

CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America



FORM TX
UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER

TXu 956-883



TXu000756883

EFFECTIVE DATE OF REGISTRATION

JUN 23 2000
Month Day Year

DO NOT WRITE ABOVE THIS LINE

TITLE OF THIS WORK ▼

1

Optimizing the 2001 Mars Mission Trajectory

PREVIOUS OR ALTERNATIVE TITLES ▼

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared Title of Collective Work ▼

If published in a periodical or serial give Volume ▼ Number ▼ Issue Date ▼ On Pages ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

2

a William Howard Clark II

1956

Was this contribution to the work a "work made for hire"? ☐ Yes ☒ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country: USA

OR Citizen of: Domiciled in:

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK ☐ Yes ☐ No

Anonymous? ☐ Yes ☐ No Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "yes" see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed ▼

describes computer based method of finding the best mars mission profile

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

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YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED This information must be given in all cases.
2000

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK
Complete this information ONLY if this work has been published.
Month Day Year

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2 ▼

William Howard Clark II
21203 Paseo de Vaca
Lago Vista TX 78645

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

APPLICATION RECEIVED

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

REMITTANCE NUMBER AND DATE

FUNDS RECEIVED JUN 23 2000

MORE ON BACK Complete all applicable spaces (numbers 5-11) on the reverse side of this form

*Method not copyrightable.
17 USC 102(b)

EXAMINED BY *dh*

FORM TX

CHECKED BY

☐ CORRESPONDENCE
Yes

FOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

a. ☐ This is the first published edition of a work previously registered in unpublished form

b. ☐ This is the first application submitted by this author as copyright claimant

c. ☐ This is a changed version of the work, as shown by space 6 on this application

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work, complete only 6b for a compilation

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates ▼

b. Material Added to This Work Give a brief general statement of the material that has been added to this work and in which copyright is claimed ▼

—space deleted—

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols), or (2) phonorecords embodying a fixation of a reading of that work, or (3) both

a. ☒ Copies and Phonorecords

b. ☐ Copies Only

c. ☐ Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account

CORRESPONDENCE Give name and address to which correspondence about this application should be sent Name/Address/Apt./City/State/Zip ▼

William Howard Clark II

21203 Paseo de Vaca

Lago Vista TX 78645

Area Code & Telephone Number ▼ 512-267-4455

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ►

☒ author

☐ other copyright claimant

☐ owner of exclusive right(s)

☐ authorized agent of

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge

Name of author or other copyright claimant or owner of exclusive right(s) ▼

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date

William Howard Clark

date ► 6-5-00



Handwritten signature (X) ▼

William Howard Clark II

MAIL
CERTIFICATE TO

Certificate
will be
mailed in
window
envelope

NAME ▼	William H. Clark II
Number Street Apartment Number ▼	21203 Paseo de Vaca
City State Zip ▼	Lago Vista TX 78645

• Complete all necessary spaces
• Sign your application in space 10

1. Application form
2. Nonrefundable \$20 filing fee
in check or money order
payable to Registrar of Copyrights
3. Deposit material
Registrar of Copyrights
Library of Congress
Washington, D.C. 20550

* 17 USC § 506(e) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409 or in any written statement filed in connection with the application shall be fined not more than \$2,500

September 1991-100,000

U.S. GOVERNMENT PRINTING OFFICE: 1991-282-170-40 D06

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REGISTER OF COPYRIGHTS
United States of America

FORM TX
UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER

TXu 862-508



EFFECTIVE DATE OF REGISTRATION

JUL 08 1998

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS WORK ▼

THREE BODY PROBLEM APPLIED TO THE HOHMANN INTERPLANETARY TRANSFER

PREVIOUS OR ALTERNATIVE TITLES ▼

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

NAME OF AUTHOR ▼

William H. Clark II

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

1956

Was this contribution to the work a "work made for hire"?
☐ Yes
☒ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

USA

OR Citizen of ▼

Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No

Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

FORTRAN COMPUTER CODE FOR THE HOHMANN TRANSFER ORBITAL TRAJECTORY

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

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☐ Yes
☐ No

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YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

1998

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published.

Month ▼ Day ▼ Year ▼

Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

William H. Clark II
21203 Paseo de Vaca
Lago Vista TX 78645

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APPLICATION RECEIVED

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JUL 08 1998

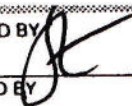
TWO DEPOSITS RECEIVED

REMITTANCE NUMBER AND DATE

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EXAMINED BY 

FORM TX

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Year of Registration ▼

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—space deleted—

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Name ▼ Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

William H. Clark II
21203 Paseo de Vaca
Lago Vista TX 78645
Area Code Telephone Number 512-267-4455

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ▶

☒ author☐ other copyright claimant☐ owner of exclusive right(s)☐ authorized agent of

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

William H. Clark II

date ▶

7/5/98

Handwritten signature (X) ▼

William H. Clark II

MAIL
CERTIFI-
CATE TOCertificate
will be
mailed in
window
envelope

Name ▼	William H. Clark II
Number Street/Apartment Number ▼	21203 Paseo de Vaca
City/State/ZIP ▼	Lago Vista TX 78645

YOU MUST

- Complete all necessary spaces
 - Sign your application in space 10
- SEND ALL 3 ELEMENTS IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO
Register of Copyrights
Library of Congress
Washington, D.C. 20559

* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.