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PTO/SB/21 (04-04)  
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	<b>11/252,248</b>
	Filing Date	<b>10/17/2005</b>
	First Named Inventor	<b>Frank M. Caimi</b>
	Art Unit	<b>2821</b>
	Examiner Name	<b>Unassigned</b>
Total Number of Pages in This Submission	Attorney Docket Number	<b>D053/069987-061</b>

<b>ENCLOSURES (Check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	<b>John L. DeAngelis, Jr., Reg. No. 30,622</b> <b>Beusse Wolter Sanks Mora &amp; Maire, P.A.</b>
Signature	
Date	<b>February 6, 2006</b>

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	<b>Pamela A. Pagel</b>
Signature	
Date	<b>02/06/2006</b>

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Frank M. Caimi, et al**

Art Unit: **2821**

Serial No.: **11/252,248**

Examiner: **Unassigned**

Filed: **10/17/2005**

Confirmation No.: **6602**

Atty. Docket No.: **D053/069987-061**

For: **Method and Apparatus for Adaptively Controlling Antenna Parameters to Enhance Efficiency and Maintain Antenna Size Compactness**

**INFORMATION DISCLOSURE STATEMENT**

- 1. Pursuant to 37 CFR 1.97(b)
- 2. Pursuant to 37 CFR 1.97(c)
- 3. Pursuant to 37 CFR 1.97(d)

February 6, 2006

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

Sir:

The following are submitted in the above identified application in compliance with 37 CFR 1.97 and 1.98:

- 5. A list of documents on form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- 6. 37 CFR 1.97(b): [within 3 months of filing or prior to 1<sup>st</sup> Office Action];
- 7. 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
  - a) The required statement made in item 9 below; or
  - b) The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is enclosed via check payable to Director of USPTO.

8. 37 CFR § 1.95(d): [after the period specified in 37 C.F.R. 1.97(c) but on or before issue fee payment]; and

a) The required statement made in item 9 below; or

b) The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is enclosed via check payable to Director of USPTO.

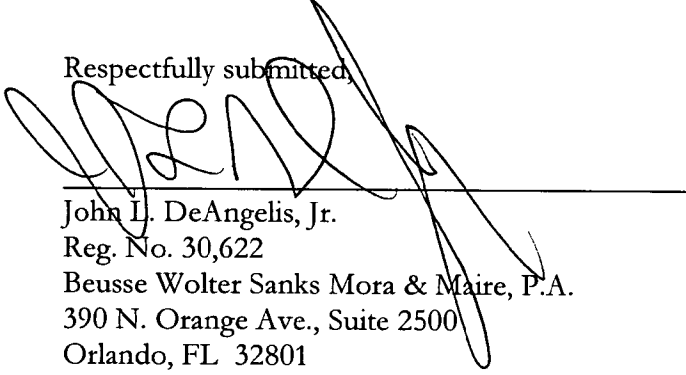
9. Statement

a) Each item of information contained in this Information Disclosure Statement 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 Statement; or

b) No item of information contained in this 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 this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

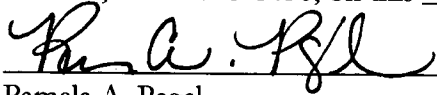
10. Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. \_\_\_\_\_.

Respectfully submitted,

  
\_\_\_\_\_  
John L. DeAngelis, Jr.  
Reg. No. 30,622  
Beusse Wolter Sanks Mora & Maire, P.A.  
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CERTIFICATE OF MAILING

I HEREBY CERTIFY that this Information Disclosure Statement is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 6 day of February, 2006.

  
\_\_\_\_\_  
Pamela A. Pagel



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Substitute for form PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

## Complete if Known

Application Number	11/252,248
Filing Date	10/17/2005
First Named Inventor	Frank M. Caimi
Art Unit	2821
Examiner Name	Unassigned
Attorney Docket Number	D053/069987-061

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	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 <sup>2</sup> (if known)			
	1	US- 5,155,493	10-13-1992	Thursby, et al	
	2	US- 5,874,919	02-23-1999	Rawnick, et al	
	3	US- 6,028,564	02-22-2000	Duan, et al	
	4	US- 6,097,347	08-01-2000	Duan, et al	
	5	US- 6,535,175	03-18-2003	Brady, et al	
	6	US- 6,650,295	11-18-1003	Ollikainen, et al	
	7	US- 6,903,687	06-07-2005	Fink, et al	
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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	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 <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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