

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of
Antonio M. Goncalves, Ph.D.

Attorney Docket:
6056-316 CT2 (207359)

Serial No. Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

For: AUTOMATED SYSTEM FOR HIGH-
THROUGHPUT ELECTROPHORETIC
SEPARATIONS

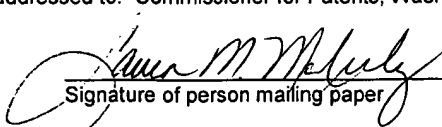
INFORMATION DISCLOSURE STATEMENT

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

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, references are identified herein and on the accompanying Form PTO-1449. Copies of the non-US patent references and non-patent references are being provided.

This Information Disclosure Statement is being filed concurrently with the above-referenced application. No certification, petition, or fee are required. 37 C.F.R. §1.97(b)(3).

<p>CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10</p> <p>EXPRESS MAIL Mailing Label Number: <u>EV 320480162 US</u> Date of Deposit: <u>May 2, 2005</u></p> <p>I hereby certify that this paper, along with any paper referred to as being attached or enclosed, and/or fee is being deposited with the United States Postal Service, "EXPRESS MAIL - POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and is addressed to: Commissioner for Patents, Washington, D.C. 20231.</p> <p> _____ Signature of person mailing paper</p> <p><u>Laura M. McNeely</u> _____ Type or print name of person</p>

U.S. Patents

3,062,731	4,414,073	5,106,477	5,582,702	5,989,400
3,674,678	4,415,418	5,147,522	5,637,202	6,027,628
3,715,295	4,693,804	5,190,629	5,637,203	6,036,831
3,751,357	4,699,680	5,228,970	5,709,788	6,093,296
3,865,712	4,735,697	5,411,657	5,736,022	6,123,821
3,984,298	4,741,814	5,441,104	5,827,418	6,193,868
4,101,401	4,874,490	5,458,760	5,858,189	6,245,206
4,111,784	4,892,639	5,464,521	5,865,974	2001/0037940
4,146,454	4,966,792	5,472,589	5,865,975	6,368,481
4,207,166	5,066,377	5,543,023	5,888,369	6,374,684
4,391,688	5,068,019	5,569,369	5,972,188	6,375,899
6,274,089	6,176,962	5,635,045	6,342,143	6,379,516
5,384,025	6,485,623	6,136,173	5,773,645	6,499,499
6,592,735	4,234,400	6,454,925	5,180,480	6,146,511
6,139,709				

Foreign Patents

EP 0134622	JP 02195249A
JP 360154150	JP 2001188061A

Other Documents

"Chemoelectronic Mobilization of Chemical Species in Low-Conductivity Fluids: New Electrokinetic Effect" by Norman Haber, Proc.Natl.Acad.Sci. USA, Vol. 79, pp. 272-276, January 1982.

"Electromolecular Propulsion (EMP): A Rapid, Simple Method for Analyzing Dyes Used in Microscopy", Norman Haber, Biotechnic & Histochemistry, Williams & Wilkins, Vol. 73, No. 2, pp. 59-69, Feb. 3, 1998.

The Examiner is respectfully requested to review the references identified herein and make them of record in the instant application as required by M.P.E.P. §609.

The references listed in this IDS comprises the most pertinent prior art known to applicant and its attorneys as of the date hereof. This IDS should not be construed as a representation that the cited references are material or that no better art exists.

It is requested that the Examiner initial the enclosed duplicate substitute PTO Form 1449, and return one copy to Applicants' undersigned representative with the next action.

Respectfully submitted,

ANTONIO M. GONCALVES, PH. D.

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Attorney for Applicant

SUBSTITUTE FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 8830-316CT2 (207359)	SERIAL NO. Not Yet Assigned
		APPLICANT: Antonio Goncalves	
		FILING DATE April 28, 2005	GROUP: Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA	6,274,089	8/2001	Chow et al.			
	AB	6,176,962	1/2001	Soane et al.			
	AC	5,635,045	6/1997	Alam			
	AD	6,342,143	1/2002	Minden			
	AE	5,384,025	1/1995	Blasband			
	AF	6,485,623	11/2002	Anderson			
	AG	6,136,173	10/2000	Anderson et al.			
	AH	5,773,645	6/1998	Hochstrasser			
	AI	6,499,499	12/2002	Dantsker et al.			
	AJ	6,592,735	7/2003	Meier et al.			
	AK	4,234,400	11/1980	Kaplan et al.			
	AL	6,454,925	9/2002	Nakanishi et al.			
	AM	5,180,480	1/1993	Manz			
	AN	6,146,511	11/2000	Slater et al.			
	AO	6,139,709	10/2000	Scott			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AP	JP 02195249A	8/1990	Japan				
	AQ	JP 2001188061A	7/2001	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
<p>EXAMINER: Initial if citation 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.</p>	

