EXHIBIT A

jc511 U.S. PTO
09/049910
03/30/98

ISSUE CLASSIFICATION
7/3 | 1
Class | Subclass
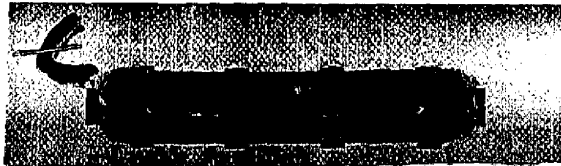
PATENT NUMBER
6199157

6199157

U.S. UTILITY PATENT APPLICATION

O.I.P.E.	PATENT DATE
SCANNED Sm Q.A. RG	MAR 0 6 2001

SECTOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
	36⁴/395 713	605 1	2-726 2787	Omar Kacou

FILED WITH: ☐ DISK (CRF) ☐ FICHE
(Attached in pocket on right inside flap)

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)	
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)
7/3	1	7/2	15

INTERNATIONAL CLASSIFICATION
G 06 F 9 / 455

☐ Continued on Issue Slip Inside File Jacket

☐ TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	11	11	1	26	1

☐ a) The term of this patent subsequent to _____ (date) has been disclaimed.

OMAR A. OMAR 9/20/00
(Assistant Examiner)   (Date)

NOTICE OF ALLOWANCE MAILED

9-22-00

☐ b) The term of this patent shall not extend beyond the expiration date of U.S Patent. No. ___

THOMAS C. LEE
SUPERVISORY PATENT EXAMINER
GROUP 2700

9/21/w
(Primary Examiner)   (Date)

ISSUE FEE

Amount Due	Date Paid
1210.00	12 19 00

☐ c) The terminal ___ months of this patent have been disclaimed.

9/00
(Legal Instruments Examiner)   (Date)

ISSUE BATCH NUMBER
SSS

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 10/97)

ISSUE FEE IN FILE

Formal Drawings (___shts) set

(LABEL AREA)

(FACE)

SYSTEM, METHOD AND MEDIUM FOR MANAGING MACHINE CONFIGURATION INFORMATION

Inventors:
Dan B. Bar Dov
Oded Ben Hayim
Roy Lauer
Amotz Maimon
Michael Palatnik

BACKGROUND OF THE INVENTION

I. FIELD OF THE INVENTION

The present invention relates to a system, method and medium for configuring an item such as a machine, where the item can have a multitude of optional components. With reference to embodiments envisioning configuring a machine, the present invention allows a user to choose from various "options" (representative of machine components) so that the necessary aspects (e.g., software) for operating the desired machine can be implemented. In the course of choosing options, the present invention can guide the user to determine which additional options (and thus which other corresponding machine components) may, e.g., also be required to properly configure the machine in view of those options specifically chosen by the user. It is envisioned that properties of these options are determined by a user prior to choosing the options for configuring the machine.

II. RELATED ART

Software is increasingly found in various types of electrical and electro-mechanical devices. For example, over the past few years, devices such as

ATTORNEY DOCKET NO. 2139/PDC/JB
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)) BAR DOV, et al.)) Serial No.: To Be Assigned)) Filed: Concurrently Herewith)) For: SYSTEM, METHOD AND MEDIUM) FOR MANAGING MACHINE) CONFIGURATION INFORMATION)	Group Art Unit: Unknown Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner
    for Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office

is hereby directed to the reference listed on the attached PTO-1449. A copy of the

listed reference is attached. It is respectfully requested that the information be

expressly considered during prosecution of this application, and that the reference be

made of record therein and appear among the "References Cited" on any patent to

issue therefrom.

This IDS should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Applicant reserves the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as references and/or to prove that some of these documents may not be prior art and/or to prove that some of these documents may not be enabling for the teachings they purport to offer.

