MR1035-1986

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HOMER H. CHEN CHIA-KAI LIANG DAVID YEH BRIAN SUNG	Name: NATIONAL TAIWAN UNIVERSITY	
Execution Date(s) 3/24/08; 3/24/08; 3/24/08	Street Address: NO. 1, SEC. 4, ROOSEVELT RD.,	
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of conveyance:		
✓ Assignment	City: TAIPEI	
Security Agreement Change of Name	State:	
Government Interest Assignment	Country: TAIWAN, R.O.C. Zip:	
Executive Order 9424, Confirmatory License	Country. TAIWAN, R.O.C.	
Other	Additional name(s) & address(es) attached? Tyes Vo	
4. Application or patent number(s):	document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
12/078,491		
Additional numbers attached?		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Morton J. Rosenberg, Esq.	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00	
Internal Address: Rosenberg, Klein & Lee	Authorized to be charged by credit card	
	✓ Authorized to be charged to deposit account	
Street Address: 3458 Ellicott Center Drive,	Enclosed	
Suite 101	None required (government interest not affecting title)	
City: Ellicott City	8. Payment Information	
State: MD Zip: 21043	a. Credit Card Last 4 Numbers Expiration Date	
Phone Number: <u>410-465-6678</u>	b. Deposit Account Number 18-2011	
Fax Number: 410-461-3067	Authorized User Name	
Email Address: rkl@rklpatlaw.com	Authorized Oser Name	
9. Signature	4/9/2008	
Signature	Date	
Morton J. Rosenberg	Total number of pages including cover sheet, attachments, and documents:	
Name of Person Signing		

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PATENT REEL: 020793 FRAME: 0769

ASSIGNMENT	
This assignment agreement is applicable to an invention entitled (invention title)	·
DIGITAL IMAGE STABILIZATION METHOD	
This PATENT RIGHT referred to in this agreement are:	
(check one) a Patent Application for this invention, executed by the ASS. U.S. Patent Application Serial No. 12/078, 491	[GNOR(S) concurrently with this Assignment
☑ U.S. Patent Application Serial No. 12/078,491	
U.S. Patent No.	
The PATENT RIGHT assigned under this agreement are:	
(check one) U.S. Patent rights only worldwide Patent rights. In this case, the assigned shall have	the right to also the honefit of the filing date of
	the tight to claim die ceneme of the minig care of
any U.S. Patent Application identified above. The ASSIGNOR(S) referred to in this agreement is (or are):	
(Full name of first inventor) Homer H. Chen	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
(Address) No. 1, Sec. 4, Roosevert Rui, Taiper, Taiwan, R.O.C.	
(Full name of second joint inventor, if any) Chia-Kai Liang	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
(Full name of third joint inventor, if any) David Yeh	<u> </u>
(Address) No. 1. Sec. 4. Roosevelt Rd., Taipei, Taiwan, R.O.C.	
(Full name of fourth joint inventor, if any) Brian Sung	<u> </u>
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	<u> </u>
The First ASSIGNEE referred to in this agreement is:	
	<u> </u>
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	<u> </u>
The Second ASSIGNEE referred to in this agreement is:	
(Name of Assignee)	
The Third ASSIGNEE referred to in this agreement is:	
(Name of Assignee)	<u> </u>
(Address)	<u> </u>
The First ASSIGNEE is	
(check one) an individual	
a partnership	
	<u> </u>
The Second ASSIGNEE is	
(check one) an individual	
a nartnership	
corporation of	
(state or Country)	
The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and	other good and valuable consideration, receipt of
which is acknowledged, have and do hereby assign the following to each ASSIGN	EE; their successors and assigns:
the full and exclusive right to the invention;	
an equal interest in and to the entire right, title and interest in and to	the PATENT RIGHTS in the invention; all
continuations, continuations-in-part, divisionals, re-issues, and re-e	xamination patents and patent applications; and
the right to claim priority under 35 U.S.C. 119, based on any earlie	t joycigh applications for this invention.
As to all U.S. Patent Applications assigned under this Agreement, the ASSIC Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s	interior increus audionicals) and requests) me has the ACCICMED(s) of an equal interest in
Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNAP(s) the entire right, title and interest, for the sole use and enjoyment of said ASSIGNAP	
Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEB(s),	or their representatives, any facts known to the
ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sig	n all lauful naners, execute all divisional, continuation
Continuation—in part, substitute, renewal, reexamination and reissue applications,	execute all necessary assignment naners to cause any
and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths a	nd generally do everything necessary or desir-
able to sid said ASSIGNEE(s), their successors and assigns, to obtain an enforced	proper protection for said invention.
(Signature of sole or first inventor)	3/24/08 (Date) 3/24/08 (Date)
(Signature of sole or first inventor)	(Date)
Chin-Koi linual	3/24/08
(Signature of second/inventor, if any)	(Date)
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	Marsh
(Signature of third inventor, if any)	(Date)
(Signature of fourth inventor, if any)	(Date)

