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PETER ALFRED GRUBER AND CHON CHEONG LEI
2. Name and address of receiving party(ies):
**INTERNATIONAL BUSINESS MACHINES CORPORATION
OLD ORCHARD ROAD
ARMONK, NY 10504**
3. Nature of conveyance:
XXXXX Assignment _____ Merger
_____ Security Agreement _____ Change of Name
_____ Other: _____
Execution Date: **JULY 23, 2001**
4. Application number(s) or application date(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Application No. B. Application Date
09/912,845 JULY 25, 2001
5. Name and address of party to whom correspondence concerning this document should be mailed:
**Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682 U.S.A.**
6. Total No. of applications and patents involved: 1.
7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.
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Paul D. Greeley
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Paul D. Greeley
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JCE79 U.S. PTO
09/912845
10/26/01

JOINT ASSIGNMENT

The ASSIGNORS, **PETER ALFRED GRUBER**
5D Kings Court
Mohegan Lake, New York 10547

CHON CHEONG LEI
1 Chestnut Ridge Road
Poughkeepsie, New York 12603

⁶ CCL

have invented certain new and useful improvements in **METHOD AND APPARATUS FOR
 APPLYING SOLDER TO AN ELEMENT ON
 A SUBSTRATE**

an invention which is fully described in an application for Letters Patent of the United States executed by them this day; and

The ASSIGNEE, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a New York corporation having its principal office at Armonk, New York, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention and application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in

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Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

Peter Alfred Gruber

Inventor's Name

Chon Cheong Lei

Inventor's Name

Peter Alfred Gruber

Signature

Chon Cheong Lei

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July 23

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