(Rev. 6-93)  OMB No. 0651-0011 (exp. 4/94)  Tab settings = = = 1012	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  NAK-038-USA-P  and original documents or convittered.
To the Honorable Commissioner of Patents and Trademarks:	ed original documents or copy thereof.
1. Name of conveying party(ies): Yasushi Kageyama, Kozo Suganuma, Shinichi Tosa, Junichi Nakade Additional name(s) of conveying party(ies) attached? □ Yes 欠 No	2. Name and address of receiving party(ies)  Name: Kabushiki Kaisha Yutaka Gikan Internal Address:
3. Nature of conveyance:	002/00 02/00
	Street Address: 508-1, Yutaka-machi
☐ Security Agreement ☐ Change of Name	Hamamatsu-shi
Other	City: Shizuoka-ken State: Japan ZIP:
Execution Date: <u>Jan. 25, 26,27 &amp; 31, 2000</u>	Additional name(s) & address(es) attached? XQ Yes D No
A. Patent Application No.(s)	n, the execution date of the application is: <u>Jan. 25,2000</u> B. Patent No.(s)  tached? 口 Yes 전 No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name:TOWNSEND & BANTA	7. Total fee (37 CFR 3.41)\$\$
Internal Address:	☼ Enclosed
	☐ Authorized to be charged to deposit account
Street Address: 1225 Eye Street, N.W. Suite 500	8. Deposit account number: 20-1424
City: Washington State: DC ZIP: 20005	(Attach duplicate copy of this page if paying by deposit account)
3/13/2000 RCDATES 00000081 09500915 1 FC:581 (40.00 0P)	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document.  Donald F. Townsend, Jr.  Name of Person Signing	nation is true and correct and any attached copy is a true copy of  Gransend Jr February 9, 200  Signature Date  cover sheet, attachments, and document:

Page 2 -

Additional Assignee:

Honda Giken Kogyo Kabushiki Kaisha 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo, Japan

> PATENT REEL: 010597 FRAME: 0819

## **ASSIGNMENT**

NAK-038-USA-P

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: Exhaust Converter (Title of Invention) for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_ \_ . 19 \_ \_\_\_ (Serial No. \_ Kabushiki Kaisha Yutaka Giken WHEREAS, \_\_\_ (Full Name of Assignee) Japan a corporation of \_\_\_\_\_ (Country of Incorporation) 508-1, Yutaka-machi, Hamamatsu-shi, Shizuoka-ken, whose post office address is \_\_\_\_ 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. IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s). 1. FULL NAME OF SOLE OR FIRST ASSIGNOR ASSIGNOR'S SIGNATURE Yasushi Kageyena Yasushi Kaqeyama ADDRESS c/o Kabushiki Kaisha Yutaka Giken 508-1, CITIZENSHIP Yutaka-machi, Hamamatsu-shi, Shizuoka-ken, Japan Japan 2. FULL NAME OF SECOND ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE JAN. 27, 2000 Kozo Suganuma Kozo Suganuma ADDRESS c/o Kabushiki Kaisha Yutaka Giken 508-1, CITIZENSHIP Yutaka-machi, Hamamatsu-shi, Shizuoka-kenJapan Japan 3. FULL NAME OF THIRD ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE ADDRESS CITIZENSHIP 4 FULL NAME OF FOURTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE ADDRESS CITIZENSHIP 5. FULL NAME OF FIFTH ASSIGNOR IF ANY ASSIGNOR'S SIGNATURE DATE ADDRESS CITIZENSHIP 6. FULL NAME OF SIXTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE

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PATENT REEL: 010597 FRAME: 0820

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## ASSIGNMENT

NAK-038-USA-P

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:  Exhaust Converter				
	(Title of Invention)			
for which I/We executed an application for United United States Letters Patent on  WHEREAS, Hond		al No	); and	
WIEKEAS,	(Full Name of Assignee)			
a corporation of	Japan			
•	(Country of Incorporation)			
whose post office address is 1-1, Minami	Aoyama 2-chome, Mi	nato-ku,	Tokyo, Japan	
(hereinafter referred to as Assignee), is desirous application for United States Letters Patent on this	of securing the entire right, ti	ile, and interest to be issued	st in and to this invention, the upon this application;	
NOW THEREFORE, be it known that, for gracknowledged, I/We, as assignor(s), have sold, assover unto the assignee, its lawful successors and this application, and all divisions, and continuation thereon, and all reissues thereof; and I/We hereby United States to issue all Letters Patent for this in of this Assignment;	signed, transferred, and set ove assigns, my/our entire right, ti ns thereof, and all Letters Pater authorize and request the Cor vention to assignee, its success	r, and do herel tle, and interent of the Unite nmissioner of ors and assigns	by sell, assign, transfer, and set in and to this invention and d States which may be granted Patents and Trademarks of the s, in accordance with the terms	
AND, I/WE HEREBY further covenant an assignee, its successors and assigns, any facts kn sign all lawful papers when called upon to do so, the title to this invention in said assignee, its applications, make all rightful oaths and generally and enforce proper patent protection for this invente execution of such papers shall be borne by the IN TESTIMONY WHEREOF, I/We have here	own to me/us respecting this i execute and deliver all papers successors and assigns, exectly do everything possible to aid ention in the United States, it be assignee, its successors and ass	nvention and that may be nute all division assignee, its sueing understood	testify in any legal proceeding ecessary or desirable to perfectinal, continuation, and reissue accessors and assigns, to obtain	
1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	<del></del>	DATE	
Yasushi Kageyama	Yasushi Kogeyama.		JAN, 3 , 2000	
ADDRESS c/o Kabushiki Kaisha Yu Yutaka-machi, Hamamatsu-shi, S	taka Giken 508-1, hizuoka-ken,Japan	сıтızeнsні <del>р</del> Japan		
2. FULL NAME OF SECOND ASSIGNOR, IF ANY KOZO Suganuma	ASSIGNOR'S SIGNATURE KOZO SUGANUMA		JAN. 27, 2000	
ADDRESS C/O Kabushiki Kaisha Yu Yutaka-machi, Hamamatsu-shi, S		CITIZENSHIP Japan	•	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	1 Dapair	DATE	
ADDRESS		CITIZENSHIP		
4 FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	<u> </u>	DATE	
ADDRESS		CITIZENSHIP	1	
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	<u> </u>	DATE	
ADDRESS		CITIZENSHIP	1	
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	<u> </u>	DATE	
ADDRESS		CITIZENSHIP	1	

