

Docket No.: EN999017

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
CMB No. 0651-0011 (exp. 4/94)  
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04-16-1999

/ER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



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

## 1. Name of conveying party(ies):

Anil C. Bhatt  
Thomas R. Miller  
Allen F. Moring  
James P. Walsh

## 2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address: \_\_\_\_\_

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Street Address: New Orchard RoadCity: ArmonkState: NYZIP: 10504Execution Date: April 7, 1999Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: April 7, 1999

A. Patent Application No.(s)

09/288,052

B. Patent No.(s)

EN999017

Additional numbers attached? ☐ Yes ☒ No

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

Name: Lawrence R. Fraley

Internal Address: \_\_\_\_\_

04/16/1999 JSHWBAZZ 00000047 090457 0928805201 FC:58140.00 CHStreet Address: IBM Corporation, N50/040-41701 North StreetCity: EndicottState: NYZIP: 13760

## 6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

09-0457

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## 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.

Lawrence R. Fraley

Name of Person Signing

Signature

3

Date

Total number of pages including cover sheet, attachments, and document:

PATENT

REEL: 9882 FRAME: 0311

HRD 4/7/99

U.S. PTO  
09/288052  
04/07/99

IBM Docket No.:  
EN999017

## ASSIGNMENT

**Whereas, we**

Inventor and City	(1) Anil C. Bhatt County of Broome	City of Johnson City and State of New York
and	(2) Thomas R. Miller County of Broome	City of Endwell and State of New York
and	(3) Allen F. Moring County of Broome	City of Vestal and State of New York
and	(4) James P. Walsh County of Vandling	City of Lackawanna and State of Pennsylvania
and	(5) County of	City of and State of
and	(6) County of	City of and State of
and	(7) County of	City of and State of
and	(8) County of	City of and State of

**have invented certain improvements in**

Title **METHOD OF MAKING AN ORGANIC CHIP CARRIER PACKAGE**

Dates That  
Inventors  
Signed the  
Declaration **and have executed, respectively, a United States patent application therefor on**

(1) 4/7/99	and, (2) 4/7/99	and,
(3) 4/7/99	and, (4) 4/7/99	and,
(5)	and, (6)	and,
(7)	and, (8)	

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(Signatures of Inventors on Page 2)

**PATENT**  
**REEL: 9882 FRAME: 0312**

IBM Docket No.:  
EN999017

# ASSIGNMENT (Continued)

Title            **METHOD OF MAKING AN ORGANIC CHIP CARRIER PACKAGE**

City            (1) Signed at    Endicott, New York  
Date            on    April 7, 1999

Anilkumar C. Bhatt  
(Signature of Inventor)

Anilkumar C. Bhatt  
(Typed Name of Inventor)

City            (2) Signed at    Endicott, New York  
Date            on    April 7, 1999

Thomas R. Miller  
(Signature of Inventor)

Thomas R. Miller  
(Typed Name of Inventor)

City            (3) Signed at    Endicott, New York  
Date            on    April 7, 1999

Allen F. Moring  
(Signature of Inventor)

Allen F. Moring  
(Typed Name of Inventor)

City            (4) Signed at    Endicott, New York  
Date            on    April 7, 1999

James P. Walsh  
(Signature of Inventor)

James P. Walsh  
(Typed Name of Inventor)

City            (5) Signed at  
Date            on    \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

\_\_\_\_\_  
(Typed Name of Inventor)

City            (6) Signed at  
Date            on    \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

\_\_\_\_\_  
(Typed Name of Inventor)

City            (7) Signed at  
Date            on    \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

\_\_\_\_\_  
(Typed Name of Inventor)

City            (8) Signed at  
Date            on    \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

\_\_\_\_\_  
(Typed Name of Inventor)