PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Xiaoping Bai	04/19/2007
Mr. Zhiming Zhuang	04/19/2007
Mr. John P Boos	04/26/2007
Mr. Bharat N Vakil	04/25/2007

RECEIVING PARTY DATA

Name:	Motorola, Inc.	
Street Address:	1303 E. Algonquin Road	
City:	Schaumburg	
State/Country:	ILLINOIS	
Postal Code:	60196	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11741877

CORRESPONDENCE DATA

(404)880-9912 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 404-797-8111

Email: pburrus@burrusiplaw.com

Philip H. Burrus, IV Correspondent Name: Address Line 1: 460 Grant Street SE Atlanta, GEORGIA 30312 Address Line 4:

ATTORNEY DOCKET NUMBER:	BPMOT0056BB (CS31594DE)	
NAME OF SUBMITTER:	Philip H. Burrus, IV	

Total Attachments: 17

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PATENT REEL: 019227 FRAME: 0001

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> PATENT REEL: 019227 FRAME: 0002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bai et al. Group Art Unit:
Application No.: Examiner:
Date Filed:
Title: Dual Sided Electrophoretic Display

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are for consideration by the United States Patent and Trademark Office. Pursuant to the Office waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003, copies of the reference are not submitted herewith.

l. 🛛	THIS II	DS IS BEING FILED UNDER 37 C.F.R. §1.97(b)-(d): (check only one box)
	a. 🛚	within three months of the filing date of a national application other than a continued prosecution
		application under § 1.53(d); within three months of the date of entry of the national stage as set
		forth in § 1.491 in an international application; before the mailing date of a first Office Action on the merits; and/or before the mailing date of a first Office Action after the filing of a request for
		continued examination under § 1.114. No fee or statement is required.
	b. 🔲	before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of
		Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the
		application. Petition fee set forth in §1.17(p) is required unless a statement under 37 C.F.R.
		§1.97(e) is provided.
	c. 🗌	on or before payment of the issue fee. Petition fee set forth in §1.17(p) and a statement under 37 C.F.R. §1.97(e) are required.
		C.F.R. 91.97(e) are required.
II. 🔲	STATE	EMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
		idersigned hereby states that
	a. 🗌	each item of information contained in the IDS was cited in a communication from a foreign Patent
	b. □	Office in a counterpart foreign application not more than three months prior to the filing of IDS; or no item of information contained in the IDS was cited in a communication from a foreign Patent
	0.	Office in a counterpart foreign application, and to knowledge of the person signing the statement
		after making reasonable inquiry, no item of information contained in the IDS was known to any
		individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this
	_	statement, or
	c. 🗌	some of the items of information contained in the IDS were cited in a communication from a
		foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart
		foreign application not more than three months prior to the filing of this IDS. As to the remaining
		information, the undersigned hereby states that no item of this remaining information contained in
		the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign
		application or, to the knowledge of the person signing the statement after making reasonable
		inquiry, no item of information contained in the IDS was known to any individual designated in 37
		C.F.R. 1.56(c) more than three months prior to the filing of this statement.

Page 1

III. <u>PAY</u>	MENT O	<u>F FEES</u>				
	A che	ck in the amount of is e	enclosed for the above-identified fee(s).			
		Please charge Deposit Account 503608 in the amount of \$ for the above-indicated fee(s).				
	Enclosed is a Fee Transmittal in duplicate.					
\boxtimes			onal fees, or if any overpayment has been made, the			
		nissioner is hereby authorized to c mittal in duplicate.	credit or debit Deposit Account 503608 . Enclosed is a Fee			
	Two	Copies of this paper are attached for	or Deposit Account charges and debits.			
constitute stat	utory pri		ne interests of candor and without any admission that the nticipates the invention or which would render the same ordinary skill in the art.			
			Respectfully submitted,			
			Bai et al.			
			Del			
			Philip H. Burrus,			
Burrus Intelle	ectual Pro	operty Law Group, LLC	Attorney for Applicant(s)			
Customer Nu	ımber 27	939	Reg. No. 45,432			
			Tel. 404-797-8111			
Enclosures:	\boxtimes	Information Disclosure Statement by Applicant				
		References				
	H	Foreign Search Report				
		Other:				

