

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SATORU AKAI	01/12/2018
AYUMI MORIOKA	01/12/2018
NOBUO HANDA	01/12/2018
AKIRA KUOKAWA	01/04/2018
KAZUHIRO KUMAGAI	01/04/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15873246
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NAME OF SUBMITTER:	DAVID C. HANSON, REG. NO. 23,024
SIGNATURE:	/David C. Hanson/
DATE SIGNED:	01/17/2018
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned,

Satoru AKAI, Ayumi MORIOKA, Nobuo HANDA, Akira KUROKAWA, and Kazuhiro KUMAGAI

hereby sell and assign to JEOL LTD. of 1-2, Musashino 3-chome, Akishima, Tokyo, 196-8558 Japan and NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan (hereinafter designated as the Assignees) the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention known as

SPECIMEN PREPARATION APPARATUS

for which we have this day executed an application for United States Letters Patent.

The undersigned agree to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree 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 the protection of Industrial Property or similar agreements.

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

The undersigned hereby authorize and request the Commissioner for Patents to issue any and all Letters Patent of the United States resulting from said application of any division or divisions or continuing or reissue applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant David C. Hanson (Registration No. 23,024); Richard L. Byrne (Registration No. 28,498) and Randall L. Notzen (Registration No. 36,882), whose address is One Gateway Center, 420 Ft. Duquesne Blvd., Suite 1200, Pittsburgh, Pennsylvania 15222, (Telephone No. 412-471-8815) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date opposite the undersigned's names.

Date January 12, 2018 Inventor 赤井 諭
Satoru AKAI

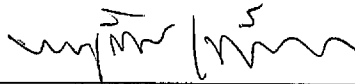
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Date January 4, 2018

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