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PATENT REEL: 010597 FRAME: 0821

## ASSIGNMENT NAK-038-USA-P

WHEREAS I/We, the below named inventor		ssignor(s)], hav	
	(Title of Invention)		
for which I/We executed an application for United			
United States Letters Patent on	, 19(Se	rial No	); and
WHEREAS, K	<u>abushiki Kaisha Yu</u>	ıtaka Gike	en
	(Full Name of Assignee)		
a corporation of	Japan		·
whose post office address is 508-1, Yuta  Japan	(Country of Incorporation) ka-machi, Hamamats	su-shi, Sh	nizuoka-ken,
(hereinafter referred to as Assignee), is desirous application for United States Letters Patent on thi	of securing the entire right, s invention and the Letters Pate	title, and intere	st in and to this invention, the upon this application;
acknowledged, I/We, as assignor(s), have sold, as over unto the assignee, its lawful successors and this application, and all divisions, and continuated thereon, and all reissues thereof; and I/We hereb United States to issue all Letters Patent for this in of this Assignment:  AND, I/WE HEREBY further covenant are	I assigns, my/our entire right, ons thereof, and all Letters Pate y authorize and request the Convention to assignee, its succes and agree that I/We will, with	title, and intere- ent of the Unite ommissioner of sors and assign out further cor	est in and to this invention and d States which may be granted. Patents and Trademarks of the s, in accordance with the terms.
assignee, its successors and assigns, any facts kr sign all lawful papers when called upon to do so the title to this invention in said assignee, its applications, make all rightful oaths and general and enforce proper patent protection for this inv the execution of such papers shall be borne by the IN TESTIMONY WHEREOF, I/We have her	, execute and deliver all papers successors and assigns, exelly do everything possible to aid ention in the United States, it e assignee, its successors and as	s that may be n cute all division 1 assignee, its so being understoo	ecessary or desirable to perfectional, continuation, and reissue accessors and assigns, to obtain
1 FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	/	DATE
Shinichi Tosa	Tasa Sh		25, January, 2000
ADDRESSC/O KK Honda Gijutsu Ker 1-chome, Wako-shi, Saitama-ker	nkyusho 4-1,Chuo	CITIZENSHIP	,
2 FULL NAME OF SECOND ASSIGNOR, IF ANY		Japan	DATE
Junichi Nakade	Juniche Rackac	le	Lt. January 2000
ADDRESSC/O KK Honda Gijutsu Ker 1-chome, Wako-shi, Saitama-ker	nkvusho 4-1.Chuo	citizenship Japan	203,000,000
3 FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE		DATE
ADDRESS		CITIZENSHIP	
4 FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	. 1	DATE
ADDRESS		CITIZENSHIP	
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE		DATE
ADDRESS		CITIZENSHIP	1
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE		DATE

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**PATENT REEL: 010597 FRAME: 0822** 

CITIZENSHIP

## **ASSIGNMENT**

NAK-038-USA-P

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: Exhaust Converter (Title of Invention) for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for \_\_\_. 19 \_\_\_\_ (Serial No. \_ United States Letters Patent on \_\_\_\_\_ Honda Giken Kogyo Kabushiki Kaisha WHEREAS. \_\_\_ (Full Name of Assignee) Japan a corporation of \_\_\_\_\_ (Country of Incorporation) whose post office address is 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo, 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. IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s). 1. FULL NAME OF SOLE OR FIRST ASSIGNOR ASSIGNOR'S SIGNATURE Shinichi Tosa lasa Shinic ADDRESSC/O KK Honda Gijutsu Kenkyusho 4-1, Chuo CITIZENSHIP 1-chome,Wako-shi,Saitama-ken,Japan Japan 2. FULL NAME OF SECOND ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE hakadî Junichi Nakade ADDRESSC/o KK Honda Gijutsu Kenkyusho 1-chome,Wako-shi,Saitama-ken,Japan CITIZENSHIP 4-1, Chuo Japan 3. FULL NAME OF THIRD ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE ADDRESS CITIZENSHIP 4 FULL NAME OF FOURTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE ADDRESS CITIZENSHIP 5. FULL NAME OF FIFTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE ADDRESS CITIZENSHIP 6. FULL NAME OF SIXTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE

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**RECORDED: 02/09/2000** 

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