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, XIAOPING BAI, LAKE ZURICH, ILLINOIS; JOHN P. BOOS, GRAYSLAKE, ILLINOIS; BHARAT N. VAKIL, CORAL SPRINGS, FLORIDA; and ZHIMING ZHUANG, KILDEER, ILLINOIS; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in DISPLAY (Docket No. BPMOT0056BB (CS31594DE)), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be

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necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

XiaoPing Bai

STATE OF Illinois)

COUNTY OF Lake)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that XiaoPing Bai whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19 day of Upril, 200

My commission expires: ○ 7 / 3 / ○ 7

Notary Public Signature

Printed Name of Notary Public

OFFICIAL SEAL
JUNE E EDWARDS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION: EXPIRES:07/31/07

John P. Boos	DATE	<u> </u>	
STATE OF Illinois))ss		
COUNTY OF)		
certify that John P. E appeared before me	Notary Public in and for the (Boos whose name is subscrib this day in person and ackn nent as their free and volunta forth.	ped to the foregoing ir owledged that they sign	nstrument, gned, sealed and
Given under my	nand and notarial seal this _	day of	, 2007.
My commission expires:		Notary Public Signature	
		Printed Name of Notary	/ Public

Bharat N. Vakil	DAT	E:	
STATE OF Florida))ss)		
certify that Bharat N appeared before me	Notary Public in and for the . Vakil whose name is subso this day in person and ackr nent as their free and volunta t forth.	ribed to the foregoing in nowledged that they sig	nstrument, ned, sealed an
Given under my	hand and notarial seal this _	day of	, 2007.
My commission expires:		Notary Public Signature	
		Printed Name of Notary	Public

Zhiming Zhuang	DATE:	Apr.	19, 2oo	1
STATE OF Illinois				
COUNTY OF S				

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Zhiming Zhuang whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19 day of 2011, 2007

My commission expires: 07/31/07

Notary Public Signature

Printed Name of Notary Public

OFFICIAL SEAL
JUNE E EDWARDS
MY COMMISSION: EXPIRES:07/31/07

REEL: 019227 FRAME: 0009

PATENT

p.6

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, XIAOPING BAI, LAKE ZURICH, ILLINOIS; JOHN P. BOOS, GRAYSLAKE, ILLINOIS; BHARAT N. VAKIL, CORAL SPRINGS, FLORIDA; and ZHIMING ZHUANG, KILDEER, ILLINOIS; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in DUAL SIDED ELECTROPHORETIC DISPLAY (Docket No. BPMOT0056BB (CS31594DE)), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be

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necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

		DATE		
XiaoPing Ba	ai			
STATE OF	Illinois))ss		
COUNTY OF)		
certify that > appeared be	KiaoPing Bai efore me this e instrumen	ary Public in and for the to i whose name is subscrib is day in person and ackn thas their free and volunta th.	ed to the foregoing inst owledged that they sign	trument, ned, sealed and
Given ur	nder my han	d and notarial seal this _	day of	, 2007.
My commissio	n expires:		Notary Public Signature	
			Printed Name of Notary F	² ublic

John P. Boos

DATE: <u>April 26, 2007</u>

STATE OF Illinois

))ss

COUNTY OF LAKE

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that John P. Boos whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 26th day of April , 2007

My commission expires: 11 | 21 | 0 9

Notary Public Signature

MARIA J. RIDGE

Printed Name of Notary Public

OFFICIAL SEAL MARLA J RIDGE NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:11/21/09.

