CNE No OFFI COLL (The AICA)	T U.S. DEPARTMENT OF COMMERCS Patent and Trademark Office NAK-037-USA-P			
143 36 milys = = 1 10 00 11 0 4 11	1217384 ginal documents or copy thereof.			
Name of conveying party(ies):	2. Name and address of receiving party(ies)			
Yasushi Kageyama, Sadaaki Ohashi, Shuichi Nishizaki, Kozo Suganuma Shinichi Tosa Additional name(s) of conveying party(ies) attached? ☐ Yes 🎗 No	Name: Kabushiki Kaisha Yutaka Giken Internal Address:			
3. Nature of conveyance:	18. 18. 18. 18. 18. 18. 18. 18. 18. 18.			
☑ Assignment ☐ Merger	Street Address: 508-1, Yutaka-machi			
☐ Security Agreement ☐ Change of Name	Hamamatsu-shi			
□ Other	City: Shi zuoka-ken State: Japan ZIP:			
Execution Date: <u>November 8,9,12 & 16, 1999</u>	Additional name(s) & address(es) attached? X Yes No			
A. Patent Application No.(s) Additional numbers att	B. Patent No.(s) ached? □ Yes Ճ 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:	当 Enclosed			
	X Authorized to be charged to deposit account			
Street Address:Suite 500	8. Deposit account number:			
City: Washington State: DC ZIP: 20005	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE	E THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing informathe original document. Donald E Townsend	ation is true and correct and any attached copy is a true copy of November 24, 1999			

Name of Person Signing Signature 000000161 084445 of pages including cover sheet, attachments, and document: 10/08/1999 LSHEED

02 FC:581

Townsend

1.

Mattaconnects to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

Date

Additional Assignee:

11

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

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

(Title of Invention)

for which I/We executed an application for United S		-	• •
United States Letters Patent on	, 19(Seria	l No); and
WIEKENS,	hiki Kaisha Yutaka	Giken	
	(Full Name of Assignee)		
a corporation of	Japan Country of Incorporation)		
whose post office address is 508-1, Yutak	country of incorporation)	_chi Sh	nizuoka-kon
Japan	a-machi, hamamacsa	-5117, 011	112doka - Kelly
(hereinafter referred to as Assignee), is desirous of application for United States Letters Patent on this is	of securing the entire right, titl invention and the Letters Patent	e, and interest to be issued t	st in and to this invention, the upon this application;
NOW THEREFORE, be it known that, for go acknowledged, I/We, as assignor(s), have sold, assigner unto the assignee, its lawful successors and a 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 invof this Assignment;	gned, transferred, and set over assigns, my/our entire right, tit s thereof, and all Letters Paten authorize and request the Com	, and do hereb le, and interes t of the United imissioner of	by sell, assign, transfer, and set st in and to this invention and d States which may be granted Patents and Trademarks of the
AND, I/WE HEREBY further covenant and assignee, its successors and assigns, any facts kno 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 invention of such papers shall be borne by the a IN TESTIMONY WHEREOF, I/We have here	own to me/us respecting this in execute and deliver all papers to successors and assigns, execu- do everything possible to aid a nation in the United States, it be assignee, its successors and assignee.	tvention and that may be not te all division assignee, its suring understood	testify in any legal proceeding, ecessary or desirable to perfect nal, continuation, and reissue accessors and assigns, to obtain
1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE		DATE / /GO
Yasushi Kageyama ADDRESS C/O KK Yutaka Giken 508-	Yasushi Kageyan	CITIZENSHIP	12/NOV 199
Hamamatsu-shi, Shizuoka-ken,	Japan	Japan	
2 FULL NAME OF SECOND ASSIGNOR IF ANY Sadaaki Ohashi	ASSIGNOR'S SIGNATURE Sadaaki Ohashi	<u> </u>	DATE 08/NOT '99
ADDRESS c/o KK Yutaka Giken 508- Hamamatsu-shi, Shizuoka-ken,	-1, Yutaka-machi, Japan	citizenship Japan	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Shuichi Nishizaki	ASSIGNOR'S SIGNATURE		08/Nov-99
ADDRESS C/O KK Yutaka Giken 508-		CITIZENSHIP	00/ Nov- 49
Hamamatsu-shi, Shizuoka-ken,		Japan	•
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE		DATE
Kozo Suganuma	Kozo Sugunuma		09/NOV 99
ADDRESS C/O KK Yutaka Giken 508-		сıтızeмsнір Japan	
Hamamatsu-shi, Shizuoka-ken, 5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	Japan ASSIGNOR'S SIGNATURE	Барап	DATE
ADDRESS		CITIZENSHIP	
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE		DATE
ADDRESS	<u> </u>	CITIZENSHIP	<u></u>

LAW OFFICES OF TOWNSEND & BANTA • WASHINGTON, D.C.

