#### 504643880 11/15/2017

# PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAZUHIKO MIYOSHI	10/23/2017
MASATO INABA	10/23/2017
JUN HAMAGUCHI	10/23/2017

#### **RECEIVING PARTY DATA**

Name:	DAIFUKU CO., LTD.	
Street Address:	2-11, MITEJIMA 3-CHOME, NISHIYODOGAWA-KU	
City:	OSAKA-SHI, OSAKA 5550012	
State/Country:	JAPAN	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15809691

#### CORRESPONDENCE DATA

Fax Number: (203)327-1096

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

2033246155 Phone: Email: jbutchko@ssjr.com

Correspondent Name: FRITZ L. SCHWEITZER, III

Address Line 1: ST. ONGE STEWARD JOHNSTON & REENS LLC

Address Line 2: 986 BEDFORD STREET

Address Line 4: STAMFORD, CONNECTICUT 06905

**ATTORNEY DOCKET NUMBER:** 06020-P0236A NAME OF SUBMITTER: FRITZ L. SCHWEITZER SIGNATURE: /FRITZ L. SCHWEITZER III/ **DATE SIGNED:** 11/15/2017

**Total Attachments: 2** 

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> **PATENT REEL: 044135 FRAME: 0855** 504643880

### Assignment

WHEREAS, We, Kazuhiko MIYOSHI, Masato INABA and Jun HAMAGUCHI all reside at c/o Daifuku Co., Ltd., Shiga Works, 1225 Nakazaiji, Hino-cho, Gamo-gun, Shiga 5291692 Japan and have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled

METHOD FOR CONTROLLING STORAGE/RETRIEVAL DEVICE IN FLAT STORAGE FACILITY

which application claims priority of the International patent application serial number PCT/JP2016/057114 and filed on 08 March 2016.

WHEREAS, Daifuku Co., Ltd., a company organized and existing under the laws of Japan, and having an office and place of business at 2-11, Mitejima 3-chome, Nishiyodogawa-ku, Osaka-shi Osaka 5550012 Japan and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

**NOW THEREFORE**, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation and convention applications, as well as subsequent provisional applications filed on other embodiments of the same subject matter based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell

PATENT REEL: 044135 FRAME: 0856

Page 2 Assignment

Applicant: Kazuhiko MIYOSHI, Masato INABA and Jun HAMAGUCHI

anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns, which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, I have hereunto set my hand and signed my name.

Date October 23, 2017

K. Wignehr Masato Inaba Jun Homoguchi
Kazuhiko MIYOSHI, Masato INABA Jun HAMAGUCHI

all reside at c/o Daifuku Co., Ltd., Shiga Works, 1225 Nakazaiji, Hino-cho, Gamo-gun, Shiga 5291692 Japan

## **Declaration of Witness**

I declare that I was personally present and did see Kazuhiko MIYOSHI, Masato INABA and Jun HAMAGUCHI who are personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Osaka, Japan, on October 23, 2017

Name of Witness: Yuji MASAKI

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**RECORDED: 11/15/2017**