Apr 26 07 03:46p

Docket No. BPMOT0056BB (0	CS31594DE)		
Bharat N. Vakil		DATE:	
STATE OF Florida)		
COUNTY OF)ss)		
certify that Bharat N appeared before me delivered the instrur purposes therein se	. Vakil whose name this day in person a nent as their free an t forth.	for the County and State aforms is subscribed to the foregoing and acknowledged that they so woluntary act and deed for the sound state of the sou	g instrument, signed, sealed an the uses and
Given under my	hand and notarial se	eal this day of	, 2007.
My commission expires	:	Notary Public Signatu	ıre
		Printed Name of Nota	ary Public

		DATE:	
Zhiming Zhuang			
STATE OF Illinois))ss	·	
COUNTY OF)		
certify that Zhiming appeared before m delivered the instru purposes therein se	Zhuang whose name is e this day in person and ment as their free and vo et forth.	the County and State afore subscribed to the foregoing acknowledged that they sig pluntary act and deed for the	ined, sealed and e uses and
Given under my	hand and notarial seal t	his day of	, 2007.
My commission expires	s:	Notary Public Signature	
		Printed Name of Notary	Public

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, XIAOPING BAI, LAKE ZURICH, ILLINOIS; JOHN P. BOOS, GRAYSLAKE, ILLINOIS; BHARAT N. VAKIL, CORAL SPRINGS, FLORIDA; and ZHIMING ZHUANG, KILDEER, ILLINOIS; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in <u>DUAL SIDED ELECTROPHORETIC DISPLAY</u> (Docket No. BPMOT0056BB (CS31594DE)), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be

BPMOT0056BB (CS31594DE)

PATENT REEL: 019227 FRAME: 0015

Docket No. BPMOT0056BB (CS3	1594DE)					
necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees. We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.						
XiaoPing Bai		DATE:				
STATE OF Illinois))es)					
certify that XiaoPing Ba appeared before me thi	i whose name is sul s day in person and t as their free and v	r the County and State afor oscribed to the foregoing it acknowledged that they so oluntary act and deed for t	nstrument, igned, sealed and			
Given under my har	d and notarial seal	his day of	, 2007.			

Notary Public Signature

Printed Name of Notary Public

APR. 25. 2007 10:42AM

My commission expires:

PMOT0056BB (CS31594DE)

NO. 1846 P. 7

APR. 25. 2007 10:42AM	NO. 1846—P.
Docket No. BPMOT0056BB (CS31594DE)	
John P. Boos	— DATE:
STATE OF Illinois))ss COUNTY OF	
The undersigned Notary Public in certify that John P. Boos whose nar appeared before me this day in pers	n and for the County and State aforesaid, do hereby ne is subscribed to the foregoing instrument, son and acknowledged that they signed, sealed and e and voluntary act and deed for the uses and
Given under my hand and notari	al seal this day of, 2007.
My commission expires:	Notary Public Signature
	Printed Name of Notary Public

STATE OF Florida

) SS PLANTATION

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bharat N. Vakil whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 25th day of APRI

My commission expires NOTARY PUBLIC - STATE OF FLORIDA

S. Wiltshire Commission #DD647318 Expires: APR 16, 2011 BONDED THRU ATLANTIC BONDING CO., INC.

25. 2007 10:42AM					NO.	1846—P.	1
Docket No. BPMQT0056BB	3 (CS31594DE)						
Zhiming Zhuang			DATE:				
STATE OF Illinois))ss)						
The undersigned certify that Zhiming appeared before m delivered the instrupurposes therein se	e this day in p ment as their	se name is person and	Subscribed	to the forego	oing instru	ment,	
Given under my	hand and no	tarial seal t	his	day of		_, 2007 .	
My commission expires	:		Nota	ry Public Signat	ure		
			Printe	ed Name of Note	ary Public		

BPMOT0056BB (CS31594DE) 5

> PATENT REEL: 019227 FRAME: 0019

APR.