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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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

Art Unit: **2821**

Serial No.: **11/421,878**

Examiner: **Unassigned**

Filed: **06/02/2006**

Confirmation No.: **3257**

Attorney Docket No.: **D053A/069987-074**

For: **Methods and Apparatuses 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)

October 7, 2006

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 1st 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.

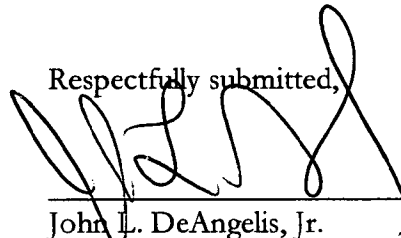
9. Statement

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. _____.

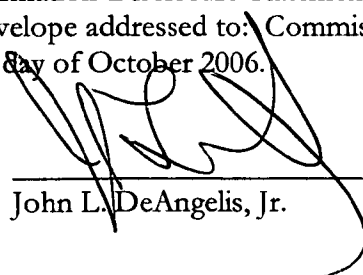
Respectfully submitted,



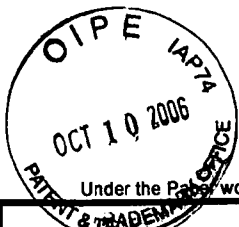
John L. DeAngelis, Jr.
Reg. No. 30,622
Beusse Wolter Sanks Mora & Maire, P.A.
390 N. Orange Ave., Suite 2500
Orlando, FL 32801
(407) 926-7710

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: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 7th day of October 2006.



John L. DeAngelis, Jr.



PTO/SB/08A (05-03)

Approved for use through 07/31/2006. OMB 0651-0031

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| Substitute for form 1449B/PTO | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | Application Number | 11/421,878 |
| | | | Filing Date | 06/02/2006 |
| | | | First Named Inventor | Frank M. Caimi |
| | | | Group Art Unit | 2821 |
| | | | Examiner Name | Not Yet Assigned |
| | | | Attorney Docket Number | D053A/069987-074 |
| Sheet | 1 | of | 3 | |

| U.S. PATENT DOCUMENTS | | | | | |
|--------------------------------|-----------------------|------------------------------------------|--------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|
| Examiner Initials ¹ | 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 Signature | | | Date Considered | | |

¹EXAMINER: 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.

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| 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 |
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| | 29 | US-5,155,493 | 10-13-1992 | Thursby et al. | |
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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 |
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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

^{*}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.

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| | | | | Attorney Docket Number | D053A/069987-074 |
| Sheet | 3 | of | 3 | | |

| OTHER PRIOR ART – NONPATENT 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 |
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| Examiner Signature | | Date Considered | |

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