Respectfully submitted,

HALE AND DORR LLP

Date: 3/30/98   By: _Scott alter_

Scott M. Alter
Registration No. 32,879

1455 Pennsylvania Avenue, N.W.
Suite 1000
Washington, D.C. 20004
(202) 942-8428/Telephone
(202) 942-8484/Facsimile

FORM PTO-1449	Attorney Docket		Serial Number	
	1239/PDC/JB		To Be Assigned	
	Applicant			
INFORMATION DISCLOSURE STATEMENT	BAR DOV, et al.			
	Filing Date		Group	
	Concurrently Herewith		To Be Assigned	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA	, ,	/ /				
	AB	, ,	/ /				
	AC	, ,	/ /				
	AD	, ,	/ /				
	AE	, ,	/ /				
	AF	, ,	/ /				
	AG	, ,	/ /				
	AH	, ,	/ /				
	AI	, ,	/ /				
	AJ	, ,	/ /				
	AK	, ,	/ /				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	AL	, ,	/ /				Yes No
	AM	, ,	/ /				Yes No
	AN	, ,	/ /				Yes No
	AO	, ,	/ /				Yes No
	AP	, ,	/ /				Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

OO	AR	Applied Materials, Inc., *Centura(TM) HDP Dielectric Etch*, Operations Manual, December 1995	
	AS		
	AT		

Examiner	Date Considered
C9	12/17/99

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.

FBPMC 00000088

	Application No.	Applicant(s)		
Office Action Summary	09/049,910	Bar Dov		
	Examiner		Group Art Unit	
	Omar Omar		2787	

☒ Responsive to communication(s) filed on _Mar 30, 1998_

☐ This action is FINAL.

☐ Since this application is in condition for allowance except for formal matters,   prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire _____ 3 ___ month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

☒ Claim(s) _1-26_ _____ is/are pending in the applicat

Of the above, claim(s) _____ is/are withdrawn from consideration

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) _1-26_ _____ is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

    ☐ All ☐ Some* ☒ None of the CERTIFIED copies of the priority documents have been

        ☐ received.

        ☐ received in Application No. (Series Code/Serial Number) _____ .

        ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    *Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____ 4 ___

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

Serial Number: 09/049,910   Page 2

Art Unit: 2787

DETAILED ACTION

1.   This application has been reviewed. Original claims 1-26 are pending. The rejection cited

as stated below:

Claim Rejections - 35 USC § 103

2   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness

rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

3.   Claims 1-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lynch et al.

U.S.Patent No. 6,002,854 in view of Duff et al. U.S.Patent No. 5,644,487.

As per claims 1, 3, 6, 7, 18, and 22, Lynch et al. teaches a computer-implemented method

for configuring an item, wherein item comprises two or more optional components, comprising

(see col.8 lines 17-41) the steps of: (1) creating two or more options, wherein two or more

options correspond to two or more optional components (see col.7 lines 3-8 and col.8 lines 42-

48); (3) creating, from two or more options, a hierarchical option tree (see col.9 line 61 through

col.10 line 3, and col.10 lines 40-51) ; (4) selecting one or more options from option tree (see

col.10 lines 22-38 and col.12 lines 11-27); and (5) implementing, responsive to step (4), at least

one attribute corresponding to one or more selected options (see col. 10 lines 39-50); associating

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an option constraint with a first option of two or more options, wherein option constraint implements a relation between first option and a second option (see col.27 lines 30-41).

Lynch et al. does not teach associating attributes with each of two or more options, wherein attributes relate to characteristics of two or more components.

However, Duff et al. teaches the use of such limitation (see col.2 line 58 through col.3 line 4 and col.4 lines 27-46).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to employ Duff's teachings within the system of Lynch, because as Duff stated in his Fig.4, if the "fill operation" 38 is currently active, the "heat operation" step 39 will become active, and the "fill operation" step 38 will become inactive. When the transition condition 50 associated with the transition 42 below step "fill operation" 38 evaluate to a true result. In this way, the chart evolves from step to step.

