EXHIBIT 5

United States Patent and Trademark Office

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Patent Assignment Abstract of Title

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Total Assignments: 5

Patent #: 6339830 **Issue Dt:** 01/15/2002 **Application #:** 09525506 **Filing Dt:** 03/15/2000

Inventors: Michael E. See, John W. Bailey, Charles L. Panza, Yuri Pikover, Geoffrey C. Stone et al

Title: Deterministic user authentication service for communication network

Assignment: 1

Reel/Frame: 013542/0145 **Recorded:** 12/02/2002 **Pages:** 4

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Assignor: XYLAN CORPORATION **Exec Dt:** 09/22/1999

Assignee: ALCATEL INTERNETWORKING, INC.
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Assignment: 2

Reel/Frame: 013484/0292 **Recorded:** 11/25/2002 **Pages:** 10

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: ALCATEL INTERNETWORKING, INC. **Exec Dt:** 01/02/2002

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Assignment: 3

Reel/Frame: 013542/0149 **Recorded:** 12/02/2002 **Pages:** 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment: 4

Reel/Frame: 016263/0433 **Recorded:** 07/15/2005 **Pages:** 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: ALCATEL **Exec Dt:** 05/10/2005

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Assignment: 5

Reel/Frame: 016263/0435 **Recorded:** 07/15/2005 **Pages:** 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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