

Doc code: IDS

PTO/SB/08a (01-10)

Doc description: Information Disclosure Statement (IDS) Field

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REPLACEMENT INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12/727,531	
	Filing Date		March 19, 2010	
	First Named Inventor		Mark T. Montgomery	
	Art Unit		2821	
	Examiner Name		Kyana Rashawn McCain	
	Attorney Docket Number		5000-0003	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

U.S.PATENT APPLICATION PUBLICATIONS						
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FOREIGN PATENT DOCUMENTS								
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NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	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.	T ⁵
		DIALLO, "Estimation Of The Diversity Performance Of Several Two-Antenna Systems In Different Propagation Environments", Antennas and Propagation Society International Symposium, 2007 IEEE, pgs. 2642-2645, 9-15 June 2007.	
		DIALLO, "Evaluation Of The Performances Of Several Four-Antenna Systems In A Reverberation Chamber", Antenna Technology: Small and Smart Antennas Metamaterials and Applications, 2007, IWAT '07, International Workshop, pgs. 166-169, 21-23 March 2007.	

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		DIALLO, "MIMO Performance Of Enhanced UMTS Four-Antenna Structures For Mobile Phones In The Presence Of The User's Head", Antennas and Propagation Society International Symposium, 2007 IEEE, pgs. 2853-2856, 9-15 June 2007.	
		DIALLO, "Reverberation Chamber Evaluation Of Multi-Antenna Handsets Having Low Mutual Coupling And High Efficiencies", Proceedings of The European Conference on Antennas and Propagation: EuCAP 2006 (ESA SP-626), Nice, France, 6-10 November 2006.	
		RANVIER, "Capacity Enhancement by Increasing Both Mutual Coupling and Efficiency: a Novel Approach", Antennas and Propagation Society International Symposium, 2007 IEEE, pgs. 3632-3635, June 9-15, 2007.	
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		WALLACE, "Mutual Coupling in MIMO Wireless Systems: A Rigorous Network Theory Analysis", Wireless Communications, IEEE Transactions, pgs. 1317-1325, Vol. 3, No. 4, July 2004.	
		WALLACE, "The Capacity of MIMO Wireless Systems with Mutual Coupling", Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall, IEEE 56 th , pgs. 696-700, Vol. 2.	
EXAMINER SIGNATURE			
Examiner Signature	/Kyana R. Robinson/	Date Considered	06/03/2013

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⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

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That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e) (1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e) (2).

See attached certification statement.

Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Ed Guntin/	Date (YYYY-MM-DD)	
Name/Print	Ed Guntin	Registration Number	41049

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.R.R