As per claims 2, 4, 8, 9, 14-16 and 23-26, Lynch et al. teaches the computer-implemented method, wherein step (2) comprises the step of associating a designated option of two or more options with an option class, wherein option class contains inheritable attributes, and wherein at least some attributes of designated option are thereby inherited from option class (see col.10 line 65 through col.11 line 26 and col.15 lines 37-65). The computer-implemented method, wherein step (2) comprises the step of associating a designated option of two or more options with an option class (see col.10 line 65 through col.11 line 26), wherein said option class contains

Serial Number: 09/049,910   Page 4

Art Unit: 2787

inheritable constraints, and wherein at least some constraints of said designated option are thereby

inherited from said option class (see col.11 line 29 through col.12 line 9), (col. 16 line 66 - col. 17 line 5).

As per claims 5, 10, 11, 17, 20 and 26, Lynch et al. teaches the computer-implemented

method, wherein the relation between first option and second option is chosen from one of the

following group: a) first option deselects second option; b) first option requires second option; C)

first option forces second option (see col.24 lines 14-29). The computer-implemented method,

wherein the properties of all options chosen using configuration selector are stored together in a

database, for use in operating the machine (see col.9 line 55 through col.10 line 31).

As per claims 12, 13, 19, and 21 Lynch et al. teaches a system for configuring an item,

wherein item comprises two or more optional components, comprising: two or more options,

wherein two or more options corresponding to two or more optional components (see col.8 lines

17-41); wherein each of two or more options contains attributes relating to two or more optional

components (see col.10 lines 4-51 and col.15 lines 37-65); an option tree, wherein two or more

options are associated within a hierarchy (see col.10 lines 22-38); a configuration selector, for

allowing the selection of one or more options from option tree (see col.3 lines 20-32); and a

configuration generator, responsive to configuration selector, for implementing at least one

attribute corresponding to one or more selected options (see col.3 lines 7-19).The system, further

comprising an editor for creating attributes and for associating attributes with two or more

options (see col.23 line 63 through col.24 line 54).

Conclusion

4.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a) Duff et al. U.S.Patent No. 5,644,487. Oct.19, 1993. Monitoring and control system and method.

b) Hinsberg, III et al. U.S.Patent No. 5,826,065. Jan.13, 1997. Software architecture for stochastic simulation of non-homogeneous systems.

c) Landis et al. U.S.Patent No. 5,588,148. Sep. 6, 1994. Method for managing data transfer between computing devices.

d) Gaddis U.S.Patent No. 5,956,337. Nov.22, 1995. ATM switch interface.

e) Gorin et al. U.S.Patent No. 5,020,059. Mar.31, 1989. Reconfigurable signal processor.

f) Curtis et al. U.S.Patent No. 5,774,689. Sep.22, 1995. Network configuration management system for digital communication networks.

g) Branson U.S.Patent No. 5,877,819. Apr.21, 1998. Managing information in an endoscopy system.

h) Lynch et al. U.S.Patent NO. 6,002,854. Mar. 10, 1997. Method and apparatus for configuring systems.

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Omar A. Omar whose telephone number is (703) 305-3869. The examiner can normally be reached Monday through Friday from 9:30 AM to 6:00 PM.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Joseph Palys, can be reached at (703) 305-9685. The fax phone number for this Group is (703)

306-5404.

6.   Any inquiry of a general nature or relating to the status of this application should be

directed to the group receptionist whose telephone number is (703) 305-3900.

Examiner

Omar A. Omar

Art Unit 2787

Jan. 13, 2000

JOSEPH E. PALYS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2700

	Application No. 09/049,910	Applicant(s) Bar Dov
	Examiner Omar Omar	Group Art Unit 2787	Page 1 of 1

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	6,002,854	Dec.14,99	Lynch et al.	395	500.01
B	5,644,487	Jul.1, 97	Duff et al.	364	140
C	5,826,065	Oct.20,98	Hinsberg, III et al.	395	500
D	5,588,148	Dec.24,96	Landis et al.	395	601
E	5,956,337	Sep.21,99	Gaddis	370	395
F	5,020,059	May 28,91	Gorin et al.	371	11.3
G	5,774,689	Jun.30,98	Curtis et al.	395	500
H	5,877,819	Mar.2, 99	Branson	348	701
I					
J					
K					
L					
M					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U		
V		
W		
X		

