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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAMOTSU SUZUKI	08/20/2014
YOSHIHIRO KAWAHARA	08/20/2014
YASUMOTO NOGUCHI	08/20/2014

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14387483

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ATTORNEY DOCKET NUMBER:	TORM-106US
NAME OF SUBMITTER:	MICHAEL P.F. PHELPS
SIGNATURE:	/Michael P.F. Phelps/
DATE SIGNED:	01/15/2015

Total Attachments: 2

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> **PATENT** REEL: 034726 FRAME: 0177 503137776

ASSIGNI	JENT	- Patent Application	Do	cket Number: TORM-106US
Whereas, the Assignor, comprising the following named inventors:				
	1. <u>Tan</u>	notsu SUZUKI		2. Yoshihiro KAWAHARA
ASSIGNOR(s)/ INVENTOR(s)	3. <u>Yas</u>	umoto NOGUCHI		4.
	5.			6.
made an inventior	entitled:	GATE VALVE AND MANUFAC	TUR	ING METHOD OF GATE VALVE
for which an application for Letters Patent of the United States: (Select one of the following): is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on September 23, 2014 as U.S. Patent Application Serial No.: 14/387,483				
ASSIGNEE (Full Name and Address) Toray Industries, Inc. 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku Tokyo 103-8666 JAPAN				
is desirous of acq	uiring the	entire interest in and to said inven	tion a	and the Letters Patent to be obtained therefor,
Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto. Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made				
or entered into which would conflict with this Assignment.				
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. If the invention requires a biological deposit, Assignor also grants to Assignee such control over any				
deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.				

Docket Number:

TORM-106US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	1. <u>Tamotsu SUZUKI</u>	Tanolsu Suzuki Takayaki Nakanishu * Witness to Assignor #1	August 20, 2014 August 20, 2014
	2. Yoshihiro KAWAHARA	Yoshihiro Kawahara Takayuki Nakamishi * Witness to Assignor #2	August 20, 2014 August 20, 2014
	3. Yasumoto NOGUCHI	Yasumoto Noguchi Takayubi Nakanishi *Witness to Assignor #3	August 20 2014 August 20, 2014
	4.	* Witness to Assignor #4	
	5.	* Witness to Assignor #5	
	6.		
	The second section of the second seco	* Witness to Assignor #6	
Application for	United States Letters Patent:		
Serial No.:	1 <u>4/38</u> 7,	, 483	
Filed:	S <u>epte</u> ml	per 23, 2014	
Attorney Docke	et Number:	,	
Total Number of	of Assignment Pages 2	* Witness signature recommended,	mandatory for some countries

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