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 Docket No.: DC-04483-JCP12/29-tzc1
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09/474761

12/30/99

Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

Satoru Satake, Hou Qing Liu, Makoto Kuninobu
 and Keisuke Orihashi

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

SATAKE CORPORATION
 7-2, Sotokanda 4-chome
 Chiyoda-ku, Tokyo 101-0021
 JAPAN

Additional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:

Execution Date: 12/10/99

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

If this document is being filed with a new application, the execution date of the application is: 12/10/99

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

JOHN F. HAYDEN
 Fish & Richardson P.C.
 601 Thirteenth Street, NW
 Washington, DC 20005

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR §3.41): \$40

- ☒ Enclosed
☐ Authorized to charge Deposit Account.

8. Deposit Account No.: 06-1050

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9. 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.*

John F. Hayden

Reg. No. 37,640

Name of Person Signing

Signature

December 30, 1999

Date

Total number of pages including coversheet, attachments and document: 3

40019527.doc

PATENT
 REEL: 010482 FRAME: 0084

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to

SATAKE CORPORATION
a corporation of Japan

having the address:

7-2, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-0021, Japan

(hereinafter designated as the "ASSIGNEE"), his successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, his successors, assigns or his legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by ASSIGNOR(s) if this assignment had not been made, the Patent being known by the title:

METHOD AND APPARATUS FOR DRYING GRANULAR OBJECTS INVOLVING
PRE-HEATING PROCESS

Attorney Docket No.:

for which the undersigned have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.:

Filing Date:

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) 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 Protection of Industrial Property of similar agreements.

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. 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 WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

December 10, 1999

Date

Satoru Satake

Typed Name: Satoru SATAKE

December 10, 1999

Date

Hou Qing Liu

Typed Name: Hou Qing LIU

December 10, 1999

Date

Makoto Kuninobu

Typed Name: Makoto KUNINOBU

December 10, 1999

Date

Keisuke Orihashi

Typed Name: Keisuke ORIHASHI