

Director of the U.S. Patent and Trademark Office

R.

## 101520506 PATENTS ONLY

**3. DEPARTMENT OF COMMERCE** Patent and Trademark Office

		gnments gton, D.C. 20231			- UST 17
					Attorney Docket No. 100469
	То	the Director of the U.S. Patent and Trademark Office: F	lease	recor	d the attached original document or copy thereof.
1.	Α.	Name of conveying party(ies):  1. Satoshi MIZUTANI  2. Naoki ODA  3. Tetsuya KATO	2.	Α.	Name and address of receiving party(ies): BROTHER KOGYO KABUSHIKI KAISHA 15-1, Naeshiro-cho, Mizuho-ku Nagoya 467-0841 JAPAN
	В.	Additional name(s) of conveying party(ies) attached?  ☐ Yes ⋈ No			
3.	Α.	Nature of conveyance:		В.	Additional name(s) & address(es) attached?  ☐Yes ☒ No
	$\boxtimes$	Assignment			
		Security Agreement Change of Name			
		Other			
	В.	Execution Date: 1. May 26, 1998 2. May 26, 1998 3. May 26, 1998			
4.	Α.	If this document is being filed together with a new app	lication	on, th	e execution date of the application is:
	B.	Patent Application No.(s) 09/089.233		C.	Patent No.(s)
		Additional numbers att	l ached	l? [	] Yes 🔀 No
5.		ne and address of party to whom correspondence cerning document should be mailed:	6.	Tot	al number of applications and patents involved: 1
	Na	ime: James A. Oliff	7.	A.	Total fee (37 CFR 3.41)\$ 40
				B.	Enclosed (Check No. 112857)
	Ad	ldress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	8.		dit any overpayment or charge any underpayment to osit account number 15-0461.
9.	To t	tement and signature the best of my knowledge and belief the foregoing inform original document.	/ ation	is tru	e and correct and any attached copy is a true copy o
	ine (	miginal additional and a second a second and			Date: October 17, 2000
		nes A. Oliff Registration No. 27,075 pert A. Miller Registration No. 32,771			
Æ.		Total number of pages i	nclud	ing co	over sheet, attachments, and document: 6

**PATENT REEL: 011240 FRAME: 0892** 

	22	"	MI	141		~
_		16.0	N.		- 6	41

Transmit   Parameter   Param			(1) Sezoehi Mi		(S)		
(2) Tobsyre Kato (7) (8) (8) (9) Incord femous of the sum of one doller (81.00) and other good and valuable considerations paid to each of the sum of one doller (81.00) and other good and valuable considerations paid to each of the sum of one doller (81.00) and other good and valuable considerations paid to each of the sum of one doller (81.00) and other good and valuable considerations paid to each of the sum of one doller (81.00) and other good and valuable considerations paid to each of the sum of the sum of one doller (81.00) and other good and valuable consideration and the sum of t	(1-4)	Incert	(2) Nacki Ode	<b>.</b>			
(4) In consideration of the sum of one defer (81.00) and other good and valuable considerations paid to sent o undersigned, the undersigned agree(s) to satisfy, and hereby does assign, transfer and set over to undersigned agree(s) to satisfy, and hereby does assign, transfer and set over to 10. 15-1. Naseritro-cho, Mazan-ku, Nagoya, 467, Jepan (hereinster designated as the Assignes) the order sign. 16 and interest for the United States of America as de satisfy and set of the control of the contro			(3) Tetauya K	ato			
Uniform Name of Assignes (a) Brother Kogyo Kabuhite Kataha.  (b) Brother Kogyo Kabuhite Kataha.  (c) Brother Kogyo Kabuhite Kataha.  (d) Its-1, Nesethiro-cho, Missin-hu, Nagoya 467, Japan  (hereinstanded as the Assignes) the error right, the and interest to the United States of America as de in 55 U.S.C. 1100, in the invention, and in all applications for posteril installing any and all provisions, non-provision of the common such as Trice.  (11) Insert (11) FACSIMLE APPARATUS THAT DETECTS PRINT FAILURE TO RETAIN DATA IN MEMO such as Trice.  (Altorrey Docket No. 10049)  for which the undersigned has (here) seasched an application for passes in the United States of America.  (12) Insert Case of Application Remitter  (Altorrey Docket No. 10049)  for which the undersigned has (here) seasched an application for passes in the United States of America.  (12) Insert Date of States of Application (12) on May 26, 1998  Alternative (13) U.S. application Serial Number  (13) U.S. application Serial Number  (14) Insert Insert Case of Red United States of America and Application of United States of America (14) on May 26, 1998  (14) U.S. application State Remitted (15) U.S. application of the United States and U.S. application of the United States (			(4)				
Insert Name of Assignment (8) Brother Kogyo Kabushild Kalaha Insert Addimen of Assignment (10) Insert Addimen of Assignment (10) Insert Addimen of Assignment (10) Insert Conjugated as the Assignment the error right, the and inference for the United States of America as der in 35 U.S.C. (10) in the development of the error right, the and insert the United States of America as der in 35 U.S.C. (10) in the second confusion of the error right, the and insert as the insertation of the insertation in the insert Confusion of the insertation of the insertation in how as a second confusion of the insertation of the insertation in how as a second confusion (Altomy Docket No. 10048)  for which the undersigned has (fewe) executed an application for patent in the United States of America States of America (12) Insert Date of States of America (13) U.S. application Serial Number Lending of the Insertation of the Insertation of the Insertation of the Insertation of Confusion (13) U.S. application Serial Number Lending of the Insertation of Confusion (13) U.S. application Serial Number Lending of the Insertation of Confusion (13) U.S. application Serial Number Lending of the Insertation of Confusion (13) U.S. application Serial Number Lending of U.S. (13) U.S. application serial Number Lending of U.S. (13) U.S. application serial Number Lending of U.S. (13) U.S. application and J. (14) U.S. application of U.S. (15) U.S. application (15) U.S. application (15) U.S. application of U.S. (15) U.S. application (15) U.S. (1							
Insert Address of Anextree (10) 15-1. Neseritiro-cho, Mizzho-ku, Nagoya 467, Jepen (Invarianter designated as the Assignes) the entire right, title and inferest for the United States of America as der in 36 U.S.C. \$100, in the Invention, and in all applications for patient and provisional, non-provision of America, continuation, substitution, and in all applications for patient and provisional, non-provision development, confirmation, substitution and interest for the Invention function as the first (Invention function as the first (Invention function as the first (Invention function in the Invention function as the first (Invention function function for the Invention function as the first (Invention function function function) (Invention function) (Invention) (Invention) (Invention function) (Invention) (Inven	<b>3</b> )		•		, , <u> </u>		-
(11) Insert (11) Insert (12) FACSIMILE APPARATUS THAT DETECTS PRINT FAILURE TO RETAIN DATA IN MEMO (12) Insert (13) Insert (14) Insert (15) FACSIMILE APPARATUS THAT DETECTS PRINT FAILURE TO RETAIN DATA IN MEMO (16) Insert (17) FACSIMILE APPARATUS THAT DETECTS PRINT FAILURE TO RETAIN DATA IN MEMO (18) Insert (19) Insert (10) FACSIMILE APPARATUS THAT DETECTS PRINT FAILURE TO RETAIN DATA IN MEMO (17) Insert (18) Insert Date of Signing of (18) Alternative (19) Insert Office of Signing of (19) Alternative (19) Insert Office of Signing of (19) Alternative (19) Insert Office of Signing of (19) Insert Office (19) Insert O	10)	Insert Address of	(10) 15-1	Nasshiro-cho Mizuho-ku	Nacros 467 Jane	<u> </u>	
Identification is a Tife, Case Number, or Fereign Application Number  for which the undersigned has (have) seacched in application for patters in the United States of America  (12) Insert Date of Signing of (12) on May 26, 1998  Application (13) U.S. application Serial Number		•	in 36 U.S.C. \$100, divisional, continu ressamination cert	in the invention, and in all ap ation, substitute, and release lifeates that may be gramed	plications for patent in ue application(s), and on the invention know	ctuding any and all provisio all Letters Patent, extens n as	nel, non-provisional pions, reliseuss en
for which the undersigned has (have) executed an application for patent in the United States of America.  (12) Insert Date of Signing of Application  (13) Alternative (13) on May 26, 1998  Application  (14) Alternative (13) U.S. application Serial Number    Internative (14)   Insert Date of U.S. application Serial Number (15)   Insert Date of U.S. application for May 26, 1998  (15) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or release application for the invention, and any patential) leasing thereon, and also to execute expensive assignments in connection with such applications and patents at Assignment inscensory.  (2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or division thereof, or any patent of release application based thereon, for the invention, and to oppose with the Assignment every possible in claims in patents are release application based thereon, for the invention, and to oppose with the Assignment of the Content of the Conte	(11)	identification	(11) FACSIM	ILE APPARATUS THAT	DETECTS PRINT FA	NURE TO RETAIN DA	ITA IN MEMORY
(12) Insert Date of Signing of (12) on May 26, 1998 Application  (13) U.S. application Serial Number identification for Med June 2, 1998  (13) U.S. application Serial Number identification for Med gaptications  (14) The undersigned agree(s) to execute all papers necessary in connection with any application and any potential leading thereon, and also to execute separate assignments in connection with such applications and papers as Assignates may deem recessary.  (2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or division thereof, or any patent or release application based thereon, for the invention, and so cooperate with the Assignate in every possible in observing evidence and going forward with such interference.  (3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with olding provisions of the international Convention for Prospetion of Industrial Property or similar agreements.  (4) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with olding provisions of the international Convention for Prospetion of Industrial Property or similar agreements.  (4) The undersigned hereby application for Prospetion of Industrial Property or similar agreements to the Assignate.  (5) The undersigned hereby application for prospetion of the entire interest, and hereby covenement with the has (twy here) not assignate, as Assignate of the entire interest, and hereby covenements in the has (twy here) not assignate, and the the has (twy here) not assignate or the entire interest, and hereby covenements in the has (twy here) not assignate, and the the has (twy here) not assignate or the entire interest, and hereby covenements in the has (twy here) the interest or the entire interest, and hereby covenements in the has (twy hereby not assignate in the entire interest, and hereby covenements in the has			(Attorney Docket I	No. 100469			
Signing of Application (12) on May 26, 1998  Application (13) U.S. application Serial Number Identification for Med applications (13) U.S. application Serial Number Identification for Med applications (13) U.S. application Serial Number Identification for the Inversion, and any patential beauing thereon, and also to essecute separate assignments in connection with such applications and patents at Assignate may dearn recessary.  2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or division thereof, or any patent or release application based thereon, for the invertion, and to cooperate with the Assignate in every possible in observing evidence and going ferward with such inserterna.  3) The undersigned agree(s) to execute all papers and documents and perform any set which may be necessary in connection with claim provisions of the international Conversion for Protection of Industrial Property or straint agreement on the internation of Protection of Industrial Property or straint agreement to the Assignation for Protection of Industrial Property or straint agreement to the Assignation of Protection of Industrial Property or straint agreement to the Assignation of Protection of Industrial Property or straint agreement to the Assignation of Protection of Industrial Industrial Property or straint agreement to the State Property or straint agreement to the Control of Industrial Property or straint agreement to the Assignation of the Control of the Control of the Control of Industrial Property or straint agreement to the Assignation of the Control of the Con			for which the unde	iralgned has (heve) executed	an application for pate	int in the United States of A	vmerica
