

EXPRESS MAIL NO. EV 727732357 US

IDS Form PTO/SB/08: Substitute for Form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small>		Application Number	10/954,182
		Filing Date	October 1, 2004
		First Named Inventor	ZHANG, Hongmei
		Art Unit	2823
		Examiner Name	ESTRADA, Michelle
		Attorney Docket Number	9140.0016-01
Sheet	1	of	2

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>AK</i>		US 2003/0141186 A1	07-31-2003	Wang et al.	
<i>AK</i>		US 2001/041460 A1	11-15-2001	Wiggins	
<i>AK</i>		US 2001/0027159 A1	10-04-2001	Kaneyoshi	
<i>AK</i>		US 6,232,242	05-15-2001	Hata et al.	
<i>AK</i>		US 6,117,279	09-12-2000	Smotanoff et al.	
<i>AK</i>		US 5,738,731 (09-00)	04-04-1998	Shindo	
<i>AK</i>		US 5,538,796	07-23-1996	Schaffer	
<i>AK</i>		US 5,309,302	03-14-1994	Hot-Vollmann	
<i>AK</i>		US 5,296,089	03-22-1994	Chen et al.	
<i>AK</i>		US 5,173,271	12-22-1992	Chen et al.	
<i>AK</i>		US 4,587,225	05-06-1986	Tsukuma et al.	
<i>AK</i>		RE 32,449	06-30-1987	Claussen	

already in 892
Filed 3/25/05

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
<i>AK</i>		EP 1 092 689 A1	04-18-2004	BPS Aizenau GmbH		
<i>AK</i>		EP 1068899 A1	01-17-2001	Nippon Sheet Glass Co., Ltd.		
<i>AK</i>		EP 0 639 655 A1	02-22-1995	Asahi Glass Co, Ltd.		
<i>AK</i>		EP 0 652 308 A2	10-13-1994	Mega Chips Corp.		
<i>AK</i>		JP 7-233469	09-05-1995	Asahi Glass Co, Ltd.		
<i>AK</i>		WO 00/21898 A1	04/20/2000	Samsung Electronics Co.		

no translation

Examiner Signature	<i>Michelle Estrada</i>	Date Considered	2/27/06
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

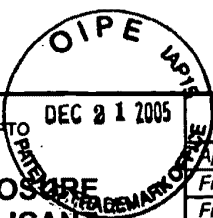
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			<i>Application Number</i>	10/954,182	
			<i>Filing Date</i>	October 1, 2004	
			<i>First Named Inventor</i>	ZHANG, Hongmei	
			<i>Art Unit</i>	2823	
			<i>Examiner Name</i>	ESTRADA, Michelle	
Sheet	2	of	2	<i>Attorney Docket Number</i>	9140.0016-01

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁹
ME		Crowder, et al., "Low-Temperature Single-Crystal Si TFT's Fabricated on Si Films Processed via Sequential Lateral Solidification," IEEE, vol. 19, no. 8 (August 1998), pages 306-308.	
ME		Greene et al., "Morphological and electrical properties of rf sputtered Y2O3-doped ZrO2 thin films," J. Vac. Sci. Technol., vol. 13, no. 1 (Jan/Feb 1976), pages 72-75.	
ME		Hwang, Man-Soo et al., "The effect of pulsed magnetron sputtering on the properties of indium tin oxide thin films," Elsevier Science B.V., P. 29-33, (2003).	
ME		Im, et al. "Controlled Super-lateral Growth of Si Films for Microstructural Manipulation and Optimization," Materials Science Program (1998), pages. 603-617.	
ME		Im, et al., "Crystalline Si Films for Integrated Active-Matrix LiquidCrystal Displays," Mrs Bulletin (March 1996), pages. 39-48.	
ME		Im, et al., "Single-crystal Si films for thin-film transistor devices," American Institute of Physics (1997), pages. 3434-3436.	
ME		Tukamoto, H. et al., "Electronic Conductivity of LiCoO ₂ and Its Enhancement by Magnesium Doping," J. Electrochem. Soc., vol. 44, no. 9, pages 3164-3168 (September 1997).	
ME		Response to Office Action filed on March 14, 2005 in U.S. Serial No. 10/291,179 (Attorney Docket No. 09140-0001-00).	
ME		Office Action issued on June 15, 2005 in U.S. Serial No. 10/291,179 (Attorney Docket No. 09140-0001-00).	
ME		Office Action issued on March 17, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
ME		Response to Office Action filed on June 17, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
ME		Office Action issued on July 8, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
ME		Office Action dated January 13, 2005, received in Application No. 10/101,863 (Attorney Docket No. 09140.0016-00).	
ME		Response to office Action filed on June 10, 2005 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140.0016-00).	
ME		Office Action issued on March 14, 2005 in U.S. Serial No. 10/789,953 (Attorney Docket No. 09140-0030-00).	
ME		Office Action issued March 24, 2005 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140.0033-00).	

