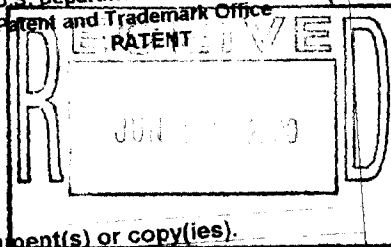


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Conveying Party(ies)

Name (line 1) SWORD, Charles K.

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Execution Date
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Name (line 1) United States Department of Energy

Name (line 2)

Address (line 1) GC-62, MS 6F-067 (FORSTU)

Address (line 2) 1000 Independence Avenue, S.W.

Address (line 3) Washington

City

D.C.

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20585-0162

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Area Code and Telephone Number

202-586-2810

Name Betty Winchester

Address (line 1) United States Department of Energy

Address (line 2) GC-62, MS 6F-067 (FORSTL)

Address (line 3) 1000 Independence Avenue, S.W.

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09/099337

Patent Number(s)

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Patent Cooperation Treaty (PCT)

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Deposit Account

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01-2752

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Betty Winchester

Name of Person Signing

Signature

Date

09/099 337

AP94-088
DOE Case S-84,472

U.S. DEPARTMENT OF ENERGY
PATENT ASSIGNMENT

WHEREAS, I Charles K. Sword, citizen of the United States residing in Pleasant Hills,
County of Allegheny, State of Pennsylvania,
have invented certain new and useful improvements in "Free Motion Scanning System", for which I am about to file an
application for United States Letters Patent identified as S-84,472 and; executed by me on
May 7, 1998; and;

WHEREAS, the Government of the United States desires to acquire the entire right, title and interest in and to the said
invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to me
in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby
acknowledged, I by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by
the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and
to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the
same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which Letters
Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me had
this assignment not been made.

I agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of
Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in
such usual or other forms, with terms and contents as may be required by the United States Department of Energy, or its duly
authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the
issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that
said applications may encounter or in which they may become involved, and I agree that I will aid the Government of the United
States in every way in protecting the invention as may be requested by the United States Department of Energy, except that any
expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United
States.

WITNESS:

David B. Stahl
(Signature of Witness)

INVENTOR:

Charles K. Sword Charles K. Sword (SEAL)
(Signature of Inventor)

Date May 17, 2000

Approved and consented to this 25th day of May, 2000

ATTEST:

Paul J. Hines
(SEAL)

Byron H. Ruth
(Signature of Corporate Officer)

By Byron H. Ruth, Bechtel Bettis, Inc.

Its President
(Title of Corporate Officer)

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:
Katherine Baldwin

By P. C. G. Smith
Assistant General Counsel for Technology
Transfer and Intellectual Property