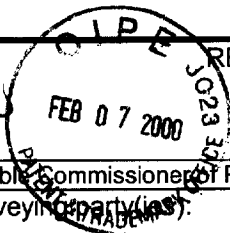


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To the Honorable Commissioner of Patents and Trademarks

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Name: United States Air Force

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State: Ohio Zip: 45433-7109

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

08/898,989

B. Patent No.(s):

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

Name: Fredric L. Sinder

Internal Address: AFMC LO/JAZ

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1

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Name of person signing

Signature

Signature

January 31, 2000

Total number of pages including cover sheet, attachments, and document:

2

CONFIRMATORY INSTRUMENT

NAME OF CONTRACTOR
Environmental Research Institute
of Michigan (ERIM)

CONTRACT NO.
F33615-96-C-5511

ADDRESS OF CONTRACTOR
PO Box 134001
Ann Arbor, MI 48113-4001

TITLE OF INVENTION
Computerized System for Market Based Constraint Optimization

NAME OF INVENTOR
Dr. H. VanDyke Parunak

SERIAL NO.
08/898,989

FILING DATE
23 July 1997

The invention identified above is a "Subject Invention" under
Patent Rights Clause
Patent Rights-Retention By Contractor (Long Form) JUN 1989
(identify clause by title and date)

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TITLE

Director of Customer Relations

DATE OF EXECUTION

January 05, 2000

ATTEST

