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To the Honorable Commissioner of Patents and

1. Name of conveying party(ies):

Masahide KATO  
Noboru TAMAKI  
Hideo SHIBAHARA

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: April 17, 2001

06-22-2001



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Docket No.: 04558/049001 831070

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Rec'd PCT/PTO 04 MAY 2001

and original documents or copy thereof.

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

Name: Toho Kasei Co., Ltd.

Address: 6-2, Imago-cho, Yamatokoriyama-shi,

City: Nara

State/Prov.: \_\_\_\_\_

Country: JAPAN

ZIP: 639-1031

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: April 17, 2001

Patent Application No.

Filing date

B. Patent No.(s)

05/09/2001 LLANDGRA 00000029 500591 09831070

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Additional numbers

☐ Yes ☒ No

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

Name: Jonathan P. Osha

Registration No. 33,986

Address: ROSENTHAL & OSHA, L.L.P.

700 Louisiana, Suite 4550

City: Houston

State/Prov.: Texas

Country: USA

ZIP: 77002

6. Total number of applications and patents involved:

1

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

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

500-591

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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.

Jonathan P. Osha

Name of Person Signing

Signature

5/16/01

Date

Total number of pages including cover sheet, attachments, and

5

PATENT

REEL: 011907 FRAME: 0432

# ASSIGNMENT

## 譲渡証

本証末尾に署名した者（以下、「発明者」という）は、  
適正・相当な対価を受領しており、それが十分な対価である  
ことを認識した上で、

（氏名または組織名）

（住所）

（以下「会社」という）と、その承継人および譲受人に対  
して、

（発明の名称）

という名称で知られ、アメリカ合衆国において末尾署名者  
が特許申請をした発明（以下、「発明」という）にかかる  
アメリカ合衆国（その属領、支配地を含むがこれに限らな  
い）におけるすべての権利、権限及び利権を、当該特許申  
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それらに対して与えられる全ての米国特許証とともに譲  
渡する。かかる利権とは、「会社」、その承継人、譲受人、  
またはそれらの法的代理人の上記申請に対する、及び、特  
許証が与えられたときはそれに対する、本譲渡が行われな  
かった場合に「発明者」に対して特許証が与えられ、また  
延長されることにより享受しうると同一の期間にわたる  
完全な所有権を意味する。

For good and valuable consideration, the receipt and  
sufficiency of which are hereby acknowledged, the undersigned  
individual(s) (referred to herein as "INVENTOR(S)") hereby  
assign, transfer and set over to:

TOHO KASEI CO., LTD.

having the following address:

6-2, Imago-cho, Yamatokoriyama-shi, Nara 639-1031,  
JAPAN

(referred to herein as "COMPANY"), its successors and assigns,  
the entire right, title, and interest for the United States of  
America (including without limitation its territories and  
possessions) in and to the invention known by the following  
title:

RESIN PIPE JOINT

for which the undersigned has/have executed an application for  
patent in the United States of America (referred to herein as  
"INVENTION"), together with said patent application, all  
divisions, continuations, continuations-in-part, reissues, and  
extensions thereof, and all United States Letters Patent which  
may be granted therefor. Such interest represents the entire  
ownership of said applications and Letters Patent when granted  
and is to be owned by COMPANY, its successors, and assigns,  
or their legal representatives, for the full and entire term for  
which such Letters Patent may be granted or extended, as fully  
and entirely as the same would have been enjoyed by the  
INVENTOR(S) if this assignment had not been made.

さらに、本証末尾に署名した発明者は、それぞれ、以下のとおり同意する。

1. 「発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
2. 工業所有権の保護に関する国際条約またはそれに類する条約や協定の下で優先権の主張その他のために必要な、書面、書類の執行及び合法的行為を遂行すること。
3. 有効かつ強制力のある特許を「会社」が得るために必要なあらゆる合法かつ積極的な行為をすること。

本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆国特許商標庁長官に対して、当該特許申請（それに基づく全ての分割、継続、一部継続、再発行申請を含むがそれに限らない）から生じる全ての特許証を「会社」に対して発行するよう授權し、かつ、請願する。

本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をローゼンタール・アンド・オーシャ法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. 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 the recordation of this document.

以上を確認の上、下記の者が下記署名に並んで記された  
日に各自署名して本譲渡証を発効させた。

IN WITNESS WHEREOF, this Assignment has been  
executed by each of the undersigned individuals on the date  
appearing by such individual's signature.

(署名)  
年月日 氏名 (楷書):

April 17, 2001 Masahide Kato  
Date Typed Name: Masahide KATO

(署名)  
年月日 氏名 (楷書):

April 17, 2001 Noboru Tamaki  
Date Typed Name: Noboru TAMAKI

(署名)  
年月日 氏名 (楷書):

April 17, 2001 Hideo Shibahara  
Date Typed Name: Hideo SHIBAHARA

本譲渡証はアメリカ合衆国のいずれかの州の公証人ま  
たは下記の署名する2名の証人の面前で署名されるもの  
とする。

This Assignment may be signed before a Notary Public  
for one of the States of the United States or before two  
witnesses who sign below:

(署名)  
年月日 氏名 (楷書):

April 17, 2001 Hiroyuki Ikeuchi  
Date Typed Name: Hiroyuki IKEUCHI

(署名)  
年月日 氏名 (楷書):

April 17, 2001 Kimihiro Sato  
Date Typed Name: Kimihiro SATO

本譲渡証が特許申請書と同時に提出されなかった場  
合、下記識別情報が後に追加されるものとする。

米国申請シリアル番号:

申請日:

Where this Assignment is not filed concurrently with the  
patent application, the following identifying information  
may be added after execution:

U.S. Application Serial No.:

Filing Date: