Osamu TAKAI Michifumi TANGA    12 - 19 - 12   Address   13 2002   Address   13 43	TO THE	102320256	PATENTS ONLY  ND TRADEMARKS . or copy thereof
3. Nature of conveyance:       Assignment       Change of Name     Other	Kojiro TAKAHASHI Osamu TAKAI Michifumi TANGA	DEC 1 9 2002 W	Name: (1) NIHON PARKERIZING HIROSHIMA CO., LT (2) TOYO KOHAN CO. LTD.  Address: (1) 34-36, Dejima 1-chome, Minami-ku Hiroshima-shi, Hiroshima-ken 734-0003 JAPAN (2) 2-12, Yonbancho, Chiyoda-ku Tokyo 102-8447 JAPAN
4. Application number(s) or patent number(s). If this document is being filed together with a new application, the execution date the application is:  Date  A Patent Application No(s).  10/030,619  B. Patent No(s).  Additional numbers attached? [ ] Yes [XX] No  5. Name and address of party to whom correspondence concerning document should be mailed:  BROWDY AND NEIMARK, P.L.L.C. 624 Ninth Street, N.W. Suite 300 Washington, D.C. 20001-5303  BYTO Form-2038 in the amount of \$40.00 is attached.  Do Not Use This Space  Do Not Use This Space  1	[x] Assignment [ ] C		
A. Patent Application No(s).  10/030,619  B. Patent No(s).  Additional numbers attached? [ ] Yes [XX] No  5. Name and address of party to whom correspondence concerning document should be mailed:  BROWDY AND NEIMARK, P.L.L.C. 624 Ninth Street, N.W. Suite 300 Washington, D.C. 20001-5303  Do Not Use This Space  Do Not Use This Space  Do Not Use This Space  9. Statement and Signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.  Norman J. Latker (Reg. No. 19.963)	the application is:	nber(s). If this document is bei	ng filed together with a new application, the execution date of
5. Name and address of party to whom correspondence concerning document should be mailed:  BROWDY AND NEIMARK, P.L.L.C. 624 Ninth Street, N.W. Suite 300 Washington, D.C. 20001-5303  Do Not Use This Space  PTO Form-2038 in the amount of \$40.00 is attached.  Do Not Use This Space  9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.  Norman J. Latker (Reg. No. 19.963)		B.  1  1  1  1  1  1  1  1  1  1  1  1  1	Patent No(s).
Concerning document should be mailed:  BROWDY AND NEIMARK, P.L.L.C. 624 Ninth Street, N.W. Suite 300 Washington, D.C. 20001-5303  PTO Form-2038 in the amount of \$40.00 is attached.  Do Not Use This Space  Do Not Use This Space  Pto best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.  Norman J. Latker (Reg. No. 19,963)		Additional numbers attached?	[ ] Yes [XX] No
624 Ninth Street, N.W. Suite 300 Washington, D.C. 20001-5303  8. PTO Form-2038 in the amount of \$40.00 is attached.  Do Not Use This Space  9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.  Norman J. Latker (Reg. No. 19,963)			
Do Not Use This Space  9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.  Norman J. Latker (Reg. No. 19,963)	624 Ninth Street, N.W. Suite 300	7.	_
9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.  Norman J. Latker (Reg. No. 19,963)	Washington, D.C. 2000	I	PTO Form-2038 in the amount of \$40.00 is attached.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.  Norman J. Latker (Reg. No. 19,963)			
	005 EEKNIMAT 96000012 100 NOTE		s Space
Name of Person Signing Signature Date	9. Statement and Signature. To the best of my knowledge and b	Do Not Use This	
	9. Statement and Signature. To the best of my knowledge and boriginal document.  Norman J. Latker (Reg. No. 19.5)	Do Not Use This	s true and correct and any attached copy is a true copy of the

