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PATENT REEL: 9569 FRAME: 0518

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DATE

## ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, William W. Cohen of N. Plainfield, New Jersey and Yoram Singer of New Providence, New Jersey, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

## A SYSTEM AND METHOD FOR FINDING INFORMATION IN A DISTRIBUTED INFORMATION SYSTEM USING QUERY LEARNING AND META SEARCH

| described in an application for Letters Patent for the United States of America,            |
|---|
| for which an application for a United States Patent was executed on 06/11/98,               |
| for which an application for a United States Patent was filed on Application Number (1997), |

and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize AT&T to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

PATENT REEL: 9569 FRAME: 0520 The undersigned request that any and all patents for said inventions be issued to AT&T in the United States and in all countries foreign to the United States, or to such nominees as AT&T they may designate.

The undersigned agree that, when requested, the undersigned shall, without charge to AT&T but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

| Date: 6(11   98   |        | William W. Coher | n |           |
|---|--------|------------------|---|-----------|
| United States of America  | )      |                  |   |           |
| State of Mew Jersey   | ) ss.: |                  |   |           |
| County of Marrie  | )      |                  |   |           |
| On this // Personally came William W. Coh executed the foregoing instrument |        |                  |   | before me |

Notary Public

MARGARET CARDOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 20, 1998

PATENT REEL: 9569 FRAME: 0521

| Date: 6/11/98   |  |
|---|--|
|   | Yoram Singer   |
| United States of America )  |  |
| State of New Yersey ) ss.:  |  |
| County of Marris )  |  |
| On thisday of_<br>personally came Yoram Singer, to me kno<br>executed the foregoing instrument, and acknowledge | y 19 <u>78</u> , before me was to be the individual described in and who owledged execution of the same. |

MARGARET CARDOSO

Margaut Notary Public

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**RECORDED: 07/24/1998**