

12-07-1998



FORM TOS 1596  
1-31-92

DOCKET NO.: 113335.201

100916076  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

Leslie D. OWENS, Mark S. PLECITY, Alvah B. DAVIS, David T. KISWANI and I-Hsiang YU

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: October 12, 1998, October 27, 1998, October 28, 1998, October 21, 1998, October 23, 1998

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

Name: Iridium LLC

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

Street Address: 1575 Eye Street, NW

City: Washington State/Country: DC ZIP: 20005

Additional name(s) & address(es) attached?  Yes  No

jc:516 U.S. PTO  
09/198440  
11/24/98

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: November 24, 1998

A. Patent Application No(s).

B. Patent No(s).

09/198440

Additional numbers attached?  Yes  No

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

Name: PEPPER HAMILTON LLP

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

Street Address: 1300 Nineteenth Street, N.W.

City: Washington State: DC ZIP: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

50-0436

DO NOT USE THIS SPACE

9. Statement and signature.

*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.*

Suresh Koshy, Reg. No. 42,761  
Name and Registration No. of Person Signing

Signature

November 24, 1998  
Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

DC: #91865 v1 (1YVT011.WPD)

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12/02/1998 JWHIKINS 0000  
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PATENT  
REEL: 9615 FRAME: 0512

# ASSIGNMENT

WHEREAS WE, Leslie D. Owens of Vienna, Virginia, Mark S. Plecity of Oakton, Virginia, Alvah B. Davis of McLean, Virginia, David T. Kiswani of Germantown, Maryland, and I-Hsiang Yu of Falls Church, Virginia have made a certain new and useful invention as set forth in a non-provisional application for United States Letters Patent, entitled METHOD AND SYSTEM FOR VALIDATING SUBSCRIBER IDENTITIES IN A COMMUNICATIONS NETWORK,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_;

AND WHEREAS, Iridium LLC (hereinafter "Assignee"), having an address of 1575 Eye Street, N.W., Washington, DC 20005, U.S.A., is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged. We do hereby sell, assign, transfer and set over unto said Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned non-provisional application, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

The undersigned hereby grant(s) the firm of PEPPER HAMILTON LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

10/12/98  
Date

Leslie D. Owens  
Leslie D. Owens

10/27/98  
Date

Mark S. Plecity  
Mark S. Plecity

10/28/98  
Date

Alvah B. Davis  
Alvah B. Davis

10/21/98  
Date

David T. Kiswani  
David T. Kiswani

10/23/98  
Date

I-Hsiang Yu  
I-Hsiang Yu

Charles County  
DISTRICT OF COLUMBIA

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) SS:  
)

On this 12<sup>th</sup> day of Oct., 1998, before me personally appeared Leslie D. Owens, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Barbara H. Meshel

Notary Public

My commission expires 12/01/00

SEAL

Charles County  
DISTRICT OF COLUMBIA

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) SS:  
)

On this 2<sup>nd</sup> day of Nov, 1998, before me personally appeared Mark S. Plecity, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Barbara H. Meshel

Notary Public

My commission expires 12/01/00

SEAL

Charles County  
DISTRICT OF COLUMBIA

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) SS:  
)

On this 2<sup>nd</sup> day of Nov, 1998, before me personally appeared Alvah B. Davis, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Barbara H. Meshel

Notary Public

My commission expires 12/01/00

SEAL

Charles County  
DISTRICT OF COLUMBIA

)  
) SS:  
)

On this 2ND day of Nov, 1998, before me personally appeared David T. Kiswani, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Barbara H. Marshall  
Notary Public

My commission expires 10/01/00

SEAL

Charles County  
DISTRICT OF COLUMBIA

)  
) SS:  
)

On this 2ND day of Nov, 1998, before me personally appeared I-Hsiang Yu, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Barbara H. Marshall  
Notary Public

My commission expires 10/01/00

SEAL