FORM PTO-1595 (Rev. 6-93)

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TMENT OF COMMERCE tent and Trademark Office

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12:21:44	Jocket No.: 041094-5012
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	ATTN: BOX ASSIGNMENT
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
 Nobuo IWASAKI Kouichi TSURUTA Nobuaki ITOU 	Name: TOYOTA STEEL CENTER CO., LTD.
Additional name(s) of conveying party(ies) attached? YesX_ No	Internal Address:
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name	Street Address: 33-4 Shinpo-cho, Tokai-shi, Aichi, Japan City: State: Zip:
Other	Additional name(s) & address(es) attached? YesX_ No
Execution Date: November 29, 1999 4. Application number(s) or patent number(s):	
If this document is being filed together with a new application the e	execution date of the application is: ent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: J. Michael Thesz Internal Address: Morgan, Lewis & Bockius LLP	7. Total fee (37 C.F.R §3.41):\$40.00 _X Enclosed Authorized to be charged to deposit account 50-0310
Street Address: 1800 M Street, N.W. City: Washington State: D.C. Zipa 20036	Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account
the original document	nation is true and correct and any attached copy is a true copy of
J. Michael Thesz Name of Person Signing Signatu Total number	December 27, 1999 Date of pages including cover sheet, attachments and documents: _3

PATENT REEL: 010501 FRAME: 0246

ATTORNEY DOCKET NO.: 041094-5012 SOLE/JOINT INVENTION

(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

PALLET FOR COIL-SHAPE HEAVY ARTICLE, HEAVY-ARTICLE CARRYING VEHICLE, STAGE FOR INTRODUCING/DISCHARGING HEAVY ARTICLE TO AND FROM TRANSPORTING RECEPTACLE, METHOD OF INTRODUCING HEAVY ARTICLE AND METHOD OF DISCHARGING HEAVY ARTICLE for which I/WE executed an application for United States Letters Patent on October 1, 1999 (Application No.); and

WHEREAS, TOYOTA STEEL CENTER CO., LTD., a corporation of Japan, whose post office address is 33-4 Shinpo-cho, Tokai-shi, Aichi, Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns. MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment:

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/410,739, filed October 1, 1999) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s)

Full Name of Sole or First Assignor Nobuo IWASAKI	Assignor's Signature Nobno Iwasaki	Date 1604, 24 1999
Address c/o 33-4 Shinpo-cho, Tokai-shi, Aichi, Japan		Citizenship Japan
Full Name of Second Assignor Kouichi TSURUTA	Assignor's Signature Kouichi TSURVIA	Date Nov. 29, 1999
Address c/o 33-4 Shinpo-cho, Tokai-shi, Aichi, Japan		Citizenship Japan
Names of additional inventors attached [X] Yes	[] No	

Morgan, Lewis & Bockius LLP

PATENT REEL: 010501 FRAME: 0247

Full Name of Third Assignor Tatuhiko AOKI	Assignor's Signature Tai Guslike Acki	Date 406 29 1949
Address c/o 33-4 Shinpo-cho, Tokai-shi, Aichi, Japan		Citizenship Japan
Full Name of Fourth Assignor Nobuaki ITOU	Assignor's Signature Robinski Ston	Date 40V, ≥9, 1959
Address c/o 33-4 Shinpo-cho, Tokai-shi, Aichi, Japan		Citizenship Japan
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached [] Y		

Morgan, Lewis & Bockius LLP

RECORDED: 12/27/1999

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PATENT REEL: 010501 FRAME: 0248