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Docket No.: 312674-P00	02(C1)				
FORM PT()-1595 1-31-92			U.S. DEPARTMENT Patent and	OF COMMERC	
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	ner of Patents and mademarks. Fieas	l.	-		hereof.
1. Name of conveying party(i		2. Name an	d address of receiving	,	22
Kishiro ABE Tsuneo WATANABE	Shingo TSUKUI Katsuki KATO	Name:	Topy Kogyo Kabusl		а 19 1
Satoru MIYASHITA Takenobu HASEGAWA Kenichi INADA Shojiro YOKOMIZU	Morishi KUNOU Katsunori TODOKO Kenji HAYASHI Nobuyuki SOMA Masaaki HARA	Address:	5-9, Yonbancho, Chi Tokyo 102-448, JAP	-	113268 U.S. 11/1901
Additional name(s) of convey	ring party(ies) attached? □Yes ■No				
3. Nature of Conveyance:					
 Assignment Security Agreement 	☐ Merger ☐ Change of Name)			
□ Other					
Execution Date	: July 15, 2005	Additional	name(s) and address(e	s) attached? □	Yes ■No
4. Application number(s) or p	atent number(s):	- 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440 - 1440	,		
If this document is being filed	l together with a new application, the	execution dat	te of the application is:	July 11, 2	005
A. Patent Application No.		B. Patent N	o.(s)		
	Additional numbers atta	ched? □Yes	■No		
5. Name and address of party concerning document should		6. Total app	lications and patents i	nvolved: 1	
		7. Total fee	(37 CFR 3.41): \$4	10.00	
Customer No. 47604 or DLA Piper Rudnick Gray Cary US LLP P.O. Box 9271 Reston, VA 20195		 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 50-3266 (Attach duplicate copy of this page if paying by deposit account) 			
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9. Statement and signature To the best of my knowledge of the original document.	and belief, the foregoing information		correct and any attac	ched copy is a l	rue copy
				uly 27, 2005	
Dale S. Lazar	11/4/2	Atr	<u> </u>	ury 27, 2005	
Dale S. Lazar Name of Person Signi	ng Signatu	U V re	<u> </u>	Date	
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PATENT REEL: 016822 FRAME: 0996

Assignment of Application

WHEREAS, I	(we), Kishiro ABE, Tsuneo WATANABE, Satoru MIYA	SHITA,				
Takenobu HASEC	GAWA, Kenichi INADA, Shojiro YOKOMIZO, Shingo TSUK	UI,				
Katsuki KATO, Morishi KUNOU, Katsunori TODOKO, Kenji HAYASHI,						
Nobuyuki SOMA, and Masaaki HARA						
	, respectively,					
have invented certain new and useful improvements in: <u></u>						
for which an application for Letters Patent was executed on						
(Application No.	, Filed); and				
WHEREAS,	Topy Kogyo Kabushiki Kaisha					
(hereinafter referred to as "ASSIGNEE"), having a place of business at: 5-9, Yonbancho, Chiyoda-ku, Tokyo 102-8448 Japan						

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in any to any and all divisions, continuations, substitutions, renewals and reissues thereof.

DLA PIPER RUDNICK GRAY CARY US LLP

PATENT REEL: 016822 FRAME: 0997 I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, 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 held by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Piper Rudnick LLP, Attorneys at Law, 1775 Wiehle Avenue, Suite 400, Reston, VA 20190-5159, the power to insert on this Assignment any further identification, including the application number and filing date, 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.

July	15,	2005	Kishiro Abe
			(Signature of Inventor) Kishiro ABE
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			(Signature of Inventor) TSUNEO WATANABE
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PATENT REEL: 016822 FRAME: 0998 Page 3

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Date: July 15, 2005	(Signature of Inventor) Morishi KUNOU
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RECORDED: 07/27/2005