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FRADEMARK OFFICE

Attorney Docket No. 4013-000027

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

1.31.00

Commissioner of Patents and Trademarks U.S. Patent and Trademark Office Washington, D.C. 20231



Sir:		
case.	Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this The following information is provided:	
	(1)	Name Of Party Conveying The Interest:
		John R. Miller Jerome Mis
	(2)	Name And Address Of Party Receiving The Interest:
		NTN Corporation 3-17, 1-Chome Kyomachihori, Nishi-ku, Osaka, 550 Japan
	(3)	Description Of The Transaction To Be Recorded:
		[X] Assignment [] License [] Change of Name [] Other
	(4)	Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:
		[] Serial Number, filed [X] Application being filed concurrently herewith. [] Patent Number, issued

The Request To Record Should Be Mailed:

Name And Address Of The Party To Whom Correspondence Concerning

P.O. Box 828
Bloomfield Hills, MI 48303
08/09/2000 MGDRDDN 00000024 09626826

Eric J. Sosenko, Esq.

Harness, Dickey & Pierce, P.L.C.

40.00 OP

(5)

FC:581

PATENT REEL: 010987 FRAME: 0842

(6)	Number Of Applications and/or Patents Identified In The Cover Sheet And Total
	Recordal Fee:

Number of Applications/Patents: ____1

Total Recordal Fee Enclosed: 40.00

(7) Date(s) The Document Was Executed: June 29, 2000

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) have/has not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due.

Respectfully submitted,

Eric J. Sosenko Reg. No. 34,440

Attorney for Applicants

Date: July 27, 2000

ASSIGNMENT BY JOINT INVENTORS

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented

SEGMENTED LOCKING RETAINER FOR ONE-WAY CLUTCH

for which Assignors are about to make United States application for patent; and

WHEREAS, NTN Corporation, 3-17, 1-Chome, Kyomachihori, Nishi-ku, Osaka, 550 Japan, a Japanese Corporation hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for patent in the United States and in all foreign countries, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee.

John Miller	Jerome Pris
John R. Miller (First Joint Inventor)	Jerny Mis JEROME MIS JM. (Second Joint Inventor)
State of Yuchgan))ss.
County of Nayn	
On this $\cancel{\cancel{39}}^{\cancel{\cancel{\cancel{40}}}}$ day of _ appeared the foregoing individua	, 20 <u>/-o</u> before me personally lls/ who executed the foregoing instrument and who ecuted the same of their own free will for the purpose
	Notary Public, DONNA L. STRUPP
	Notary Public, DONNA L. STRUPP
(seal)	NOTARY PUBLIC - WAYNE COUNTY, MI MY COMMISSION EXPIRES 08/25/00 / Lickingan County, State of
	My Cor∕nmission Expires: <u>S⋅25-co</u> √

This document must be executed before the same notary by all inventors on the same day as they sign the application.]

RECORDED: 07/31/2000