Identifications for filed June 2, 1998  1) The undersigned agree(s) to essecute all papers necessary in connection with any application and any continuing, divisional or reissue applicator for the invention, and any posteritie) issuing thereon, and also to essecute separate assignments in connection with such applications and patents at Assigness may dearn necessary.  2) The undersigned agree(s) to essecute all papers necessary in connection with any interference which may be declared concerning any application or division thereof, or any patent or release application based thereon, for the invention, and to cooperate with the Assignes in every possible in obtaining evidations and going ferward with such interference.  3) The undersigned agree(s) to associate all papers and documents and perform any act which may be necessary in connection with claim provisions of the international Convention for Protection of Industrial Property or similar agreements.  4) The undersigned agree(s) to perform all affirmative acts which may be necessary or obtain, maintain or confirm by release or reexamination at of a valid United States patent to the Assignes.  5) The undersigned agree(s) to perform all affirmative acts which may be recessary or obtain, maintain or confirm by release or reexamination at of a valid United States patent to the Assignes.  6) The undersigned hereby grant(s) and request(s) the Committeioner of Paterns to issue any and all Letters Patents of the United States (and the active interest interest, and hardly occurrents that he has (they have) full right to convenient hereby convenients in ordinal hereby to the active interest hardle assignment and that he has (they have) full right to convenients to be active the active interest interest in ordinal hereby the provenient in ordinal hereby for the document.  6) The undersigned hereby grant(s) the first form of CLIPT is BEARREDGE the power to insert on this assignment any further identification which me necessary or desirable in order to comply with the rul	(120)	Signing of	(12) on	May 26, 1998			
1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reisaus applicator the invention, and any potential) leasing thereon, and also to execute separate assignments in connection with such applications and patents at Assignment any deem recessary) to execute all papers necessary in connection with any interference which may be declared concerning any application or division thereor, or any potent or reisaus application based thereon, for the invention, and to cooperate with the Assignment in every potential in obtaining evidence and going forward with such insurference.  3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claim provisions of the international Conventions for Protection of Industrial Property or similar agreements.  4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by release or reexamination at of a valid United States paters to the Assignmen.  5) The undersigned hereby surfacts(s) and request(s) the Commissioner of Pesants to issue any and all Latters Petants of the United States after here interest, and hereby overviews that he has (they have) that first be conventive interest herein assignment any further identification which me assessary or desirable in order to comply with the rules of the United States. Papert and Tradement in conflict herewith.  In witness whereof, executed by the undersigned on the detection opposite the undersigned name(s).  Name of Inventors:  Nam	(13)		(13) U.S. applica	idon Serial Number			<del></del>
for the invention, and any pasint(s) leaving thereon, and also to essecute separate assignments in connection with such applications and pasents as Assignment measurement.  2) The undersigned agree(s) to essecute all papers necessary in connection with any interference which may be declared concerning any applic or continuation or division thereof, or any patent or release application based thereon, for the invention, and to cooperate with the Assignment or continuation or division thereof, or any patent or release application based thereon, for the invention, and to cooperate with the Assignment and countries of international Convention for Protection of the International Convention (International Convention) and International Convention (International Convention) and International Convention (International Convention Convention Conventional Convention			fled	June 2, 1998			
