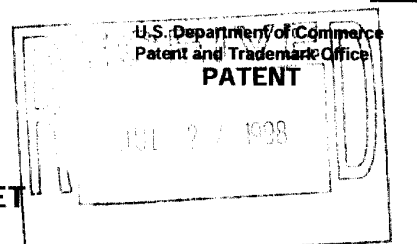


7-27-98
FORM PTO-1619A
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OMB 0651-0027

08-03-1998



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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

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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. Charges to deposit account are authorized, as indicated herein.

Francis G. Montgomery

Name of Person Signing Signature Date

PATENT ASSIGNMENT

WHEREAS we, Franz-Joseph Fritz, being a citizen of the Federal Republic of Germany, residing at Guntherweg 30, D-68199 Mannheim, Germany, and Norbert Schroeder, being a citizen of the Federal Republic of Germany, residing at Ludwigstrasse 3, D-69469 Weinheim, Germany, (hereinafter known as the "Inventors"), have invented a certain new and original Information Repositor With Logical Hyperlinks, for which we have made application for Letters Patent of the United States; and

WHEREAS, SAP Aktiengesellschaft, a corporation organized and operating under and pursuant to the laws of the Federal Republic of Germany, and having an office at Neurottstrasse 16, D-69190 Walldorf, Germany, (hereinafter "Assignee"), is desirous of acquiring interest in and to said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the Inventors do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, the full and exclusive rights, title and

interest in and to the said application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America and in any and all other countries, including all divisionals, renewals, substitutes, continuations, continuations-in-part and Convention applications based in whole or in part upon said invention or upon said application, and any and all Letters Patent that may issue thereon, in the United States and other countries, and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention or upon said application, to the full end of the term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention, said application and said Letters Patent, the same to be held and enjoyed by the said Assignee, its successors and assigns, the same as it would have been held and enjoyed by the Inventors if this assignment and sale had not been made.

The Inventors hereby authorize the said Assignee to file patent applications in any or all countries on any or all of said invention and any improvements in the Inventors' names or in the name of the said Assignee, or otherwise as the Assignee may deem advisable, under the

International Convention or otherwise. And the Inventors hereby authorize the Commissioner of Patents of the United States and the empowered officials of all other governments to issue or transfer all said Letters Patent to the said Assignee, as assignee of the entire right, title and interest therein or otherwise as said Assignee may direct, in accordance with this instrument of assignment.

The Inventors hereby represent and warrant that they have not and will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein, and the Inventors bind themselves and their heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the said Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said Assignee, to enable the same Assignee, its successors and assigns, to file applications for said invention and any improvements in any country where it may elect to file such applications, and that may be necessary to vest in the said Assignee, its successors and assigns, the title herein conveyed or intended so to be, and to enable such title to be recorded in the United States and other countries where such application or applications may be filed.

And the Inventors further covenant and agree, in consideration of these premises, that they, their executors and administrators will, at any time, upon request, communicate to the said Assignee, its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to them or their executors and administrators, and that they will testify as to the same in any interference or other litigations when requested so to do by the said Assignee, its successors and assigns, it being understood that Assignee will compensate the Inventors for the expenses reasonably incurred in complying with said requests.

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but which together shall be deemed to constitute a single document. The effective date of this Assignment with respect to the Inventors shall be the latest date of the Inventors' signatures.

F. J. Fritz

Franz-Joseph Fritz

Sworn to before me
this 3th day of July, 1998

Gaul

Notary Public

Justizrat Gaul, Notar



Norbert Schroeder

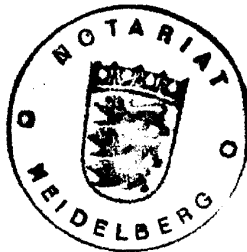
Norbert Schroeder

Sworn to before me
this 3th day of July, 1998

Gaul

Notary Public

Justizrat Gaul, Notar



Unterschriftsbeglaubigung

Vorstehende Unterschriften der durch amtlichen Lichtbildausweis ausgewiesenen folgenden Personen:

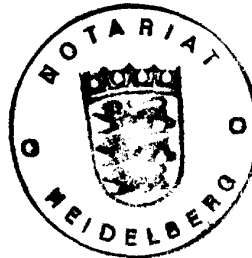
1. Herr Franz-Josef **Fritz**, Prokurist,
geschäftlich: Neurottstr. 16, 69190 Walldorf,
2. Herr Dr. Norbert **Schröder**,
wohnhaft: Ludwigstr. 3, 69469 Weinheim,
geb. am 19.08.1959,

wurden in meiner Gegenwart eigenhändig vollzogen und werden hiermit als echt öffentlich beglaubigt.

Zum Zwecke der Entgegennahme der Unterschriften und deren Beglaubigung habe ich mich heute auf Wunsch begeben in die Geschäftsräume der SAP AG in Walldorf, Neurottstr. 16.

Heidelberg, den 03. Juli 1998
-Notariat 5 Heidelberg-

Justizrat *G a u l*, Notar



Verteiler:

- Urschrift an SAP AG (Rechtsabt.) zur weiteren Veranlassung
- KN an SAP AG (Rechtsabt.)
- Kopie für Notariatsakte
-

5 UR 5444/98

Die Kosten u. Umsatzsteuer
sind auf der Kopie berechnet.

Heidelberg, den **03. Juli 1998**
Kostenbeamter: *i.H. Freytag*



RECORDED: 07/27/1998

PATENT
REEL: 9348 FRAME: 0562