Stylesheet Version: 1.1.0

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

APPLICATION NUMBER 10/063423

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Drayer, Thomas Hudson

Execution Date: 04/18/2002

RECEIVING PARTY DATA

Name: The Government of the United States, as represented by the Director, National Security

Agency

Street Address: 9800 Savage Road, STE 6542

Internal Address:

General Counsel (IP&T)

City: Fort Meade
State: MARYLAND

Country:

Postal Code: 20755-6542

The USPTO, Office of Public Records, will send correspondence

via facsimile to FAX NUMBER: 301-688-0076

CORRESPONDENCE DATA:

Correspondence will be sent via US Mail when a fax number

has not been provided or the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 027973

NAME OF PERSON SIGNING: Stephen M. Bloor

DATE SIGNED: 04/22/2002

Total Attachments: 1

source="assf.tif"

PATENT REEL: 012617 FRAME: 0114

800002088

Application Number:

Filing Date:

First Named Inventor: DRAYER, Thomas Hudson

Attorney Docket Number: DRAYER-1

ASSIGNMENT OF APPLICATION

Title of Invention:

Method of Image Binarization Using Histogram Modeling

Inventor:

Thomas Hudson Drayer

I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-identified invention was made hereby:

1. Assign to

The Government of the United States, as represented by the Director, National Security Agency,

the entire right, title, and interest throughout the world in and to the above-entitled invention and application for patent and all Letters Patents issuing thereon, and any continuation, continuation-in-part, or division of said application and any reissue or extension of said Letters Patents.

2. Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of the interferences and recording of title to patent applications and patents.

INVENTOR:

Thomas Hudson Drayer

ADDRESS:

Laurel, Maryland in Prince George's County Maryland

DATE:

18-April 2002

SIGNATURE:

Thomas A. Hayer

Executed this 18th day of April 2002 at Fort Meade, Maryland in Anne Arundel County.

State of

MARYLAND

County of ANNE ARUNDEL

On 18 April 2002 (date), known to me to be the individual described herein and who executed the foregoing instrument personally appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

(Signature - Notary Public

M. ETHELYN WIGHTMAN NOTARY PUBLIC STATE OF MARYLAND My Commission Expires July 29, 2002

H:\PATAPPS.dir\DRAYER-1.dir\dray1assign1.doc

RECORDED: 04/22/2002

PATENT REEL: 012617 FRAME: 0115