Date May 26. 1998  Name of Inverter Satoshi Migratant (SEAL)  Date May 26. 1998  Name of Inverter Maski Bda (SEAL)  Date Name of Inverter Tisture Maski Bda (SEAL)  Date Name of Inverter (SEAL)  This assignment should preferrably be signed before: (a) a Notary Public II within the U.S.A. (b) a U.S. Consul II outside the U.S.A. II neither. If should be signed before at least two witnesses who also sign here:  Date May 25, 1988  Witness Minness Satoshi Mingatant Mingatant (SEAL)  Witness Minness Satoshi Mingatant Mingatant (SEAL)  Witness Minness Satoshi Mingatant Mingatant (SEAL)  Witness Satoshi Mingatant Mingatant (SEAL)  Witness Satoshi Mingatant Mingatant (SEAL)	or contin	<ol> <li>The undersigned agree sustion or division thereof,</li> </ol>	or any patent or release	e application based thereon	it any interference whi , for the invention, and	ch may be declared concer I to ocoperate with the As	ming any application signes in every way
Date May 26, 1998  Name of Inverser Nation Sea. (SEAL)  Date Name of Inverser Visiture Nato Sea. (SEAL)  Name of Inverser Visiture Nato Sea. (SEAL)  Name of Inverser (SEAL)  This assignment should preferrably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, to should be signed before at least two witnesses who also sign here:  Date May 25, 1998  Witness	or conting possible provision of a valid resulting entire int	2) The undersigned agreemation or division thereof, in obtaining evidence and (3). The undersigned agreement of the international Convey.  4) The undersigned agreement in United States patent to the 5). The undersigned hereig from said application(s) to be set therein assigned, and 6). The undersigned hereigner or desirable in order to compare the set of the se	or any patent or release going forward with such a(s) to essecte all pap ention for Protection of (s) to perform all affirms a Assignee. by surhortse(s) and rec the said Assignee, as A that he has (they have) by grant(s) the tirm of O comply with the rules of	ie application based thereon interference.  ers and documents and per industrial Property or similar dive acts which may be recently the Commissioner (Lesignes of the entire interest) not esseuted, and will not a LITP a BERTHOGE the powdre United States Papert and	, for the invention, and form any act which m agreements, seary to obtain, maintain of Pasents to lesue and t, and hereby covenant secute, any agreement or to insert on this assist I Trademerk Office for	I to cooperate with the Asi my be necessary in conne in or confirm by release or re y and all Letters Patents on that he has (they have) to be in conflict herewith, grament any further identific recordation of this docume	eignee in every way ction with claims or examination a gran of the United States of right to convey the eation which may be
Date 1998 Name of Inversor 1984 (SEAL)  Date Name of Inversor (SEAL)  This assignment should preferably be signed before: (a) a Notary Public If within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, to should be signed before at least two witnesses who also sign here:  Date My 25, 1988 Witness 1994 A.S.  Witness 1994 A	or contin possible provision of a valid resulting entire ini	2) The undersigned agreemation or division thereof, in obtaining evisionce and (3). The undersigned agreems of the international Convolution of the international agreems of United States patent to the 5). The undersigned hereigned and (6). The undersigned hereigned	or any patent or release going forward with such e(s) to execute all pap ention for Protection of (s) to perform all affirms to Assignee. by authoriza(s) and re- the said Assignee, as A that he has (they have) by grant(s) the time of o comply with the rules of suited by the undereign	is application based thereon interference.  ers and documents and per industrial Property or similar dive acts which may be recently a set which may be recently as the Commissioner of the entire interest) not essecuted, and will not a LITY a BERVINDGE the powdre United States Papert and not on the delegic) opposite	, for the invention, and form any act which m agreements, many to obtain, maintain of Pesents to leave and and hereby covenant secute, any egreement or to insert on this assist I Trademark Office for the undereigned ner	I to cooperate with the Asi my be nabbeary in conne in or confirm by release or re y and all Letters Patents on that he has (they have) to be in conflict herewith, gravient any further identific recordation of this documents.	eignee in every way ction with claims or examination a gran of the United States if right to convey the pation which may be nt.
