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ATION

Atty. Docket: 02500.000013

To the Director, U.S. Patent and Tr

original documents or copy thereof

ess of receiving party(ies):

1. Name of conveying party(ies):

Yasushi Watanabe, Yuji Iwase and Kiyoshi Morimoto

Name: Kyowa Hakko Kogyo Co., Ltd.

Foreign Address: 6-1, Ohtemachi 1-chome

Chiyoda -ku, Tokyo 100-8185

Japan

Domestic Address: _____

City: _____ State _____ ZIP _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: September 18, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application Number: 10/182,124

B. Title of Invention:

QUANTITATIVE DISCHARGE APPARATUS AND
METHOD OF DISCHARGING POWDER MATERIAL

I.A. Filing Date: January 17, 2001

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper & Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Lawrence S. Perry
Name of Person Signing

Lawrence S. Perry
Signature

December 9, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 2

FOR VALUE RECEIVED, WE

Yasushi Watanabe, Yuji Iwase and Kiyoshi Morimoto

all citizens of Japan

all residing at c/o KYOWA HAKKO KOGYO CO., LTD. FUJI PLANT, 1188 Shimotogari,
Nagaizumi-cho, Sunto-gun, Shizuoka Japan 411-8731

hereby sell, assign, transfer and convey unto KYOWA HAKKO KOGYO CO., LTD

a corporation of Japan

having a place of business at 6-1 Ohtemachi, 1-chome
Chiyoda-ku, Tokyo
Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

**QUANTITATIVE DISCHARGE APPARATUS AND METHOD OF DISCHARGING
POWDER MATERIAL**

and described in an application for Letters Patent of the United States 10/182,124,

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal this 18 day of Sept, 2002

Witness:

Motohiro Ohta

Assignors:

Yasushi Watanabe L.S.
Yasushi Watanabe

Yuji Iwase L.S.
Yuji Iwase

Kiyoshi Morimoto L.S.
Kiyoshi Morimoto