Form 7 1595 O 1 P E	11-14-2000 U.S. DEPARTMENT OF COMMERCE -Patent and Trademark Office
NOV 0 6 2000 RECOR	(Text Modified) Atty. Docket No. 3521.142 (ALJ)
NUV 0 6 2000 RECOR	101514469 ———————————————————————————————————
	Commissioner of Patents and Trademarks: attached original documents or copy thereof.
1. Name of conveying party(ies):	Name and address of receiving party(ies):
	Name: ULTRATECH STEPPER, INC
<ol> <li>ANDREW M. HAWRYLUK</li> <li>SOMIT TALWAR</li> </ol>	
3. YUN WANG 4. DAVID A. MARKLE	Street Address:3050 Zanker Road
5. MICHAEL O. THOMPSON	City: San Jose State: CA ZIP: 95134
	11-6-00
Additional name(s) of conveying party(ies) attached? [[Yes [X] No	
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X] No
[X] Assignment	
Security Agreement Change of Name	
[] Other	
Execution Date:  1. OCTOBER 20, 2000 2. OCTOBER 3, 2000 3. OCTOBER 3, 2000 4. OCTOBER 3, 2000 5. OCTOBER 3, 2000	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execu	tion date of the application is:
A. Patent Application No.(s) B.	Patent No.(s)
09/659,094	
Addition	al numbers attached? [] Yes [X] No
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	Total number of applications and patents involved: [1]
Name: ALLSTON L. JONES	
PETERS VERNY JONES & BIKŠA, LLP	7. Total fee (37 CFR 3.41): \$ <u>40.00</u>
Street Address: 385 Sherman Avenue, Suite 6	[X] Authorized to be charged to deposit account
	8. Deposit account number:
City: Palo Alto State: CA ZIP:94306-1840	16-1331  (Attach duplicate copy of this page if paying by deposit account)
	NOT USE THIS SPACE ,
9. Statement of Signature	mation to true and correct and any attached copy is a true copy of the original document.
ALLSTON L. JONES (Reg. 27,906) Name of Person Signing	November 2, 2000  Date
	Total number of pages comprising cover sheet: [1]

PATENT REEL: 011224 FRAME: 0224

## **ASSIGNMENT**

WHEREAS, We,

Attorney Docket No. 3521.142 (ALJ)

1.	ANDREW M. HAWRYLUK	2.	SOMIT TALWAR	
3.	YUN WANG	4.	DAVID A. MARKLE	
5.	MICHAEL O. THOMPSON			
princi Assigi busine consid Assigi	executed an employment agreement with ipal place of business located at 3050 Zannee, whereby we each have agreed to assigns and which were first conceived or actual NOW, THEREFORE, pursuant to the the deration, receipt of which is hereby acknownee, its successors and assigns, the entire would and under an application for Letters Pate	ker Road, San J gn to the Assignee lly reduced to pra erms of said empl wledged, we each orld-wide title, into	ose, California, 95134 hereinafter ceall inventions which relate to the Actice during our employment by the Acomment agreement and for good and do hereby sell, assign and transfer erest and right, including the right of	alled the assignee's Assignee; valuable unto the
	THERMALLY INDUCED PHASE SW		•	
	ne inventions and any of them therein set for and of countries foreign thereto which m			ie United
(a)	U.S. patent application inventor(s) and filed h		ve and listing the above named per	'son(s) as
(b)	X U.S. application serial	no. <u>09/659,094</u>	, filed on <u>September 11</u>	, 2000
(~)	II C. Dodoma No.			

And for the above consideration we each agree promptly upon request of the assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application whether original, continuation, continuation in part, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.

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PATENT REEL: 011224 FRAME: 0225

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		ANDREW M. HAWRYLUK
State	of California	•
	<i>a</i>	
Cour	nty of <u>Santa</u> Clara	Laura D. Rebouche, Notary  D, before, me, mdre Public personally appear  C, [V personally known to me - OR - [] proved to me on the basis
_	On October 20,200	0, before, me, mdre Public personally appear
AN	DREW M HAWRYLUI	, [v personally known to me - OR - [] proved to me on the basis
		satisfactory evidence to be the person(s) whose name(s) is/are subscribed
		the within instrument and acknowledged to me that he/she/they executed
		same in his/her/their authorized capacity(ies), and that by his/her/th
		signature(s) on the instrument the person(s), or the entity upon behalf
		which the person(s) acted, executed the instrument.
	LAURA D. REBOUCHE	NATIONING hand and effect at and
<b>/13</b>	Commission # 1245446	WITNESS my hand and official seal.
	Notary Public - California	Fred De Robert
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IN WITNESS WHEREOF, I, ANDREW M. HAWRYLUK hereunto set my hand and seal this

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Name of Person(s) or Entity(ies)

Signer(s) Other than Named Above\_\_\_\_

	T'		ALWAR hereunto set my hand and seal this 3rd day
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tate	of California		
oun	ty of <u>SAMA</u> (IAL'A		
	<i>(</i> )		MARION W. MILLARD  ne, <u>NITARY PUBLIC</u> , personally appear  sonally known to me - OR - [] proved to me on the basis
(	On OCTOBER 3.	<u>2018</u> , before m	ie, <u>Nerric</u> , personally appear
`	NOMIN TALLIAR	, [X] pers	sonally known to me - OR - [] proved to me on the basis
		the within instr	idence to be the person(s) whose name(s) is/are-subscribed ument and acknowledged to me that he/she/they executed t
			ex/their authorized capacity(ies), and that by his/her/th
			the instrument the person(s), or the entity upon behalf
			on(a) acted, executed the instrument.
_	MARION W. MILLARD	7	***************************************
9	Commission # 1219975	Ĺ	WITNESS my hand and official seal.
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Signer(s) Other than Named Above\_\_\_\_\_

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		YUN WANG	
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		MHRION W. MILLIARD  MHRION W. MILLIARD  NOTHIN POBLE, personally  , [] personally known to me - OR - [X] proved to me on satisfactory evidence to be the person(s) whose name(s) is/are so	appeared the basis of
		the within instrument and acknowledged to me that he/she/they same in his/her/their authorized capacity(ies), and that by signature(s) on the instrument the person(s), or the entity upon which the person(s) acted, executed the instrument.	executed the nis/h <del>er/thei</del> n
		Which the Deison's acteur cacculed the first different.	
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Signer(s) Other than Named Above\_

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		DA	VID A. MARKLE
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$\mathcal{L}$	AND A MARKLE	N	personally known to me - OR - [] proved to me on the ba
		satisfactory	<pre>vidence to be the person(s) whose name(s) is/are-subscrib nstrument and acknowledged to me that he/she/they execute</pre>
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		signature(A)	on the instrument the person(s), or the entity upon beh
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		mil O. Thy
		MICHAEL O. THOMPSON
State of	CALIFORNIA	
-	of <u>SAMA</u> CLARA	MARION W. MILLHAD
	On College 3 2010	before me, <u>Nothing Public</u> , personally appeared, [] personally known to me - OR - [X] proved to me on the basis
MICH	HEL O. THIMPSON	, [] personally known to me - OR - [X] proved to me on the basis satisfactory evidence to be the person(s) whose name(s) is/are subscribed
		same in his/her/their authorized capacity(ies); and that by his/her/the signature(s) on the instrument the person(s), or the entity upon behalf which the person(s) acted, executed the instrument.
Co Not	MARION W. MILLARD ommission # 1219975 ary Public - California	WITNESS my hand and official seal.
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PATENT REEL: 011224 FRAME: 0230