

MAD 10.23.98

11-02-1998

Docket No.: 11722 (YO998-399)

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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P08A/REV02



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

100868768

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Markus Ettl
Grace Yuh-Jiun Lin

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Address: New Orchard Road

City: Armonk State/Prov.: NY

Country: USA ZIP: 11530

Additional name(s) & address(es) Yes No

J6135 U.S. PTO
09/17/98
10/23/98

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 10/21/98 & 10/22/98

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 10/20/98 & 10/21/98

Patent Application No. Filing date

B. Patent No.(s)

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. Catania

Registration No. 32,608

Address: SCULLY, SCOTT, MURPHY & PRESSER

400 Garden City Plaza

City: Garden City State/Prov.: NY

Country: USA ZIP: 11530

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

50-0510/IBM

0917766

500510

0/30/1998 JMT/CLM-0000003-500510

40.00 CH

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard L. Catania

October 23, 1998

Name of Person Signing

Signature

Date

3

Total number of pages including cover sheet, attachments, and

PATENT

REEL: 9543 FRAME: 0987

(JOINT FORM)
(MORE THAN TWO)

Assignment

Whereas, we

Inventor
and City

(1) Markus Ettl
County of Westchester

of Ossining
and State of New York

and (2) Grace Yuh-Jiun Lin
County of Westchester

of Chappaqua
and State of New York

have invented certain improvements in

TITLE METHOD FOR ESTIMATING STOCK LEVELS IN PRODUCTION-DISTRIBUTION
NETWORKS WITH INVENTORY CONTROL

and executed, respectively, a United States patent application therefor on
DATES THAT (1) *October 21*, 1998, and (2) *October 22*, 1998.
INVENTORS
SIGNED THE
DECLARATION

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York,
having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to
acquire the entire right, title and interest in the said application and invention, and to any
United States and foreign patents to be obtained therefor;

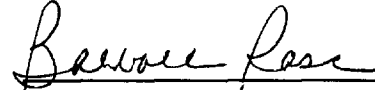
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the
above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire
right, title and interest in the said application and invention therein disclosed for the United
States and foreign countries, and all rights of priority resulting from the filing of said United
States application, and we request the Commissioner of Patents to issue any Letters Patent
granted upon the inventions set forth in said application to IBM, its successors and assigns;
and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will
execute all papers necessary in connection with the United States and foreign applications when
called upon to do so by IBM.

Signed and sealed
CITY (1) at *Yorktown Hgts, N.Y.* *Markus Ettl* SIGNATURE
DATE on *October 21*, 1998, (Markus Ettl) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY (2) at *Yorktown Hgts, N.Y.* *Grace Yuh-Jiun Lin* SIGNATURE
DATE on *October 22*, 1998, (Grace Yuh-Jiun Lin) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

State of) SS.:
New York County of Westchester,

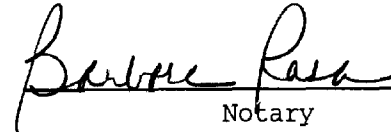
On this 21st day of October 1998, before me personally came
INVENTOR Marrkus Ettl to me personally known, and known to me to be the
(1) person described in and who executed the foregoing assignment, and he
acknowledged to me that he executed the same as his free act and deed.



BARBARA RASA
Notary Public, State of New York
No 4973785
In Westchester & Dutchess Counties
Commission Expires October 29, 2000

State of) SS.:
New York County of Westchester,

On this 22nd day of October 1998, before me personally came
INVENTOR Grace Yuh-Jiun Lin to me personally known, and known to me to be the
(2) person described in and who executed the foregoing assignment, and he
acknowledged to me that he executed the same as his free act and deed.


Notary

BARBARA RASA
Notary Public, State of New York
No 4973785
In Westchester & Dutchess Counties
Commission Expires October 29, 2000