PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6579170

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK A. MILLER	02/16/2021
PETER F. LADWIG	02/19/2021
DOUGLAS P. RIEMER	02/16/2021
DUANE M. JELKIN	02/03/2021
JOHN L. SCHUMANN	02/19/2021
ZACHARY A. POKORNOWSKI	02/16/2021

RECEIVING PARTY DATA

Name:	HUTCHINSON TECHNOLOGY INCORPORATED
Street Address:	40 WEST HIGHLAND PARK DRIVE NE
City:	HUTCHINSON
State/Country:	MINNESOTA
Postal Code:	55350

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17137278

CORRESPONDENCE DATA

Fax Number: (650)833-2001

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (650) 833-2000

PaloAltoPatentDocket@us.dlapiper.com Email:

Correspondent Name: CHRISTOPHER M. MOONEY Address Line 1: 2000 UNIVERSITY AVENUE

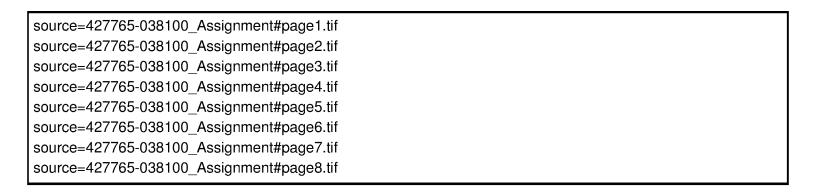
Address Line 4: EAST PALO ALTO, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:	427765-038100
NAME OF SUBMITTER:	CHRISTOPHER M. MOONEY
SIGNATURE:	/Christopher M. Mooney/
DATE SIGNED:	03/02/2021

Total Attachments: 8

PATENT REEL: 055460 FRAME: 0565

506532394



PATENT REEL: 055460 FRAME: 0566

ASSIGNMENT

WHEREAS, we, Mark A. Miller, residing in Hutchinson, MN; Peter F. Ladwig, residing in Hutchinson, MN; Douglas P. Riemer, residing in Waconia, MN; Duane M. Jelkin, residing in Hutchinson, MN; John L. Schumann, residing in Litchfield, MN; and Zachary A. Pokomowski, residing in Cokato, MN have invented a "Sensor Shift Structures In Optical Image Stabilization Suspensions" for which we have executed application papers for a U.S. patent thereon, which was filed on December 29, 2020, serial no. 17/137,278; and

WHEREAS, Hutchinson Technology Incorporated, a Minnesota Corporation, having a place of business located at 40 West Highland Park Drive NE, Hutchinson, MN, 55350 is desirous of acquiring the exclusive right, title and interest in and to said inventions and in the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Mark A. Miller, Peter F. Ladwig, Douglas P. Riemer, Duane M. Jelkin, John L. Schumann and Zachary A. Pokornowski (collectively the "Inventors"), do hereby sell, assign, transfer and set over unto said Hutchinson Technology Incorporated, its successors and assigns, the full and exclusive right, title and interest: (a) in and to said application and said inventions and any priority applications thereto, and any later filed United States utility or foreign applications claiming priority to said application; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a priority application, utility, division, substitution, continuation or continuation-in-part of any of said

applications; and (d) in and to each and every reissue or extension of any of said patents; and (e) all claims for damages by reason of past infringement of said patents together with any back damages and royalties accrued; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Hutchinson Technology Incorporated, its successors and assigns, in accordance with this Assignment.

The Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries for perfecting in said Assignee the right, title and interest herein conveyed; for prosecuting any of said applications; and for filing and prosecuting utility, substitute, divisional, continuing or additional applications covering said invention.

The Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: Sensor Shift Structures In Optical Image Stabilization

Suspensions

Inventor: Mark A. Miller

WITNESS MY HANI) 11 <u>44</u>	<u>khiosoa,</u>	Mic	ooesata)	_, this
(date)	day of	(city, stai +eb-uar (month)		, <u>2021 </u>	
	s. //				
<i></i>	92 ₀ ,				

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

County of Noted)) ss. 	
On 2/6/1021 before me,	Joanne Bollin	, a Notary
subscribed to the within instrur in his/her/their authorized caps	rna. I A. M. I W. of satisfactory evidence to be the person(s) verified to me that he/she/the scity(ies), and that by his/her/their signature(so the half of which the person(s) acted, executed the half of which the person(s) acted, executed the half of which the person(s).	ey executed the same s) on the instrumen

I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Affix seal here]

JOANNE JEANETTE BOLLIN Notary Public Minnesota Aly Commission Expires Jan 31, 2026 Signature of Notary Public

Page 3 of 8

[ASSIGNMENT CONTINUATION]

Ç	c	: }	IJ,	S	, }	8	te	38	Á	83	83	Š	Š	ti	0	88	¢	33	ŭ	ŧ	e	ď	•	5	ŝ	80	8	s	Ö	۴	Š	Š	i	Ŕ	S'8	8	ž	£	8	ß.	"	:3	8	3	E	þ	ž.	c	a	į.	Ž	78	Œ,	œ.	, e	\$ ¢0	Ó	ġ,	8	 88	86	39	8
							8																																																								

