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PATENT

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- Document ID #
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Conveyance type

- ☒ Assignment
- ☐ License
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- ☐ Change of Name
- ☐ Other:

Conveying Party(ies)

1. Eizo Kawato
2. Alan Joseph Smith
3. Koichi Tanaka
- 4.
- 5.
- 6.

Execution Date(s)

October 10, 2000

October 11, 2000

October 10, 2000

☐ Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Shimadzu Research Laboratory (Europe) Ltd.

Name

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Address Manchester United Kingdom

City State/Country

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Zip Code

☐ Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

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Attorney Docket No. 206736

Pages Enter the total number of pages of the attached conveyance document including any attachments: 3

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers

Patent Numbers

09/647,250

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties

Fee Amount

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Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment:

☒ Enclosed is a check in the amount of \$170.00 (See Charge/Recording Fee)☒ Charge Deposit Account No. 12-1216Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☒ Yes ☐ No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Pamela J. Ruschau

Name of Person Signing

Signature

November 7, 2000

Date

PATENT

REEL: 011423 FRAME: 0383

ASSIGNMENT

WHEREAS, WE, EIZO KAWATO, ALAN JOSEPH SMITH and KOICHI TANAKA, respectively,
of 47 Newlands Avenue, Cheadle Hume, Cheadle, Cheshire SK8 6NE, United Kingdom; 11 Nettleton Grove, Manchester M9 4BQ, United Kingdom; and of 18 The Gables, Brooklands Road, Sale, Cheshire M33 3SU, United Kingdom;

respectively, have invented a certain invention entitled:

"APPARATUS FOR PRODUCTION AND EXTRACTION OF CHARGED PARTICLES" for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on March 25, 1999, under Serial No. 09/647,250, and

WHEREAS, SHIMADZU RESEARCH LABORATORY (EUROPE) LTD., of Wharfside, Trafford Wharf Road, Manchester M17 1GP, United Kingdom; (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 10 OCT 2000

河藤 栄三
Eizo Kawato

Date 10. 10. 2000.

Witness Dave [Signature]

Date 10. OCT. 2000

Witness Dorothy Lumb

Date 11 October 2000

Alan Joseph Smith
Alan Joseph Smith

Date 11th 10. 2000.

Witness Dave [Signature]

Date 11 Oct. 2000

Witness Dorothy Lumb

Date 10-Oct-2000

Koichi Tanaka
Koichi Tanaka

Date 10-Oct-2000

Witness N.M. NIGEL PAUL DANIEL

Date 10-October-2000

Witness Dorothy Lumb