

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	EUNG JOON JO	12/20/2018
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17134571
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SIGNATURE:	/Daniel H. Sherr/	
DATE SIGNED:	12/28/2020	
Total Attachments: 1		
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ASSIGNMENT

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the attached patent application titled INTEGRATED DISEASE DIAGNOSTIC SYSTEM USING MATRIX-ASSISTED LASER DESORPTION/IONIZATION TIME-OF-FLIGHT MASS SPECTROMETER, which is being filed as a continuation-in-part application of U.S. Patent Application No. 14/679,114 and claiming priority to U.S. Provisional Patent Application No. 62/005,392.

Whereas, **ASTA, CO. LTD.**, having a place of business in Gyeonggi-do, Republic of Korea (herein referred to as "Assignee"), desires to acquire, and each undersigned inventor desires to grant to Assignee, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("Assignor(s)") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Assignee, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention(s), the above-identified patent application(s), and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Assignee, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Assignee, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignee, its successors, legal representatives, and assigns, whenever requested by Assignee, its successors, legal representatives, or assigns.

In Witness Whereof, Assignors have caused this Patent Assignment Agreement to be executed.

(I) Legal Name of Inventor: **Eung Joon Jo**

Signature: _____



Date: 12/20/2018