FBPMC 00000095

PATENT
Attorney Docket No. 2139/PDC/LE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:)
)
BAR DOV et al.) Group Art Unit: 2787
)
Serial No.: 09/049,910) Examiner: Omar, C
)
Filed: 30 March 1998)
)
For: SYSTEM, METHOD AND MEDIUM)
       FOR MANAGING MACHINE)
       CONFIGURATION INFORMATION)

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Examiner's Office Action mailed January 18, 2000, the following

amendments and remarks are respectfully submitted. No extension of time or other fees are

believed to be due except as may be indicated in the attached papers; however, any additional fee

necessary for consideration of this paper is hereby authorized to be charged to Deposit Account

Number 08-0219.

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A computer-implemented method for configuring an item, wherein said item

comprises two or more optional components, comprising the steps of:

(1) creating two or more options, wherein said two or more options correspond to said two or more optional components;

(2) associating attributes with each of said two or more options, wherein said attributes relate to characteristics of said two or more components;

(3) creating, from said two or more options, a hierarchical option tree;

(4) selecting one or more options from said option tree; [and]

(5) implementing, responsive to said step (4), at least one attribute corresponding to said one or more selected options, and placing said at least one attribute into an instance creation file; and

(6) accessing and utilizing said instance creation file during the operation of said item.

6.   (Amended) A computer-implemented method for configuring [a machine] an item, wherein said item comprises two or more optional machine components, comprising the steps of:

(1) creating two or more options, wherein said two or more options correspond to said two or more optional machine components;

(2) associating attributes with each of said two or more options, wherein said attributes relate to characteristics of said two or more machine components;

(3) creating, from said two or more options, a hierarchical option tree; [and]

35 - 2

(4) associating an option constraint with a first option of said two or more options,

wherein said option constraint implements a relation between said first option and a second

option,

wherein said relation is based upon a relationship between those of said optional

machine components corresponding to said first option and said second option;

(5) selecting one or more options from said option tree;

(6) implementing, responsive to said step (5), at least one attribute corresponding to said

one or more selected options, and placing said at least one attribute into an instance creation file;

and

(7) accessing and utilizing said instance creation file during the operation of said item.

12. (Amended) A system for configuring an item, wherein said item comprises two or more

optional components, comprising:

two or more options, wherein said two or more options corresponding to said two or more

optional components;

wherein each of said two or more options contains attributes relating to said two

or more optional components;

an option tree, wherein said two or more options are associated within a hierarchy;

3

a configuration selector, for allowing the selection of one or more options from said option tree; and

a configuration generator, responsive to said configuration selector, for implementing at least one attribute corresponding to said one or more selected options, and placing said at least one attribute into an instance creation file,

wherein said item accesses and utilizes said instance creation file during the operation of said item.

18.   (Amended) A system for configuring a machine, wherein said machine comprises two or more optional components, comprising:

two or more options, wherein said two or more options corresponding to said two or more optional machine components;

wherein each of said two or more options contains attributes for affecting said two or more optional machine components;

an option tree, wherein said two or more options are associated within a hierarchy; and

an option constraint, associated with a first option of said two or more options, wherein said option constraint implements a relation between said first option and a second option,

wherein said relation is based upon a relationship between those of said optional machine components corresponding to said first option and said second option;

37 [4]

A

an option selector, wherein said option selector selects one or more options from said option tree; and

an implementor, wherein said implementor implements at least one attribute corresponding to said one or more selected options, and wherein said implementor places said at least one attribute into an instance creation file,

wherein said machine accesses and utilizes said instance creation file during the operation of said machine.

