

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Kou Tsukamoto	05/19/2005
Yuki Takei	05/19/2005
Kohzou Kakehi	05/20/2005
Takeshi Nakagawa	05/23/2005

**RECEIVING PARTY DATA**

Name:	Sanden Corporation
Street Address:	20 Kotobuki-cho
Internal Address:	Isesaki-shi
City:	Gunma
State/Country:	JAPAN
Postal Code:	372-8502

Name:	NTN Corporation
Street Address:	3-17 Kyomachibori 1-chome
Internal Address:	Nishi-ku, Osaka-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	550-0003

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11094491

**CORRESPONDENCE DATA**

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CH \$40.00 11094491

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NAME OF SUBMITTER:

James B. Arpin, Reg. No. 33,470

Total Attachments: 2

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## ASSIGNMENT

WHEREAS, I/we, Kou TSUKAMOTO and Yuji TAKEI of c/o Sanden Corporation, 20 Kotobuki-cho, Isesaki-shi, Gunma 372-8502, Japan,

Kohzou KAKEHI of c/o NTN Engineering Plastics Corporation, 970, Oaza Ano, Toin-cho, Inabe-gun, Mie 511-0243, Japan, and

Takeshi NAKAGAWA of c/o NTN Corporation, 7-22-17, Nishi-Gotanda, Shinagawa-ku, Tokyo 140-0031, Japan, a citizen of Japan, have invented certain new and useful improvements in:

SCROLL TYPE HYDRAULIC MACHINE;

which is described in an application for United States Letters Patent executed on May 19, May 20 and May 23, filed on March 31, 2005, and accorded Application No. 11/094,491 <sup>2005</sup>;

AND, WHEREAS,

1. Sanden Corporation, a corporation organized under the laws of Japan, located at 20 Kotobuki-cho, Isesaki-shi, Gunma 372-8502, Japan, and

2. NTN Corporation, a corporation organized under the laws of Japan, located at 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003, Japan (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, and in and to any and all Letters Patent, including extensions thereof, which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND I/we hereby authorize and request my attorneys, Baker Botts L.L.P., whose address is The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400, to insert above, the filing date and application number of said application when known.

AND I/we hereby agree for myself and my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, that may be

necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND I/we hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use or sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said improvements had not been otherwise encumbered, and that I have not and will not execute any instrument in conflict therewith;

AND I/we do hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

May 19, 2005  
Date

*Kou Tsukamoto*  
Kou TSUKAMOTO

May 19, 2005  
Date

*Yuji Takei*  
Yuji TAKEI

May 20, 2005  
Date

*Kohzou Takehi*  
Kohzou KAKEHI

May 23, 2005  
Date

*Takeshi Nakagawa*  
Takeshi NAKAGAWA

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