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Commissioner of Patents and Trademarks  
Washington, D.C. 20231

*08/05/02*

Attention: Assignment Division

Please record the attached original documents or copy thereof.

- (1) **Conveying Party(ies):** Harry F. Schramm
- (2) **Receiving Party(ies):** National Aeronautics and Space Administration  
Washington, D.C. 20546
- (3) **Nature of Conveyance:** Assignment  
Execution Date: July 29, 2002
- (4) **Application Number:** NASA Case No.: MFS-31768-1  
**Application Title:** Magnetic Symbology Reader

This document is being filed together with a new patent application for letters patent. The execution date of the application is: July 29, 2002

- (5) **Name and address of party to whom correspondence concerning document should be mailed:**

National Aeronautics and Space Administration  
Attn: LS01/James J. McGroary  
Marshall Space Flight Center, AL 35812

- (6) **Total number of applications involved:** 1(One)
- (7) **Total fee (37 CFR 3.41):** \$40.00. Authorized to be charged to deposit account.
- (8) **Deposit account number:** 14-0116

- (9) 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. This cover sheet consists of one page.

Respectfully,

*[Signature]*  
James J. McGroary  
Registration No. 38,960

*8/5/02*  
(Date)

Enclosure(s): NASA FORM 430  
ADDITIONAL COPY OF THIS FORM

RECEIVED

AUG 13 2002

LICENSING & REVIEW

08/15/2002 DBYRNE 00000090 140116 10214482  
01 FC:581 40.00 CH Express Mail ET346302354US

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date of signature below.

Date: 8/5/02 Signature: Lisa R. Hughes



National Aeronautics and Space Administration

CERTIFICATE OF MAILING

Patent Application

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Date: 8/5/02 Signature: Lisa R. Hughes

Assignment to the Government (by Government Employee)

Express Mail ET346302354US

Title of Invention: Magnetic Symbolgy Reader

Inventor(s): Harry F. Schramm

NASA Case No.: MFS-31768-1 Application No.\*: Filing Date\*:

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

\*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

Signature of Inventor: Harry F. Schramm Date Assignment Executed: 7/29/02 Date Application Executed:

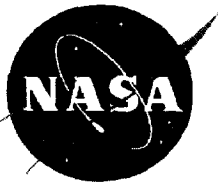
Inventor's Typed Name: Harry F. Schramm Mailing Address - Including Country: 630 Shadowbrook Road, Winchester, TN 37398 USA

(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

(Inventor's Typed Name) (Mailing Address - Including Country)

(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

(Inventor's Typed Name) (Mailing Address - Including Country)



National Aeronautics and  
Space Administration

Patent Application  
NASA Case No. MFS-31768-1

## ASSIGNMENT and AGREEMENT

Title of Invention: Magnetic Symbology Reader

Inventor(s): William C.L. Shih, Gerald L. Fitzpatrick, and Craig Knisely

NASA Case No.: MFS-31768-1

Application No.\*: \_\_\_\_\_

Application Filing Date\*: \_\_\_\_\_

WHEREAS, the parties to this Assignment and Agreement are the undersigned Inventor(s), and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration, Washington, D.C. 20546;

WHEREAS, the undersigned Inventor(s) has (have) executed, in the date indicated below, an application for a United States Patent on the above-entitled Invention; and

WHEREAS, the Government is desirous of acquiring the entire right, title and interest in the above-entitled Invention and the executed application.

NOW THEREFORE, in consideration of the payment of royalties, pursuant to NASA Policy Directive, NPD 2092.1, Royalties and Other Payments Received by NASA from the Licensing of Patents and Patent Applications, that may result from licensing the above-entitled Invention, the undersigned hereby:

1. Assigns to the Government my (our) full right in and to said Invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agrees to grant to the Government the option to acquire foreign rights.


Assignment individual inventor to NASA July 1998

Page 1 of 3  
31768 Assignment.doc

**PATENT**  
**REEL: 013189 FRAME: 0106**

3. Agrees, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

\*4. Authorizes and requests the attorneys of record in the application to insert the application number and filing date above when required.

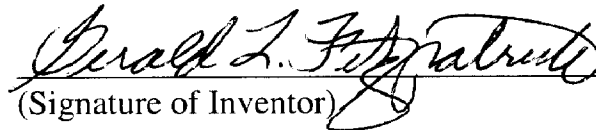
 6/26/02  
(Signature of Inventor) Date Date Application Executed

William C.L. Shih

(Inventor's Typed Name)

2668 Via Olivera, Palos Verdes Estates, CA 90274 USA

(Post Office Address - Including Country)

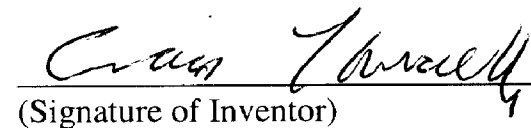
 6/26/02  
(Signature of Inventor) Date Date Application Executed

Gerald L. Fitzpatrick

(Inventor's Typed Name)

19226 SE 46th Place, Issaquah, WA 98027 USA

(Post Office Address - Including Country)

 6-26-02  
(Signature of Inventor) Date Date Application Executed

Craig Knisely

(Inventor's Typed Name)

3208 NE 185th, Seattle, WA 98155 USA

(Post Office Address - Including Country)

State of WA ) SS:

County of King)

Assignment individual inventor to NASA July 1998

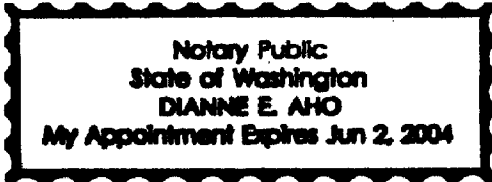
Page 2 of 3  
31768 Assignment.doc

**PATENT**  
**REEL: 013189 FRAME: 0107**

Sworn to and subscribed before me this 26 day of June, 2002.

My Commission Expires 6/2/2004

[Signature]  
Notary Public  
Dianne E Aho



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I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date of signature below.

Date: 8/5/02 Signature: Lisa R. Hughes

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