

08-28-2000



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PATENTS ONLY

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7.31-00

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies)

Attorney Reference No.

<u>Conveying Party(ies)</u>	<u>Execution Date</u>
Tatsuya HIRAI	December 22, 1999
Kenshi SUZUKI	December 22, 1999
Takaaki TSUDA	December 22, 1999
Masatoshi SONODA	December 22, 1999

Mark if additional names of conveying parties attached

Receiving Party Tsubakimoto Chain Co.
17-96, Tsurumi 4-chome, Tsurumi-ku, Osaka-shi
Osaka-shi
Osaka-fu JAPAN Mark if additional names of conveying parties attached

Conveyance Type: ASSIGNMENT

Total No. of Pages of conveyance document(including any attachments) 1

Properties Conveyed Mark if additional numbers attached

Patent Application No(s).Conveyed	Patent No(s). Conveyed
09/474,156	

Total Number of Properties Involved 1

If this document is being filed together with a new patent application, enter the date the patent application was signed by the first named executing inventor (mm/dd/yyyy)

Fee Amount

\$40 Fee Amount for Properties Listed (37 CFR 3.41)

Method of Payment: Charge Deposit Account 04-1406

The Commissioner is Authorized to charge additional fees or credit any overpayment to Deposit Account No. 04-1406

Address for Correspondence and Statement

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. Charges to the deposit account are authorized, as indicated herein.

July 26, 2000

Henry H. Skillman Reg. No. 17,352
Dann, Dorfman, Herrell & Skillman
1601 Market Street, Suite 720
Philadelphia, PA 19103

Date

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08/28/2000 DNG/VEV 00000196 041406 09474156

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PATENT
REEL: 011017 FRAME: 0132

ASSIGNMENT

WHEREAS Tatsuya HIRAI, Kenshi SUZUKI, Takaaki TSUDA and Masatoshi SONODA, herein referred to **ASSIGNOR**, is a named inventor of an invention entitled **SPRING-ACTUATED ELECTROMAGNETIC BRAKE WITH NOISE SUPPRESSING DEVICE** described and claimed in United States Patent Application executed concurrently with this Assignment/filed as Application No.

WHEREAS, TSUBAKIMOTO CHAIN CO., a company organized and existing under and by virtue of the laws of Japan, and engaged in business at 17-96, Tsurumi 4-chome, Tsurumi-ku, Osaka-shi, Osaka-fu, Japan, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to **ASSIGNOR** by **ASSIGNEE**, the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNOR** has sold, assigned and set over and hereby does sell, assign and set over, unto assignee, its successors and assigns, his or her entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention, and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And **ASSIGNOR** hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to **ASSIGNEE**, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of **ASSIGNEE**, its successors and assigns, **ASSIGNOR** will execute any further papers and do such other acts and things as may be necessary and proper to permit **ASSIGNEE**, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as **ASSIGNEE**, its successors and assigns may elect, and vest the full title thereto in **ASSIGNEE**, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.

December 22, 1999
Date

December 22, 1999
Date

December 22, 1999
Date

December 22, 1999
Date

Tatsuya Hirai
Tatsuya HIRAI

Kenshi Suzuki
Kenshi SUZUKI

Takaaki Tsuda
Takaaki TSUDA

Masatoshi Sonoda
Masatoshi SONODA