PATENT REEL: 013594 FRAME: 0352

## **ASSIGNMENT**

(1-5)	Insert Name(s) of Inventors		(1)	Kojiro TAKAHASHI
			(2)	Osamu TAKAI
			(3)	Michifumi TANGA
			(4)	
			(5)	
			• • • • • • • • • • • • • • • • • • • •	
			to each of th	ideration of the sum of ten dollars (\$10.00) and other good and valuable considerations paid to undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to hereby does assign, and set over to
(6)	Insert Name of Assignce	(6a)	NIHON .	PARKERIZING HIROSHIMA CO., LTD.
		(6b)	TOYO K	OHAN CO., LTD.
(7)	Insert Address of Assignee	(7a)	<u>34-36, D</u>	ejima 1-chome, Minami-ku, Hiroshima-shi, Hiroshima-ken 734-0003 Japan
		(7b)	2-12, Yo	nbancho, Chiyoda-ku, Tokyo 102-8447 Japan
				designated as the Assignee) the entire right, title and interest owned by the undersigned for the es, its territories, dependencies and possessions, in the invention known as
(8)	Insert Identification of Invention such as Title, Case Number or Foreign Application Number	on,	(8)	METHODS FOR CONSTRUCTING DNA LIBRARY AND SUPPORT CARRYING DNA LIBRARY IMMOBILIZED THEREON
	roreign Application Number			ne undersigned has filed or will file a provisional application, or for which undersigned has con-provisional application for patent in the United States of America
(9)	Insert Date of Signing		(9)	on
	of Application			
(10)	Alternative Identification for Filed Applications		(10)	U.S. Application Number
	Joint additional and	File	ď	January 11, 2002
			assignee all Patent of the extensions to	f the undersigned also agrees to assign, and hereby does assign, transfer and set over to said provisional and non-provisional applications for patent and any original and reissued Letters to United States granted for said invention and any divisions, reissues, continuations and hereof and in and to any Letters Patent that may be granted thereon, including the subject y and all claims which may be obtained in every such patent.
		eparate	assignments	all papers in connection with the application and any continuing or divisional or reissue in connection with such applications as the Assignee may deem necessary or expedient or reby transferred.
	<ol> <li>Each of the undersigned n or continuation or division or r interference.</li> </ol>	agrees t re-issue	o execute all thereof and t	papers necessary in connection with any interference which may be declared concerning this o cooperate with the Assignee in every way possible in obtaining evidence and going forward
the Assign	3) Each of the undersigned	agrees t	o perform all	affirmative acts which may be necessary to obtain a grant of a valid United States patent to
invention	and improvements thereof, and w	vill, upo	n request, but	cate to the Assignee or representatives thereof any facts known to him or her respecting the twithout expense to him or her, testify in any legal proceedings regarding the invention.
and bereb	ulting from said application or a	ny divis	nion or divisio	nd requests the Commissioner of Patents to issue any and all Letters Patents of the United ons or continuing applications thereof to the said Assignee, as Assignee of the entire interest, e entire interest herein assigned, and that he or she has not executed and will not execute, any
which ma	<li>6) Each of the undersigned y be necessary or desirable in ord</li>	hereby ler to co	grants the fit mply with the	on of Browdy and Neimark the power to insert on this assignment any further identification exules of the United States Patent Office for recordation of this document.
benefit of	<ol> <li>This Assignment shall be the beirs, executors, administrat</li> </ol>			irs, executors, administrators, and/or assigns of each of the undersigned, and shall inure to the l/or assigns of the Assignee.
	In witness whereof, executed	by cac	h of the und	ersigned on the date opposite the name of the undersigned.
(1) Dat	= January 18,202 Sig	nature	of Inventor	Kojiro TAKAHASHI MENTINE Gababashi
	<i>y</i>		of Inventor	Osamu TAKAI Czamu Fakzai
(3) Dat	/		of Inventor	Michifumi TANGA Muchil um Janea
(4) Dat	$\mathcal{O}$		of Inventor	The state of the s
(5) Dat			of Inventor	
Date		tness	or investigi	
Date				
	WI	tness		

PATENT REEL: 013594 FRAME: 0353