Case Name of Inventor (SEAL)  Date Name of Inventor (SEAL)  This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, to should be signed before at least two witnesses who also sign here:  Date My 25, 1988 Witness	or continuouslible provision of a valid resulting entire interesses.	2) The undersigned agreemation or division thereof, in obtaining evidence and (3) The undersigned agreement of the international Convoluted States patent to the 5) The undersigned herein trom said application(s) to breat herein assigned, and (6) The undersigned herein ay or desirable in order to coin writness whereof, essee May 26.	or any patent or release going forward with such a(s) to essecte all paperation for Protection of (s) to perform all affirms a Assignee. By surfortse(s) and recibe said Assignee, as A that he has (they have by grant(s) the time of comply with the rules of the the by the undereign used by the undereign.	te application based thereon interference.  ers and documents and per industrial Property or similar give acts which may be recently acts which may be recently acts of the entire interest of the entire interest of the control of the power and will not a LIPY a BERNINGS the power and on the detect) opposite Name of Inventor	for the invention, and form any act which magreements, seemy to obtain, maintain of Peterste to leave and, and hereby covenant secure, any egreement to insert on this assist Tradement Office for the undereigned ner	it to cooperate with the Asi my be necessary in conne in or confirm by release or re by and all Letters Patents of that he has (they have) to be in conflict herewith, grament any further identific recordation of this document he(s).  Magacia Mc	etion with claims or researchation a grant of the United States ill right to convey the sation which may be nt. (SEAL)
Date    Name of Inventor   (SEAL)   This assignment should preferably be signed before: (a) a Notary Public II within the U.S.A. (b) a U.S. Consul If outside the U.S.A. If neither, if should be signed before at least two witnesses who also sign here:    Date	or continuouslible provision of a valid resulting entire ini necesses Dete	2) The undersigned agreemation or division thereof, in obtaining evidence and (3) The undersigned agreems of the international Conv.  4) The undersigned agreed during States patent to the 5) The undersigned hereig from said application(s) to be undersigned, and (6) The undersigned, and (7) The undersigned hereig or desirable in order to continuous whereof, essee the said agreed to the undersigned hereigned hereig	or any patent or release going forward with such so(s) to execute all paperation for Protection of (s) to perform all affirms a Assignes. By surfrortse(s) and rest the said Assignes, as A that he has (they have by grant(s) the tim of Comply with the rules of sured by the undereign 4998	to application based thereon interference.  ers and documents and per industrial Property or similar sive acts which may be recently extra which may be recently extra with a commissioner of the entire interest) not executed, and will not excuted, and will not excuted, and will not extra	for the invention, and form any act which magreements, marry to obtain, maintain of Perents to issue and, and hareby covenant secure, any agreement or to insert on this assist Tradement Office for the undereigned near Satteshi	ay be necessary in connect or confirm by release or rel	etion with claims or examination a grant of the United States all right to convey the eation which may be nt.  (SEAL)
This assignment should preferably be signed before: (a) a Notary Public II within the U.S.A. (b) a U.S. Consul II outside the U.S.A. If neither, to should be signed before at least two witnesses who also sign here:  Date My 25, 1988  Witness	or continuouslible provision of a valid resulting entire let necesses Date Date	2) The undersigned agreemation or division thereof, in obtaining evidence and (3) The undersigned agreems of the international Conv.  4) The undersigned agreed during States patent to the 5) The undersigned hereig from said application(s) to be undersigned, and (6) The undersigned, and (7) The undersigned hereig or desirable in order to continuous whereof, essee the said agreed to the undersigned hereigned hereig	or any patent or release going forward with such so(s) to execute all paperation for Protection of (s) to perform all affirms a Assignes. By surfrortse(s) and rest the said Assignes, as A that he has (they have by grant(s) the tim of Comply with the rules of sured by the undereign 4998	te application based thereon interference.  ers and documents and per industrial Property or similar give acts which may be recently a set which may be recently a secured, and will not elected, and will not elected.  LIFT a BERTHINGS the power and on the date(a) opposite Name of Inventor Name of Inventor Name of Inventor	for the invention, and form any act which magreements, marry to obtain, maintain of Perents to issue and, and hareby covenant secure, any agreement or to insert on this assist Tradement Office for the undereigned near Satteshi	ay be necessary in connect or confirm by release or rel	etion with claims or remainston a grant of the United States all right to convey the matter which may be nt.  (SEAL)  (SEAL)
