504615941 10/27/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUYOSHI HORII	10/17/2017
TOMOYUKI NOSE	10/17/2017
YASUNORI MAEKAWA	10/17/2017
NORIYUKI OGAI	10/23/2017
YASUHIRO TODA	10/23/2017

RECEIVING PARTY DATA

Name:	SYSMEX CORPORATION
Street Address:	1-5-1, WAKINOHAMA-KAIGANDORI, CHUO-KU
City:	KOBE-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	651-0073
Name:	ASTI CORPORATION
Street Address:	2804 YONEZU-CHO, MINAMI-KU
City:	HAMAMATSU-SHI, SHIZUOKA
State/Country:	JAPAN
Postal Code:	432-8056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15796168

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 11333/879

PATENT REEL: 043974 FRAME: 0460

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NAME OF SUBMITTER:	TADASHI HORIE
SIGNATURE:	/Tadashi Horie/
DATE SIGNED:	10/27/2017
Total Attachments: 4	
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PATENT REEL: 043974 FRAME: 0461

ASSIGNMENT

WHEREAS, Kazuyoshi HORII, Takao FUJIWARA, Tomoyuki NOSE, Yasunori MAEKAWA, Noriyuki OGAI and Yasuhiro TODA, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled LIQUID-SEALED CARTRIDGE AND LIQUID TRANSFERRING METHOD, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, <u>SYSMEX CORPORATION</u>, a corporation organized and existing under the laws of <u>Japan</u>, having a place of business at <u>1-5-1</u> <u>Wakinohama-Kaigandori</u>, <u>Chuo-ku</u>, <u>Kobe-shi</u>, <u>Hyogo 651-0073 Japan</u>, and <u>ASTI CORPORATION</u>, a corporation organized and existing under the laws of <u>Japan</u>, having a place of business at <u>2804 Yonezu-cho</u>, <u>Minami-ku</u>, <u>Hamamatsu-shi</u>, <u>Shizuoka 432-8056 Japan</u>, hereinafter called the "Assignees", desire to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignees, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent

PATENT REEL: 043974 FRAME: 0462 applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE:	Oct. 17, 2017	Kazuyoshi HORII
WITNESSED:		Kazuyoshi HORII
DATE:		
DATE:		,
DATE:		
WITNESSED:		Takao FUJIWARA
DATE:		
DATE:		
DATE:	Oct. 17, 2017	Tomujuki Pium Tomoyuki NOSE
WITNESSED:	A	Tomoyuki NOSE
DATE:	,	<u></u>
DATE:		

DATE:	Oct. 17, 2017	Zasanari Maekaura
WITNESSED:		Yasunori MAEKAWA
DATE:		
DATE:		
DATE:		
WITNESSED:		Noriyuki OGAI
DATE:		
DATE:		
DATE:		Yasuhiro TODA
WITNESSED:		A MOMERIA V A CAPA'S
DATE:		
DATE:		

DATE:		
WITNESSED:		Yasunori MAEKAWA
DATE:		
DATE:		
DATE:	Oct. 23. 2017	Moriyuki OGAI
WITNESSED:		Noriyuki OGAI
DATE:		
DATE:		
DATE:	Oct. 23. 2017	yasuhiro Goda
WITNESSED:		Yasuhiro TODA
DATE:		
DATE:		

RECORDED: 10/27/2017