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Jc583 U.S. PTO  
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In re patent application of )  
Frederick W. Ryan, Jr. ) Attorney Docket No.: E-973  
Serial No.: ) Date: December 28, 1999  
Filed: Concurrently herewith )

Title: POSTAGE METER HAVING DELAYED GENERATION OF CRYPTOGRAPHIC  
SECURITY PARAMETERS

**RECORDATION OF ASSIGNMENT - NEW PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

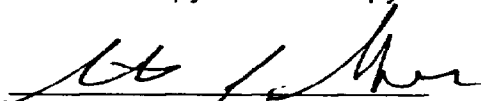
Please record the attached original document(s) or copy(ies) in the records of the U.S. Patent  
and Trademark Office.

1. Name of conveying party:  Frederick W. Ryan, Jr.	2. Name of receiving party:  Pitney Bowes Inc. World Headquarters One Elmcroft Road Stamford, CT 06926-0700
3. Nature of Conveyance: Assignment Execution Date: December 28, 1999	
4. Property Conveyed: This document is being filed together with a new patent application. The execution date of the application is December 28, 1999.	
5. Name and address of party to whom correspondence concerning this document should be mailed:  Steven J. Shapiro 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.

09/474910

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.

  
Steven J. Shapiro

December 28, 1999

Total number of pages including this cover sheet: 3

01/14/2000 DNGUYEN 00000204 161885 09/474910 40.00 CH 01 FC:581

PATENT  
REEL: 010484 FRAME: 0511

## ASSIGNMENT

WHEREAS, I, Frederick W. Ryan, Jr. have invented certain new and useful improvements in a **POSTAGE METER HAVING DELAYED GENERATION OF CRYPTOGRAPHIC SECURITY PARAMETERS** identified as File Number E-973 in the Intellectual Property and Technology Law Department files of the hereinafter-mentioned assignee, and have executed an application for United States Patent based thereon on the 28<sup>th</sup> day of December, 1999;

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, I 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 me had no sale and assignment of said interest been made;

AND I 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 I hereby agree for myself and for my 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;