PATENT REEL: 020793 FRAME: 0770

ASSIGNMENT I	
This essignment agreement is applicable to an invention entitled (invention title)	
DIGITAL IMAGE STABILIZATION METHOD	
This PATENT RIGHT referred to in this agreement are:	
(check one)	GNOR(S) concurrently with this Assignment
U.S. Patent Application Serial No. 12/078,491	, filed4/1/2008
U.S. Patent No	, issued
The PATENT RIGHT assigned under this agreement are:	
(check one) [3] U.S. Patent rights only	
worldwide Patent rights. In this case, the assignee shall have t	he right to claim the benefit of the filing date of
any U.S. Patent Application identified above.	
The ASSIGNOR(S) referred to in this agreement is (or are):	
(Full name of first inventor) Homer H. Chen	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
(Fu) name of second joint inventor, if any) Ch ia-Kai Liang	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	<u>_</u>
(Full name of third joint inventor, if any) David Yeh	
(Full name of third joint inventor, if any) <u>David Yeh</u> (Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
(Full name of fourth joint inventor, if any) Brian Sung	
(Address) No. 1 Sec. 4. Roosevelt Rd., Taipei, Taiwan, R.O.C.	
The First ASSIGNEE referred to in this agreement is:	
and the second of the second o	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
The Second ASSIGNEE referred to in this agreement is:	-
(Name of Accionac)	<u> </u>
(Address) The Third ASSIGNEE referred to In this agreement is:	
The Third ASSIGNEE referred to In this agreement is:	
(Name of Assignee)	
(Address) The First ASSIGNEE is	
(check one) an individual	
a partnership	
□ a Corporation of Taiwan, R.O.C.	
(state or Country)	······································
The Second ASSIGNEE is	
(check one) 🔲 an individual	
a partnership	
a Corporation of	
(state or Country)	dian and and antiquely
The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and of	mer good and valuable consideration, receipt of
which is acknowledged, have and do hereby assign the following to each ASSIGNE	on; their successors and assigns:
the full and exclusive right to the invention;	ALA DATENTE BIGLITÉ in the invention: All
an equal interest in and to the entire right, title and interest in and to	uic FALENT RIGHTS III like lily citient, and
continuations, continuations-in-part, divisionals, re-issues, and re-ex the right to claim priority under 35 U.S.C. 119, based on any earlier	foreign applications for this invention
the right to claim priority under 35 U.S.C. 119, based on any earlier	NOR(s) hereby authorize(s) and request(s) the
As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and request(s) the Director of Patents and Trademarks to Issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in	
Director of Patents and Trademarks to Issue all Letters Patent to the ASSIGNEE(s) the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE	F(s), their successors and assigns.
Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), o	or their representatives, any facts known to the
ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign	all lawful papers, execute all divisional continuation.
Continuation-in part, substitute, renewal, reexamination and reissue applications, e	execute all necessary assignment papers to cause any
and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths an	d generally do everything necessary or desir-
able to aid said ASSIGNEE(s), their successors and assigns, to obtain an enforced to	proper protection for said invention.
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(Signature of sole or first inventor)	(Date)
(Signature of second inventor, if any)	(Date)
1 · - , - n	>008/3/24
David yell	(D-44)
(Signature of third inventor, if any)	(Date)
1	
(Signature of fourth inventor, if any)	(Date)
(noBenesia 41 4-200 per 100 pe	

PATENT REEL: 020793 FRAME: 0771

ASSIGNMENT DEED	
This assignment agreement is applicable to an invention entitled (invention title)	
DIGITAL IMAGE STABILIZATION METHOD	<u> </u>
This PATENT RIGHT referred to in this agreement are:	
(check one) a Patent Application for this invention, executed by the ASSIGNOR(S U.S. Patent Application Serial No. 12/078, 491 U.S. Patent No. 12/078, issued) concurrently with this Assignment
U.S. Patent Application Serial No. 12/0/0,491	, filed
U.S. Patent No, issued	
The PATENT RIGHT assigned under this agreement are:	
(check one) 🕎 U.S. Patent rights only	
worldwide Patent rights. In this case, the assignee shall have the right t	o claim the benefit of the filing date of
any U.S. Patent Application identified above. The ASSIGNOR(S) referred to in this agreement is (or are):	
The Assignor(s) referred to in this agreement is (or are):	
(Full name of first inventor) Homer H. Chen (Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipel, Taiwall, R.O.C.	
(Full name of second joint inventor, if any) Chia-Kai Liang	<u> </u>
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
(Full name of third joint inventor, if any) David Yeh	
(Full name of third joint inventor, if any) David Yeh Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	<u> </u>
(Full name of fourth joint inventor, if any) Brian Sung	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	<u> </u>
The First ASSIGNEE referred to in this agreement is:	
(Name of Assignee) National Taiwan University	
(Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.	
The Second ASSIGNEE referred to in this agreement is:	
(Name of Assignee)	
The Third ASSIGNEE referred to in this agreement is:	
(Name of Assignee)	
(Address)	
The First ASSIGNEE is	
(check one) \square an individual	
a partnership	
K a Corporation of <u>Taiwan, R.O.C.</u> (state or Country)	
The Second ASSIGNEE is	
(check one) an individual	
a partnership	
a Corporation of	
(state or Country)	
The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good	f and valuable consideration, receipt of
which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their	successors and assigns:
the full and exclusive right to the invention;	
an equal interest in and to the entire right, title end interest in and to the PATE	ENT RIGHTS in the invention; all
continuations, continuations-in-part, divisionals, re-issues, and re-examination	on patents and patent applications; and
the right to claim priority under 35 U.S.C. 119, based on any earlier foreign a	applications for this invention.
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the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their	r successors and assigns.
Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their re ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawfe	intropers execute all divisional continuation
Continuation-in part, substitute, renewal, reexamination and reissue applications, execute a	Il necessary assignment naners to cause any
and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and general	lly do everything necessary or desir-
able to aid said ASSIGNEE(s), their successors and assigns, to obtain an enforced proper pr	rotection for sald invention.
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	(D-1-)
(Signature of sole or first inventor)	(Date)
(Signature of second inventor, if any)	(Date)
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(O)	(Date)
(Signature of third inventor, if any)	`. ` _]
Christy _	3/24/08
(Signature of fourth inventor, if any)	(Date)

PATENT

REEL: 020793 FRAME: 0772