

62-91-8 CWA

OFFICE
AUG 16 1999

FORM PTO-1595

08-23-1999

U.S. DEPARTMENT OF COMMERCE
SHEET Patent and Trademark Office

To the Assistant Commissioner 101124157 of the original document(s) or copy(ies) thereof.

1. Name of conveying party(ies): Yair Frankel and Marcel M. Yung Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party(ies): Name: CertCo, Inc. Internal Address: 22 nd Floor Street Address: 55 Broad Street City: New York State: NY Zip: 10004 Country: USA Additional name(s) & address(es) attached? () Yes (X) No
3. Nature of conveyance: (X) Assignment () Merger () Security Agreement () Change of Name () Other Execution Date: July 20, 1999	

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:

A. Patent Application No.(s) 09/315979	B. Patent No.(s)
--	-------------------------

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Steptoe & Johnson LLP Internal Address: Attn: Stuart T.F. Huang Street Address: 1330 Connecticut Avenue, 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 (X) Enclosed () Authorized to be charged to deposit account 8. Deposit account number: 19-4293 (Attach duplicate copy of this page if paying by deposit account)
--	---

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.*

Stuart T.F. Huang		August 16, 1999
Name of Person Signing	Signature	Date

Total number of pages including cover sheet: 4

PATENT
REEL: 010173 FRAME: 0653

ASSIGNMENT OF APPLICATION AND PATENT

WHEREAS, we, Yair Frankel residing at 122 Harrison Avenue, Westfield, NJ 07090 and Marcel M. Yung residing at 605 W. 112th Street, New York, NY 10025, hereinafter referred to as applicants, have invented a certain new and useful ROBUST EFFICIENT DISTRIBUTED RSA-KEY GENERATION,

☒ for which we have made application for Letters Patent of the United States as fully set forth and described in the specification filed in the United States Patent and Trademark Office on May 21, 1999 and assigned Serial Number 09/315,979,

☐ for which an application for Letters Patent of the United States was executed on (ENTER EXECUTION DATE, IF APPROPRIATE)

and;

WHEREAS, CERTCO, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having a place of business at 55 Broad Street, 22nd Floor, New York, NY 10004, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents which may be granted therefor in the United States;

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, to us in hand paid, the receipt of which is hereby acknowledged, we, said applicants, have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said assignee, the entire right, title, and interest in and to said invention; and any and all improvements disclosed in the aforesaid application for patent, as fully set forth and described therein; and all divisional, continuing, substitute, renewal, reissue,

and all other applications for patents derived from the aforesaid application which have been or shall be filed in the United States; and any and all United States patents to be issued therefor in the United States; and all corresponding foreign counterpart applications derived from the aforesaid United States patent application and related applications as prepared for and filed in any and all foreign countries; and all foreign patents issued therefor, said entire right, title, and interest in and to said invention being the same for said assignee's own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND WE, for ourselves, our heirs, assigns, successors, and legal representatives hereby covenant to and with said assignee, its assigns, successors, and legal representatives, that we have full right to sell and assign the entire right, title, and interest in and to said invention and any and all patents to be had therefor and that the entire right, title and interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever;

AND WE ALSO, for ourselves, our heirs, assigns, successors, and legal representatives hereby further covenant to and with said assignee, its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign application derived from the aforesaid application, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith;

AND WE do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said United States Letters Patents to said assignee, as the assignee of our entire right, title, and interest therein.

In Testimony Whereof, we each have hereunto set our hand and seal on the day and month of 1999 as indicated below.

[Signature]
Yair Frankel

Date: 7-20-99

Acknowledgment

State of New York

County of New York

On this 20 day of July, 19 99, before me, a Notary Public, personally appeared Yair Frankel, personally known to me or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

SOPHIA PETSAS
NOTARY PUBLIC, STATE OF NEW YORK
No. 41-4968006
Qualified in Queens County
Commission Expires June 11, 19
August 26, 2000

[Signature]
Notary Public in and for Said State

[Signature]

Marcel M. Yung

Date: 7-20-99

Acknowledgment

State of New York

County of New York

On this 20 day of July, 19 99, before me, a Notary Public, personally appeared Marcel M. Yung, personally known to me or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public in and for Said State