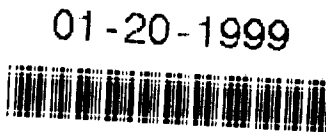


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To the Honorable Commissioner of Patents and Trademarks Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

THOMAS DAVID HAYOSH

2. Name and address of receiving party(ies):

Name: UNISYS CORPORATION

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Street Address TOWNSHIP LINE AND UNIONMEETING ROADSCity: BLUE BELLState: PAZIP: 19424Execution Date: January 5, 1999Additional name(s) & address(es) attached? ☐ yes ☒ no

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 Jan. 5, 1999

A. Patent Application No. (s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: ALFRED W. KOZAKInternal Address: MS 1000Street Address: 10850 VIA FRONTERACity: SAN DIEGOState: CAZIP: 921276. Total number of applications and patents involved: 17. Total Fee (37 3.41): .....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit Account Number: 19-3790

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*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.*ALFRED W. KOZAK

Name of Person Signing

Alfred W. Kozak

Signature

1/6/99

Date

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Total number of pages comprising cover sheet 3

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Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231PATENT  
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ASSIGNMENT

WHEREAS, I [we], Thomas David Hayosh, residing at 2508 Aspen Lane, Bloomfield Hills, Michigan 48302; am [are] inventor(s) of the inventions of the patent application for United States patent entitled "Self-Authentication of Value Documents Using Encoded Indices";

WHEREAS, Unisys Corporation, a corporation of the state of Delaware having a place of business at Township Line and Union Meeting Roads, Blue Bell, Pennsylvania 19424, is desirous of acquiring the entire right, title and interest in said inventions, said application and in any patents which may be granted thereon;

NOW THEREFORE, for valuable consideration, the receipt of which is hereby acknowledged, I [we] hereby assign, sell and transfer unto said Unisys Corporation, its successors and assigns (hereinafter "Assignee"), my [our] entire right, title and interest in and to all inventions disclosed in said application, in and to said application and in and to any patents for the United States of America, its territories and possessions and all foreign countries resulting from said inventions and said patent application, including all divisions, continuations, reissues and extensions thereof, all rights to claim priority based thereon, all rights to file foreign applications on said inventions, and all patents, reissues and extensions thereof, issuing for said invention in the United States of America and in any and all foreign countries.

I [we] hereby grant to Assignee the right to apply in its own name for patents corresponding to the above inventions in countries foreign to the United States, and all priority rights resulting from the above-identified United States patent application. I [we] hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all patents that may be granted for said inventions to Assignee, and I [we] agree that I [we] and my [our] successors, assigns or legal representatives thereof, shall be legally bound without additional compensation (except for any statutory fee applicable to witnesses), but without cost to me [us], to promptly communicate to Assignee or its representatives, all facts known to me [us] or in my [our] possession respecting said inventions whenever requested to testify in any legal proceedings, to sign all lawful papers, execute all divisional, continuing and reissue applications, to make all rightful oaths and to generally aid my [our] said Assignee, its successors and assigns, as and when requested by them, in obtaining in the name of the Assignee and in enforcing proper patent protection for said inventions on behalf of the Assignee, in the United States and all countries foreign thereto.

I [we] hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which conflicts, or would be in conflict, with this Assignment.

The parties hereto acknowledge that they have specifically requested the present agreement to be drawn up in the English language.

Inventor

Thomas David Havosh

(Typed Name)

Thomas D. Havosh  
(Signature)1/5/99  
(Date)

STATE OF MICHIGAN

COUNTY OF WayneOn 1-5-99 before me ~~Thomas D. Havosh~~ Mary Lou Pover  
Date Name, Title of Officerpersonally appeared Thomas D. Havosh  
Name(s) of Signer(s)

and proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the persons(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Mary Lou Pover  
Signature of Notary

MARY LOU POVER  
Notary Public, Wayne County, MI  
My Comm. Exp. Expires Sept. 13, 2001