Examiner Signature	<i>Michelle Estrada</i>	Date Considered	2/27/04
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EXPRESS MAIL NO. EV 758329240 US

IDS Form PTO/SB/08: Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/954,182
		Filing Date	October 1, 2004
		First Named Inventor	Hongmei ZHANG
		Art Unit	2823
		Examiner Name	ESTRADA, Michelle
Sheet	1	of	1
		Attorney Docket Number	9140.0016-01

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS						
Examiner Initials ¹	Cite No. ¹	Document Number		Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
<i>ME</i>		US 2002/0076133 A1		06-20-2002	Li et al.	
<i>ME</i>		US 5,478,456		12-26-1995	Humpal et al.	
<i>ME</i>		US 6,846,765 B2		01-25-2005	Imamura et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)					

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
<i>ME</i>		DOREY, R.A., "Low temperature micromoulding of functional ceramic devices," Grant summary for GR/S84156/01 for the UK Engineering and Physical Sciences Research Council, 2 pages (2004).	
<i>ME</i>		HOWSON, R.P., "The reactive sputtering of oxides and nitrides," <i>Pure & Appl. Chem.</i> 66(6):1311-1318 (1994).	
<i>ME</i>		Office Action issued September 21, 2005 in U.S. Application No. 11/100,856 (Attorney Docket No. 09140.0015-01).	
<i>ME</i>		Office Action issued on August 4, 2005, in U.S. Application No. 10/101,863 (Attorney Docket No. 09140.0016-00).	
<i>ME</i>		Office Action issued on August 8, 2005 in U.S. Application No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
<i>ME</i>		Office Action issued on October 3, 2005 in U.S. Application No. 10/650,461 (Attorney Docket No. 09140-0025-00).	
<i>ME</i>		Office Action issued on March 24, 2005 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140-0033-00).	
<i>ME</i>		Response to Office Action filed July 25, 2005 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140-0033-00).	
<i>ME</i>		Office Action issued on October 19, 2005 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140.0033-00).	

Examiner Signature	<i>Michelle Estrada</i>	Date Considered	2/27/06
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited	Application/Control No. 10/954,182	Applicant(s)/Patent Under Reexamination ZHANG ET AL.	
	Examiner Michelle Estrada	Art Unit 2823	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-6,673,716 B1	01-2004	D'Cousto et al.	438/656
B	US-			
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
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M	US-			

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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



PATENT
Customer No. 22,852
Attorney Docket No. 9140.0016-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
ZHANG, Hongmei et al.)	Group Art Unit: 2823
)	
Application No.: 10/954,182)	Examiner: ESTRADA, Michelle
)	
Filed: October 1, 2004)	
)	
For: BIASED PULSE DC REACTIVE)	Confirmation No.: 9873
SPUTTERING OF OXIDE FILMS)	

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE TO OFFICE ACTION

In reply to the Office Action mailed March 9, 2006, the period for response having been extended to August 9, 2006, by a request for extension of two months and authorization for the Commissioner to charge the fee to deposit account, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments follow the amendment sections on page 6 of this paper.

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