01/26/99 TUE 11:11 FAX 93/ 445 6354 FORM PTO-1595 7/3/0/ RE (Rev. 6-93) OMB No. 0831-0011 (sup. 4/94)	Patent and Trademark Office
Tab settings ⇒ ⇒ ⇒ ▼ 1018084 To the Honorable Commissioner of Patents and Trademarks: ⊬1	140
1. Name of conveying party(ies): John Fredrick Crooks Additional name(s) of conveying party(ies) attached? D Yes No	Name: NCR Corporation Nemai Address: Law Department No. 100
3. Nature of conveyance: Assignment Security Agreement Change of Name	Street Address: 1700 S. Fatterson Blvd. WHQ-5E City: Dayton State: OH ZIP: 45479-
Execution Date:	Additional name(s) & address(ee) siteched? Yes No
A. Patent Application No.(s)	Docket No. 9426 In; the execution date of the application is: July 30. 2001 B. Patent No.(s) OGG18748
Additional numbers attached? U Yes No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Paul W. Martin	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: Law Department, WHQ-5E	Authorized to be charged to deposit account
Street Address: 1700 S. Patterson Blvd.	8. Deposit account number: 14-0225
City: Dayton State: OH ZIP: 45479-	(Attach duplicate copy of this page if paying by deposit account)
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 the original document. July 31, 2001	
Paul W. Martin	Signature Signature A part sheet attachments and Book TES:

REEL: 012049 FRAME: 0458

ASSIGNMENT OF UNITED STATES PATENT APPLICATION

WHEREAS, I, John Fredrick Crooks of Chamblee, Georgia, have invented certain new and useful improvements in Methods and Apparatus for Replacing an Electronic Shelf Label Battery, Docket No. 9426, for which I have executed an application for Letters Patent of the United States on July 30 , 2001; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business in Dayton, Ohio, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and any and all foreign countries;

NOW, THEREFORE, be it known that in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto said NCR Corporation, its successors and assigns, the entire right, title and interest in and to the invention and improvements in any form or embodiment thereof, disclosed and claimed in said application, or which are disclosed and may be claimed; also the entire right, title and interest in and to any Letters Patent to be granted in the United States and its territorial possessions and in any and all foreign countries upon said invention in any form or upon any such improvements thereon, and in and to any and all divisions, reissues, continuations and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent on said application to the said NCR Corporation, of Maryland, its successors and assigns.

Further, I agree that I will communicate to said NCR Corporation, or its representatives, any facts known to me respecting said invention, and testify in any legal proceeding,

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sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to NCR Corporation, make all rightful oaths and generally to do everything possible to aid said NCR Corporation, its successors and assigns, to obtain and enforce protection for said invention in the United States and in any and all foreign countries.

Signed at Doleth, Geograp, this 30th day of _ 2001.

ian S. Rambler July 30, 2001

Notary Public, Gwinnett County, Georgia
My Commission Expires November 14, 2002

RECORDED: 07/31/2001

PATENT **REEL: 012049 FRAME: 0460**