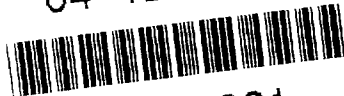


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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): Michael L. Reed Kevin D. Virgil

2. Name and address of receiving party(ies) Name: NCR Corporation Internal Address:

03/29/02

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

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other

Street Address: 1700 South Patterson Blvd.

City: Dayton State: OH Zip: 45479

Execution Date: 3/28/02

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

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: 3/28/02

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John D. Cowart

Internal Address: NCR Corporation

Law Department

Street Address: 1700 South Patterson Blvd.

City: Dayton State: OH Zip: 45479

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

Enclosed Authorized to be charged to deposit account

8. Deposit account number:

501673

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9. Signature.

Hans R. Mahr Name of Person Signing

Hans R Mahr Signature

3/29/02 Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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04/11/2002 6TON11 0000227 501673 10112419 01 FC:581 40.00 CH

PATENT REEL: 012770 FRAME: 0172

ASSIGNMENT OF UNITED STATES PATENT APPLICATION


WHEREAS, I/we, MICHAEL L. REED, of San Diego, CA, and KEVIN D. VIRGIL, of Oceanside, CA, have invented certain new and useful improvements in MOVABLE OBJECTS IN A DATABASE, Docket No. 10224, for which I/we have executed an application for Letters Patent of the United States on same date herewith, respectively; 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/we 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/we 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/we agree that I/we will communicate to said NCR Corporation, or its representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, 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 said 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of March, 2002.


Michael L. Reed

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of
March, 2002.

Kevin D. Virgil
Kevin D. Virgil