Inventor: Peter F. Ladwig

rness my hani 1つ ナウ		tchinson M	innesota
(date)	day of	tebruary (month)	,

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

County of McLeod) ss.)	
On $\frac{2/19}{2023}$ before me,	<u>Coanni</u>	e Bollin	, a Notary
Public, personally appeared	Parte la	ad wier-	,
who proved to me on the bas	is of satisfactory	evidence to be the	person(s) whose name(s) is/are
subscribed to the within instr	rument and ackno	owledged to me tha	t he/she/they executed the same
in his/her/their authorized ca	pacity(ies), and	that by his/her/their	r signature(s) on the instrument

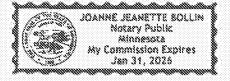
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[Affix seal here]

State of Minnesota



Signature of Notary Public

[ASSIGNMENT CONTINUATION]

2	2	e;	ğ	J.	S	Ĭ	3,	18	Ċ	ì	ŧ	4	ĩ	×	3	3	¢,	3	i	0	r	ı	e.	n	ti	ŧ	k	٠.	į	4	5	e	71	S	į,	ij	٠,	S	į	8	8	ŕ	3	8	r	٤٤	C	£.	u	r,	es	Š.	8	ž	٤	3	ø,	į	C	ď	ŝ	į	ė,	8	(8)	ø	e	3	8	Œ	Ó	š	i	7	3	:8	ũ	88	ĺ

Suspensions

Inventor: Douglas P. Riemer

WITNESS MY HAND at	tatolioso	n, Minnes state)	The state of this
(date) day o		99, <u>202</u> (year)	<u>.L</u> .
Douglast Riemer	<u> </u>		
A notary public or other office	r completing this certif	icate verifies only the	identity of the
individual who signed the doc accuracy, or validity of that do	ument to which this ce		
State of Minnesota)	SS.	
County of McLeod		wa.	
On 2/16/2021 before me,	Janne P Douglas R	ollim	, a Notary
Public, personally appeared	Downlas R	semen	,

I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[Affix seal here]

JOANNE JEANETTE BOLLIN Notary Public Minnesota Ay Commission Expires Jan 31, 2026

Signature of Notary Public

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: Sensor Shift Structures In Optical Image Stabilization

Suspensions Inventor: Duane M. Jelkin

WITNESS MY HAND at	Hetchinso	$\cap M$	noesota	_2, this
ma ed	lay of FEDruc	state) . C ()	, 2021.	,
(date)	(month)	J	(year)	
Anusku	(465			
Duane M. Jelkin	<u>}</u>			

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of ivinnesota		
County of McLucd) ss.)	
On ^{2/3} /2021 before me,	John Bollin	, a Notary
Public, personally appeared	Duane Nert Telkin f satisfactory evidence to be the person(s) w	
subscribed to the within instrume	nt and acknowledged to me that he/she/they	y executed the same
	ty(ies), and that by his/her/their signature(s sehalf of which the person(s) acted, executed	

I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Affix seal here]



Signature of Notary Public

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: Sensor Shift Structures In Optical Image Stabilization

Suspensions

Inventor: John L. Schumann

19th _	city, s	tate)	<u>nnesota</u> ,,
day (date)	01 <u>1 </u>	-J-	(year)
Uh ISh	adorum		

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Minnesota)	
County of <u>McLead</u>) ss.)	
On 3/19/221 before me,	Joanne Bollin	, a Notary
Public, personally appeared	ITOHO Schumann	
subscribed to the within instru	of satisfactory evidence to be the person(s) we ment and acknowledged to me that he/she/the	y executed the same
	acity(ies), and that by his/her/their signature(s n behalf of which the person(s) acted, executed	

I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Affix seal here]

JOANNE JEANETTE BOLLIN Notary Public Minnesota My Commission Expires Jan 31, 2026

Signmure of Notary Public

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: Sensor Shift Structures In Optical Image Stabilization

Suspensions

Inventor: Zachary A. Pokomowski

WITNESS MY HAND 81 <u>†</u>	tutebins,	$\frac{2000}{\text{state}}$	<u>iocesoli</u>	<u>ra</u> Jth
(date) day	of <u>tebruc</u> (month)	actor,	<u>2021</u> (year)	[*]
A	`			
Zachary A. Pokomowski	~			

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

County of <u>Mckod</u>	, 	\$\$.	
On ^{2/16/2021} before me,	Joanne	. Bollin	, a Notan
Public, personally appeared who proved to me on the basis	Zuhani	tokornowski	
subscribed to the within instru			

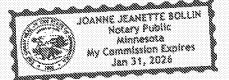
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[Affix seal here]

State of Minnesota



Signature of Notary Public

Page 8 of 8

RECORDED: 03/02/2021