Form PTO-' RECORDA' (Rev. 06/04 12-21-2004





U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 100725-00133

Date: December 15, 2004 102908198 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies)/Execution Date(s): Name and address of receiving party(ies): Masazumi KOBAYASHI; Tohru NAKAGAWA; Name: NTN Corporation Tomoshige KOBAYASHI; Masamichi NAKAMURA Address: 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka-fu, Japan Execution Date(s): October 20, 2004 Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☐ Merger☐ Change of Name ☐ Security Agreement ☐ Government Interest Assignment Additional name(s) & address(es) attached? ☐ Yes ☑ No Executive Order 9424, Confirmatory License Other 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 10/931,207 Additional numbers attached?

Yes 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: One document should be mailed: 7. Total fee (37 CFR 3.41)...... \$ 40.00 Arent Fox PLLC Name: Included in Check # Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Authorized to be charged by credit card. Washington, D.C. 20036-5339 Authorized to be charged to Deposit Account. Any additional fees are authorized to be charged to Tel. No.: 202-857-6000 deposit account. Fax No.: 202-638-4810 8. Payment Information Email Address: dcipdocket@arentfox.com a. Credit Card Last 4 Numbers: Expiration Date: 12/18/2004 NNGUYEN1 00000010 10931207 b. Deposit account number: 01-2300 (Attach duplicate 40.00 DP 03 F**(:**8021 copy of this page if paying by deposit account) Authorized User Name: DO NOT USE THIS SPACE 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. George E. Oram, Jr. December 15, 2004 Name of Person Signing Date Reg. No. 27,931 Total number of pages including cover sheet, attachments, and document: 2

> PATENT REEL: 016078 FRAME: 0506

ARENT FOX PLLC

Docket Number	100725-00133
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

	compactation para to an analysisma m	tor(b) (hereimiter ribble) (or) by		
Insert	NTN CORPORATION			
SSIGNEE's		ori 1-chome, Nishi-ku, Osaka-shi,		
lame(s) .ddress(es)]	Osaka-fu, Japan			
	(hereinafter ASSIGNEE), the receipt of whereby sells, assigns and transfers to ASSIGNEE) invention entitled		•	
Title of nvention]	FIXED TYPE CONSTANT VELOCITY UNIVERSAL JOINT			
*If the assignment s being filed fter the filing of the pplication, this ection must be ompleted]	for which application for Letters Patent of the United States was filed on September 1, 2004, and assigned Serial Number 10/93/, 207 (Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.			
	The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.			
	IN WITNESS WHEREOF, the undersigned	d inventor(s) has (have) affixed his	/her/their signature(s).	
Signature(s) f Assignor(s)]	Masuzumi Kobayashi (SIGNATURE) Johru Makagawa (SIGNATURE)	Masazumi KOBAYASHI (TYPE NAME) Tohru NAKAGAWA (TYPE NAME)	October 20, 2004 (DATE) October 20, 2004 (DATE)	
	Jomoshige Kohayashi (SIGNATURE) Masamichi hakamura	Tomoshige KOBAYASHI (TYPE NAME)	(Octalor 20, 2004) (DATE)	
	masamichi hakamura	Masamichi NAKAMURA	October 20, 2004	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	

NO LEGALIZATION REQUIRED

RECORDED: 12/15/2004

PATENT REEL: 016078 FRAME: 0507