22.   (Amended) A computer-readable medium for configuring an item, wherein said item comprises two or more optional components, by performing the steps of:

(1) creating two or more options, wherein said two or more options correspond to said two or more optional components;

(2) associating attributes with each of said two or more options, wherein said attributes relate to characteristics of said two or more components;

(3) creating, from said two or more options, a hierarchical option tree;

(4) selecting one or more options from said option tree; [and]

(5) implementing, responsive to said step (4), at least one attribute corresponding to said one or more selected options, and placing said at least one attribute into an instance creation file; and

(6) accessing and utilizing said instance creation file during the operation of said item.

REMARKS

This amendment is responsive to the Office Action of January 18, 2000. Claims 1-26 remain pending in the application.

Beginning on page 2 of the Office Action, the Examiner rejected claims 1-26 under 35 U.S.C. § 103(a) as being unpatentable over *Lynch et al.* (U.S. Patent No. 6,002,854) in view of *Duff et al.* (U.S. Patent No. 5,644,487). This rejection is respectfully traversed on the ground that the independent claims of the application, as amended, are neither taught nor suggested by the combination of these references.

Specifically, independent claims1, as amended, recites the feature of "placing said at least one attribute into an instance creation file; and [] accessing and utilizing said instance creation file during the operation of said item." While *Lynch*, e.g., "provides the ability to configure a system using the functional, structural hierarchical model" (see col. 7, lines 16-17), it does not disclose creating and utilizing such a file during operation as recited in the claim. *Duff et al.* also does not disclose this feature.

Independent claims 6, 12, 18 and 22 each recite the same or similar feature to that of claim 1, and the remaining pending claims depend from the aforementioned independent claims. Consequently, reconsideration of claims 1-26 is respectfully requested.

It is respectfully requested that the Examiner reconsider all pending objections and rejections, and that he withdraw them. Allowance of claims 1-26 and passage of this application to issue is earnestly solicited. Applicant respectfully asserts that this application is now in condition for allowance.

6

The Examiner is invited to call the undersigned at the telephone number indicated below if such a call would facilitate the prosecution of this application in any way.

Respectfully submitted,

Scott M. Alter
Registration No. 32,879

Date: 7/14/00

Hale and Dorr LLP
1455 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
(202) 942-8428/Telephone
(202) 942-8484/Facsimile

7

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/049,910	03/30/98	DOV B	2139/PDC/JB

LM21/0922

EXAMINER
OMAR, O

ART UNIT	PAPER NUMBER
2787	

JOSEPH BACH
APPLIED MATERIALS
PO BOX 450A
SANTA CLARA CA 95052

DATE MAILED: 09/22/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Notice of Allowability	Application No. 09/049,910	Applicant(s) Bar Dov	
	Examiner Omar Omar	Group Art Unit 2787	

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

[X] This communication is responsive to   *amendment filed on July 14, 2000*

[X] The allowed claim(s) is/are *1-26*

[ ] The drawings filed on _____ are acceptable.

[ ] Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

    [ ] All [ ] Some* [ ] None   of the CERTIFIED copies of the priority documents have been

        [ ] received.

        [ ] received in Application No. (Series Code/Serial Number) _____ .

        [ ] received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    *Certified copies not received: _____

[ ] Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

[ ] Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

[X] Applicant MUST submit NEW FORMAL DRAWINGS

    [ ] because the originally filed drawings were declared by applicant to be informal.

    [X] including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. ___5___ .

    [ ] including changes required by the proposed drawing correction filed on _____ , which has been approved by the examiner.

    [ ] including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal lettter addressed to the Official Draftsperson.

[ ] Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

    [ ] Notice of References Cited, PTO-892

    [ ] Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

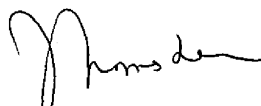   [ ] Notice of Draftsperson's Patent Drawing Review, PTO-948

    [ ] Notice of Informal Patent Application, PTO-152

    [ ] Interview Summary, PTO-413

    [ ] Examiner's Amendment/Comment

    [ ] Examiner's Comment Regarding Requirement for Deposit of Biological Material

    [ ] Examiner's Statement of Reasons for Allowance

THOMAS C. LEE
SUPERVISORY PATENT EXAMINER
GROUP 2700