NAK-037-USA-P

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: CARRIER SUPPORTING MAT FOR 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 ____ Kabushiki Kaisha Yutaka Giken WHEREAS, _ (Full Name of Assignee) Japan a corporation of ___ (Country of Incorporation) whose post office address is 508-1, Yutaka-machi, Hamamatsu-shi, Shizuoka-ken, 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). ASSIGNOR'S SIGNATURE 1 FULL NAME OF SCIE OR FIRST ASSIGNOR 1999. NOV.16 Shinich: Tosa Shìnichi CITIZENSHIP ADDRESS C/O KK Honda Gijutsu Kenkyusho Chuo 1-chome, Wako-shi, Saitama-ken, 2 FULL NAME OF SECOND ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE CITIZENSHIP ADDRESS 3 FULL NAME OF THIRD ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE ADDRESS CITIZENSHIP ASSIGNOR'S SIGNATURE 4 FULL NAME OF FOURTH ASSIGNOR, IF ANY DATE ADDRESS CITIZENSHIP 5. FULL NAME OF FIFTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE CITIZENSHIP ADDRESS ASSIGNOR'S SIGNATURE DATE 6. FULL NAME OF SITTH ASSIGNOR IF ANY ADDRESS CITIZENSHIP

LAW OFFICES OF TOWNSEND & BANTA • WASHINGTON, D.C.

NAK-037-USA-P

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

(Title of Invention)

for which I/We executed an application for United	States Letters Patent concurren	tly herewith o	r filed an application for
United States Letters Patent on	, 19(Seri	al No); and
WHEREAS, Honda	Giken Kogyo Kabus	hiki Kai	sha
	(Full Name of Assignee)		
a corporation of	Japan		
whose post office address is 1-1, Minami	Country of Incorporation) Aoyama 2-chome, M	inato-ku	, Tokyo, Japan
(hereinafter referred to as Assignee), is desirous application for United States Letters Patent on this	of securing the entire right, til	tle, and interest to be issued	st in and to this invention, the upon this application;
NOW THEREFORE, be it known that, for go acknowledged, I/We, as assignor(s), have sold, ass over 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 invof this Assignment;	igned, transferred, and set over assigns, my/our entire right, ti his thereof, and all Letters Pater authorize and request the Cor	r, and do herel tle, and intere it of the Unite nmissioner of	by sell, assign, transfer, and set st in and to this invention and d States which may be granted Patents and Trademarks of the
AND, I/WE HEREBY further covenant and assignee, its successors and assigns, any facts kno 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 invention execution of such papers shall be borne by the IN TESTIMONY WHEREOF, I/We have here	execute and deliver all papers successors and assigns, execute do everything possible to aid nation in the United States, it be assigned, its successors and assigned, its successors and assigned.	nvention and that may be not the all division assignee, its subject to the subject of the subjec	testify in any legal proceeding, eccessary or desirable to perfect nal, continuation, and reissue
1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE		
Yasushi Kageyama	Yasushi Zagoras		DATE /2/Aug TV 99
ADDRESS C/O KK Yutaka Giken 508-	-1. Vutaka-machi	CITIZENSHIP	12/NOT 99
Hamamatsu-shi, Shizuoka-ken	. Japan	Japan	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	1 <u>-</u>	DATE
Sadaaki Ohashi	Sadaaki Ohashi		08/NOT 99
ADORESS c/o KK Yutaka Giken 508- Hamamatsu-shi, Shizuoka-ken	-1, Yutaka-machi,	CITIZENSHIP	
Hamamatsu-shi, Shizuoka-ken	, Japan	Japan	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Shuichi Nishizaki	ASSIGNOR'S SIGNATURE Shuichi Nishizaki		DATE
ADDRESS C/O KK Yutaka Giken 508-	1 Muich, Nishizak,	CITIZENONIO	08/Nar 99
Hamamatsu-shi, Shizuoka-ken,	-!, Yutaka-machi, Japan	citizenship Japan	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	Capan	DATE
Kozo Suganuma	Kozo Suganuma		09/NOV 99
ADDRESS C/O KK Yutaka Giken 508-	-1. Yutaka-machi	CITIZENSHIP	1 7 1000
Hamamatsu-shi, Shizuoka-ken,	Japan	Japan	
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	CITIZENSHIP	DATE

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NAK-037-USA-P

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: CARRIER SUPPORTING MAT FOR EXHAUST CONVERTER (Title of Invention) for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for __ (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 Assign nent, 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, nake 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). ASSIGNOR'S SIGNATURE 1 FULL NAME OF SOLE OR FIRST ASSIGNOR Shinichi Tosa 1999. NOV. 16 Shinich CITIZENSHIP ADDRESS C/O KK Honda Gijutsu Kenkyusho Chuo 1-chome, Wako-shi, Saitama-ken, Japan Japan 2 FULL NAME OF SECOND ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE CITIZENSHIP ADDRESS DATE 3 FULL NAME OF THIRD ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE CITIZENSHIP ADDRESS ASSIGNOR'S SIGNATURE DATE 4 FULL NAME OF FOURTH ASSIGNOR, IF ANY CITIZENSHIP ADDRESS DATE ASSIGNOR'S SIGNATURE 5 FULL NAME OF FIFTH ASSIGNOR, IF ANY CITIZENSHIP ADDRESS 6 FULL NAME OF SIXTH ASSIGNOR, IF ANY ASSIGNOR'S SIGNATURE DATE CITIZENSHIP ADDRESS

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RECORDED: 11/24/1999