

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4731777

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROSHI MATSUNAGA	11/29/2017
KAZUHIRO KIMPARA	11/29/2017
RECEIVING PARTY DATA	
Name:	NTN CORPORATION
Street Address:	3-17, KYOMACHIBORI 1-CHOME, NISHI-KU, OSAKA-SHI,
City:	OSAKA
State/Country:	JAPAN
Postal Code:	550-0003
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15735996
CORRESPONDENCE DATA	
Fax Number:	(202)721-8250
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	202-721-8200
Email:	wlp@wenderoth.com
Correspondent Name:	WENDEROTH, LIND & PONACK, L.L.P.
Address Line 1:	1030 15TH STREET NW
Address Line 2:	SUITE 400 EAST
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	2017-1921A
NAME OF SUBMITTER:	JANAE GALLUN
SIGNATURE:	/Janae Gallun/
DATE SIGNED:	12/13/2017
Total Attachments: 2	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert Name(s) Hiroshi MATSUNAGA
of Inventor(s) Kazubiro KIMPARA

Insert Name(s) the undersigned hereby sell(s) and assign(s) to
of Assignee(s) NTN CORPORATION
Address of 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003, Japan

Title of (hereinafter designated as the Assignee) the entire right, title and interest for the
Invention United States as defined in 35 USC 100, in the invention known as
PITCH CONE ANGLE MEASUREMENT METHOD AND PITCH CONE ANGLE MEASUREMENT DEVICE

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any

continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

<u>Hiroshi Matsunaga</u> (Signature) Hiroshi MATSUNAGA	<u>November 29, 2017</u> (Date)
<u>Kazuhiro Kimpura</u> (Signature) Kazuhiro KIMPURA	<u>November 29, 2017</u> (Date)
_____ (Signature)	_____ (Date)
_____ (Signature)	_____ (Date)
_____ (Signature)	_____ (Date)
_____ (Signature)	_____ (Date)

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____
Applicant Reference Number: FP2016-034US

Filing Date: _____
Attorney Docket No. _____