docket: 319/1/041CCIP

2. Additional names and addresses of receiving parties:

Mabuchi Motor Co., Ltd.  
No. 430, Matsuhidai, Matsudo-shi  
Chiba-ken, Japan

Docket No.: 319/1/041CCIP

**ASSIGNMENT**

WHEREAS, we, the undersigned,

Takao ASADA, residing at

c/o Tanaka Kikinzoku Kogyo K.K., Technical Center  
No. 2-73, Shinmachi  
Hiratsuka-shi  
Kanagawa, 254, Japan;

Keiji NAKAMURA, residing at

c/o Mabuchi Motor Co., Ltd., Technical Center  
280, Ryuhukuji, Motono-mura, Inba-gun,  
Chiba-ken, 270-13, Japan;

Isao SHIBUYA, residing at

c/o Mabuchi Motor Co., Ltd., Technical Center  
280, Ryuhukuji, Motono-mura, Inba-gun,  
Chiba-ken, 270-13, Japan;

Toshiya YAMAMOTO, residing at

c/o Tanaka Kikinzoku Kogyo K.K., Technical Center  
2-73, Shinmachi, Hiratsuka-shi,  
Kanagawa-ken, 254, Japan;

Tetsuya NAKAMURA, residing at

c/o Tanaka Kikinzoku Kogyo K.K., Technical Center  
2-73, Shinmachi, Hiratsuka-shi,  
Kanagawa-ken, 254, Japan; and

Kiyoshi NAKAMA, residing at

c/o Tanaka Kikinzoku Kogyo K.K., Technical Center  
2-73, Shinmachi, Hiratsuka-shi,  
Kanagawa-ken, 254, Japan

all being citizens of Japan, have invented certain new and useful improvements in

**Ag-Cu ALLOY FOR A SLIDING CONTACT**

for which we have filed an Application for Letters Patent in the United States on November 14, 1997 with Serial No. 08/970,535; and

WHEREAS,

TANAKA KIKINZOKU KOGYO K.K.  
No. 6-6, Nihonbashi-kayaba-cho 2-chome  
Chuo-ku  
Tokyo, Japan

and

MABUCHI MOTOR CO., LTD.  
No. 430, Matsuhidai, Matsudo-shi,  
Chiba-ken, Japan

are desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which is hereby acknowledged, we the said

ASSIGNORS

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to the said

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their successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

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their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the interest herein assigned in the manner hereinabove set forth, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said

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their successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

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their successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

Date March 27, 1998

Takao Asada L.S.  
Takao Asada

Date March 27, 1998

Keiji Nakamura L.S.  
Keiji Nakamura

Date March 27, 1998

Isao Shibuya L.S.  
Isao Shibuya

Date March 27, 1998

Toshiya Yamamoto L.S.  
Toshiya Yamamoto

Date April 3, 1998

Tetsuya Nakamura L.S.  
Tetsuya Nakamura

Date March 26, 1998

Kiyoshi Nakama L.S.  
Kiyoshi Nakama