This assignment should preferribly be signed before: (a) a Notary Public II within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, it should be signed before at least two witnesses who also sign here:  Date My 26, 1998  Witness	or continuousline provision of a valid resulting entire ini necessa  Date Date Case	2) The undersigned agreemation or division thereof, in obtaining evidence and (3) The undersigned agreems of the international Conv.  4) The undersigned agreed during States patent to the 5) The undersigned hereig from said application(s) to be undersigned, and (6) The undersigned, and (7) The undersigned hereig or desirable in order to continuous whereof, essee the said agreed to the undersigned hereigned hereig	or any patent or release going forward with such so(s) to execute all paperation for Protection of (s) to perform all affirms a Assignes. By surfrortse(s) and rest the said Assignes, as A that he has (they have by grant(s) the tim of Comply with the rules of sured by the undereign 4998	to application based thereon interference.  ers and documents and per industrial Property or similar give acts which may be necessarily the Commissioner of Lasignes of the entire interest of the entire interest of the entire interest of the United States Pasent and the United	for the invention, and form any act which magreements, marry to obtain, maintain of Perents to issue and, and hareby covenant secure, any agreement or to insert on this assist Tradement Office for the undereigned near Satteshi	ay be necessary in connect or confirm by release or rel	ction with claims or reszamination a grant of the United States ill right to convey the sation which may be nt.  (SEAL)  (SEAL)  (SEAL)
Des may 26, 1998 William Massaki Tenasawa	or continuousline provision of a valid resulting entire interestrate i	2) The undersigned agreemation or division thereof, in obtaining evidence and (3) The undersigned agreems of the international Conv.  4) The undersigned agreed during States patent to the 5) The undersigned hereig from said application(s) to be undersigned, and (6) The undersigned, and (7) The undersigned hereig or desirable in order to continuous whereof, essee the said agreed to the undersigned hereigned hereig	or any patent or release going forward with such so(s) to execute all paperation for Protection of (s) to perform all affirms a Assignes. By surfrortse(s) and rest the said Assignes, as A that he has (they have by grant(s) the tim of Comply with the rules of sured by the undereign 4998	to application based thereon interference.  ers and documents and per industrial Property or similar sive acts which may be recently a acts which may be recently acts which may be recently acts which may be recently not executed, and will not a LIPP a BERTHIDGE the power and on the delegal opposite Name of Inventor	for the invention, and form any act which magreements, marry to obtain, maintain of Perents to issue and, and hareby covenant secure, any agreement or to insert on this assist Tradement Office for the undereigned near Satteshi	ay be necessary in connect or confirm by release or rel	ction with claims or resumination a grant of the United States all right to convey the sation which may be nt.  (SEAL)  (SEAL)  (SEAL)
	or continuousline provision of a valid resulting entire total nacessas Date Date Date Date Date Date Date Date	2) The undersigned agreemation or division thereof, in obtaining evidence and (3) The undersigned agreement of the international Convey.  4) The undersigned agreement United States patent to the 5) The undersigned herein the trends assigned, and (6) The undersigned herein assigned, and (7) The undersigned herein and order to	or any patent or release going forward with such e(s) to execute all paperation for Protection of (s) to perform all affirms a Assignee.  By authorizate) and recitive said Assignee, as A fact he has (they have by grant(a) the firm of Occupity with the rules of the said by the undereign 1998.  1998	to application based thereon interference.  ers and documents and per industrial Property or similar dive acts which may be recently acts which may be recently acts which may be recently increased, and will not a LIFT a BERNINGS the power and on the detect) opposite Name of Inventor Name of Inv	for the invention, and form any act which magreements, served to obtain, maintain of Perents to issue and, and hereby covenent recute, any agreement or this assist Tradement Office for the undereigned ner Satteshi	to cooperate with the Asiety be necessary in connect or confirm by release or rely and all Letters Patents on that he has (they have) further inconflict herewith, granient any turther identific recordation of this docume	ction with claims of sexamination a grant of the United States of the Un

**RECORDED: 10/17/2000** 

PATENT REEL: 011240 FRAME: 0893