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO. 6056-316 CT2 (207359)	SERIAL NO. Not Yet Assigned
	APPLICANT: Antonio M. Goncalves, Ph.D.	
	FILING DATE Herewith	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	BA	3,062,731	11/1962	E.L. Durrum			
	BB	3,674,678	07/1972	Post, Jr. et al.			
	BC	3,715,295	02/1973	Tocci			
	BD	3,751,357	08/1973	S.D. Rains			
	BE	3,865,712	02/1975	Davies			
	BF	3,984,298	10/1976	Haber			
	BG	4,101,401	07/1978	Hoefer			
	BH	4,111,784	09/1978	Dahms			
	BI	4,146,454	03/1979	Haber			
	BJ	4,207,166	06/1980	Dahms			
	BK	4,391,688	07/1983	Hamelin			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	BL	EP 0134622	05/1984	Europe				
	BM	JP360154150	08/1985	Japan			ABSTRACT	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BN	"Chemoelectronic Mobilization of Chemical Species in Low-Conductivity Fluids: New Electrokinetic Effect," Norman Haber, Proc.Natl. Acad.Sci. USA, Vol 79, pp. 272-276, January 1982		
BO	"Electromolecular Propulsion (EMP): A Rapid, Simple Method for Analyzing Dyes Used in Microscopy," Norman Haber, BIOTECHNIC & HISTOCHEMISTRY, Williams & Wilkins, Vol. 73, No. 2, pp. 59-69, Feb. 3, 1998		
<table border="1"> <tr> <td>EXAMINER</td> <td>DATE CONSIDERED</td> </tr> </table>		EXAMINER	DATE CONSIDERED
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	CA	4,414,073	11/1983	Iwata et al.			
	CB	4,415,418	11/1983	Turre et al.			
	CC	4,693,804	09/1987	Serwer			
	CD	4,699,680	10/1987	Shiraishi et al.			
	CE	4,735,697	04/1988	Burton			
	CF	4,741,814	05/1988	Mayes et al.			
	CG	4,874,490	10/1989	Hochstrasser			
	CH	4,892,639	01/1990	Sarrine et al.			
	CI	4,966,792	10/1990	Teraï et al.			
	CJ	5,066,377	11/1991	Rosenbaum et al.			
	CK	5,068,019	11/1991	Yoshida et al.			

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	DA	5,106,477	04/1992	Coleman			
	DB	5,147,522	09/1992	Sarrine			
	DC	5,190,629	03/1993	Sugihara et al.			
	DD	5,228,970	07/1993	Foley			
	DE	5,411,657	05/1995	Leka			
	DF	5,441,104	08/1995	Ehr et al.			
	DG	5,458,760	10/1995	Kozulic			
	DH	5,464,521	11/1995	Bellon			
	DI	5,472,589	12/1995	Jacobs			
	DJ	5,543,023	08/1996	Lugojan			
	DK	5,569,369	10/1996	Leffler et al.			

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	EA	5,582,702	12/1996	Cabilly et al.			
	EB	5,637,202	06/1997	Harrington et al.			
	EC	5,637,203	06/1997	Sarrine			
	ED	5,709,788	01/1998	Chen			
	EE	5,736,022	04/1998	Axelsson			
	EF	5,827,418	10/1998	Haven et al.			
	EG	5,858,189	01/1999	Williams			
	EH	5,865,974	02/1999	Cabilly et al.			
	DI	5,865,975	02/1999	Bishop			
	EJ	5,888,369	03/1999	Tippins et al.			
	EK	5,972,188	10/1999	Rice et al.			

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	FA	5,989,400	11/1999	Islam			
	FB	6,027,628	02/2000	Yamamura et al.			
	FC	6,036,831	03/2000	Bishop			
	FD	6,093,296	07/2000	Soane et al.			
	FE	6,123,821	09/2000	Anderson et al.			
	FF	6,193,868	02/2001	Hsu			
	FG	6,245,206	06/2001	Anderson et al.			
	FH	2001/0037940	11/2001	Shih et al.			
	FI	6,368,481	04/2002	Sowa et al.			
	FJ	6,374,684	04/2002	Dority			
	FK	6,375,899	04/2002	Ackley et al.			
	FL	6,379,516	04/2002	Cabilly et al.			

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