

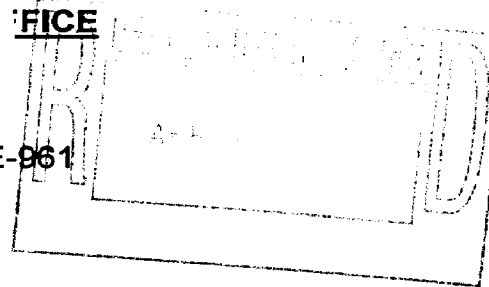
05-04-2000

IN THE UNITED STATES



101344654

FILE



4-5-00

In re patent application of

Leon A. Pintsov, et al.

Serial No.: 09/390,362

Filed: September 7, 1999

Title: HYBRID SIGNATURE SCHEME

) Attorney Docket No.: E-961

) Date: March 31, 2000

)

RECORDATION OF ASSIGNMENT - PATENT APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies) in the records of the
U.S. Patent and Trademark Office.

1. Name of conveying party: Leon A. Pintsov Frederick W. Ryan, Jr. Ari P. Singer	2. Name of receiving party: Pitney Bowes Inc. One Elmcroft Road Stamford, CT 06926-0700
3. Nature of Conveyance: Assignment Execution Date: February 24 and 28, 2000	
4. Property Conveyed: Patent Application Serial Number: 09/390,362 Filed: September 7, 1999.	
5. Name and address of party to whom correspondence concerning this document should be mailed: Charles R. Malandra, Jr. Pitney Bowes Inc. 35 Waterview Drive P.O. Box 3000 Shelton, CT 06484-8000	6. Total Number of Applications: 1 7. Total Recordal Fee: \$40.00 8. Charge the \$40.00 Fee to Deposit Account No. 16-1885.
9. Statement and Signature	

To the best of my knowledge and belief, the foregoing information is true and correct
and an attached copy is a true copy of the original document.

Charles R. Malandra, Jr.

Total number of pages including this cover sheet: 4

March 31, 2000

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ASSIGNMENT

WHEREAS, we, Leon A. Pintsov, Frederick W. Ryan, Jr. and Ari P. Singer have invented certain new and useful improvements in a **HYBRID SIGNATURE SCHEME** identified as File Number **E-961** in the Intellectual Property and Technology Law Department files of the hereinafter-mentioned assignee, and for which an application for United States Patent has been filed on September 7, 1999 under serial number 09/390,362;

AND WHEREAS, Pitney Bowes Inc., a corporation organized and existing under the laws of the State of Delaware and having its place of business at 1 Elmcroft Road, Stamford, Connecticut, U.S.A., is desirous of acquiring certain rights thereunder.

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and hereby sell, assign and transfer unto said corporation the entire right, title and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof, and all the rights under the International Convention for the Protection of Industrial Property including the right to claim for any foreign patent application the priority date of the corresponding U.S. patent application) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, substitute, reissue or other patent application based in whole or in part thereon, or based upon said invention;

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms of which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States application or any of them, or upon said invention or any part thereof, to said corporation;

AND we hereby agree for ourselves and for our heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuing, renewal, substitute, reissue, or other applications for patents of any country, that may be deemed necessary by said corporation fully to secure to said corporation, its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

State of Connecticut)
) ss. Shelton
County of Fairfield)

On this 24th day of February, 2000, personally appeared before me the above-named Frederick W. Ryan, Jr. to me known and known by me to be the person described in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.



NOTARY PUBLIC

DENISE A. HARTS
NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 2003

State of Connecticut)
) ss. Shelton
County of Fairfield)

On this 24th day of February, 2000, personally appeared before me the above-named Ari P. Singer to me known and known by me to be the person described in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.



NOTARY PUBLIC

DENISE A. HARTS
NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 2003