501871430 03/29/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Hans Juergen MATTAUSCH	03/13/2012
Tetsushi KOIDE	03/13/2012
Tania ANSARI	03/12/2012
Wataru IMAFUKU	03/12/2012
Akihiro KAYA	03/12/2012

RECEIVING PARTY DATA

Name:	HIROSHIMA UNIVERSITY	
Street Address:	3-2, Kagamiyama 1-chome	
City:	Higashihiroshima-shi, Hiroshima	
State/Country:	JAPAN	
Postal Code:	739-8511	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13499112

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	5120-014	
NAME OF SUBMITTER:	Benjamin J. Hauptman	

Total Attachments: 2

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PATENT

REEL: 027955 FRAME: 0828

OP \$40,00 13499112

501871430

Docket No.: 5120-014

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Hans Juergen MATTAUSCH
- 4) Wataru IMAFUKU

	2)	Tetsushi KOIDE		5)	Akihiro KAYA	
	3)	Tania ANSARI				
who has	s made	a certain new and u	seful invention, herel	by sells,	assigns and transfers unto	
HIRO	SHIN	MA UNIVERSIT	$oldsymbol{\Gamma} \mathbf{Y}$ having a place of	f busine	ss at 3-2, Kagamiyama 1-chome,	
Higashihiroshima-shi, Hiroshima 739-8511 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled						
(a)	for w	hich an application for Patent Application	or United States Lette No. 13/499, 11	ers Paten L 2	at was filed on $\frac{29 \text{ MAR } 2012}{\text{, or}}$, and identified by United	
(b)	for w	hich an application fo	or United States Lette	rs Paten	at was executed on,	
continua Property agrees th applicati ASSIGN applicati ASSIGN	tions-intions-intions-into the sat the	n-part thereof, and said ASSIGNEE, for attorneys of record in the undersigned he and obtaining origins successors, assigns a patent based there	the may be granted to the right to all bene or its interest as ASSI a said application shall reby agrees to trans al, divisional, reissued and legal representat	herefore fits und IGNEE, Il hereaf sfer a l d or exte ives, an	States Commissioner of Patents and Trademarks to issue any and any and all extensions, divisions, reissues, continuations, or er the International Convention for the Protection of Industrial its successors, assigns and legal representatives; the undersigned for act on behalf of said ASSIGNEE; like interest, and to render all necessary assistance in making ended Letters Patent of the United States, upon request of the said d without further remuneration, in and to any improvements, and add to the said invention; and to execute any papers by the said termed essential to ASSIGNEE's full protection and title in and to	
SIGNED	on the	date indicated aside	my signature:			
1) Name:	How Hans	J. Mat Jucigen MATTAUS	tausir SCH		13/03/2012 Date: 20/2/03/13	
2)\ Name:	Je Tetsus	TSUSIM F hi KOIDE	orov		Date:	
3) Name: '	1/21	MWW)— ANSARI			12/03/2012 Date:	
Name: '	Watar	u IMAFUKU			Date:	
) <u> </u>	Akihir	o KAYA	_		Date:	

Docket No.: 5120-014

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

Wataru IMAFUKU

Akihiro KAYA

4)

5)

1) Hans Juergen MATTAUSCH

Tetsushi KOIDE

Tania ANSARI who has made a certain new and useful invention, hereby sells, assigns and transfers unto HIROSHIMA UNIVERSITY having a place of business at 3-2, Kagamiyama 1-chome, Higashihiroshima-shi, Hiroshima 739-8511 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled ASSOCIATIVE MEMORY for which an application for United States Letters Patent was filed on $\frac{29 \text{ MAR } 2012}{\text{States Patent Application No. }}$, and identified by United States Patent Application No. $\frac{13/499,112}{\text{states Patent Application No. }}$; or (a) (b) for which an application for United States Letters Patent was executed on ____ and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred. SIGNED on the date indicated aside my signature: Name: Hans Juergen MATTAUSCH Date: Name: Tetsushi KOIDE Date: Name: Tania ANSARI 4) Wotaru Imofuku
Name: Wataru IMAFUKU
5) Akihiro Kaya
Name: Akihiro KAYA 2012/03/12Date: 2012/03/12Date:

> PATENT REEL: 027955 FRAME: 0830

RECORDED: 03/29/2012