

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	12/727,531-Conf. #3450
				Filing Date	March 19, 2010
				First Named Inventor	Mark T. Montgomery
				Art Unit	2811
				Examiner Name	D. W. Owens
Sheet	1	of	3	Attorney Docket Number	SCJ-01601

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		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)				
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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	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BA	JP-2005-020206-A		01-20-2005	Kyocera Corp		<input checked="" type="checkbox"/> -abstract
	BB	TW-251957-B		03-21-2006	Hon Hai Prec Ind Co Ltd		<input checked="" type="checkbox"/> -abstract
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Examiner Signature		Date Considered	
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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. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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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.	T ²
	CA	BACH ANDERSEN, J. and HENRIK HASS RASMUSSEN, "Decoupling and Descattering Networks for Antennas," IEEE Transactions On Antennas And Propagation, November 1976.	
	CB	DIALLO, A., C. LUXEY, P. LE THUC, R. STARAJ, and G. KOSSIAVAS, "Efficient Two-Port Antenna System For GSM=DCS=UMTS Multimode Mobile Phones," ELECTRONICS LETTERS, March 29, 2007 Vol. 43 No. 7.	
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	CM	RANVIER, S., C. LUXEY, P. SUVIKUNNAS, R. STARAJ, and P. VAINIKAINEN, "Capacity Enhancement by Increasing Both Mutual Coupling and Efficiency: a Novel Approach."	
	CN	RANVIER, S., C. LUXEY, R. STARAJ, P. VAINIKAINEN, and C. ICHELN, "Mutual Coupling Reduction For Patch Antenna Array."	
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	CP	WALLACE, JON W. and MICHAEL A. JENSEN, "The Capacity of MIMO Wireless Systems with Mutual Coupling."	

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	CQ	WALLACE, JON W. and MICHAEL A. JENSEN, "Mutual Coupling in MIMO Wireless Systems: A Rigorous Network Theory Analysis."	
	CR	WALLACE, JON W. and MICHAEL A. JENSEN, "Termination-Dependent Diversity Performance of Coupled Antennas: Network Theory Analysis," IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 52, NO. 1, JANUARY 2004.	
	CS	PCT International Search Report and Written Opinion for International Application No. PCT/US2010/027932, Date of Mailing: November 17, 2010.	

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