



# ATTACHED LIST OF PATENTS AND PENDING PATENT APPLICATIONS

## ISSUED U.S. PATENTS

<b>Description</b>	<b>Patent Number</b>	<b>Issued Date</b>
<b>Limited-Traceability Systems</b>	<b>5,878,140</b>	<b>3/2/99</b>
<b>Limited-Traceability Systems</b>	<b>5,781,631</b>	<b>7/14/98</b>
<b>Limited Traceability Systems</b>	<b>5,712,913</b>	<b>1/27/98</b>
<b>Private Signature and Proof Systems</b>	<b>5,493,614</b>	<b>2/20/96</b>
<b>Automatic Real-Time Highway Toll Collection from Moving Vehicles<sup>1</sup></b>	<b>5,485,520</b>	<b>1/16/99</b>
<b>Compact Endorsement Signature Systems</b>	<b>5,434,919</b>	<b>7/18/95</b>
<b>Designated-Confirmer Signature Systems</b>	<b>5,373,558</b>	<b>12/13/94</b>
<b>Optionally Moderated Transaction Systems</b>	<b>5,276,736</b>	<b>1/4/94</b>
<b>Optionally Moderated Transaction Systems</b>	<b>5,131,039</b>	<b>7/14/92</b>
<b>Selected-Exponent Signature Systems</b>	<b>4,996,711</b>	<b>2/26/91</b>
<b>Unpredictable Blind Signature Systems</b>	<b>4,991,210</b>	<b>2/5/91</b>
<b>One-Show Blind Signature Systems</b>	<b>4,987,593</b>	<b>1/22/91</b>
<b>Returned-Value Blind Signature Systems</b>	<b>4,949,380</b>	<b>8/14/90</b>

---

<sup>1</sup> Jointly owned by Amtech Corporation

<b>Undeniable Signature Systems</b>	<b>4,947,430</b>	<b>8/7/90</b>
<b>Card-Computer Moderated Systems</b>	<b>4,926,480</b>	<b>5/15/90</b>
<b>One-Show Blind Signature Systems</b>	<b>4,914,698</b>	<b>4/3/90</b>
<b>Blind Unanticipated Signature Systems</b>	<b>4,759,064</b>	<b>7/19/88</b>
<b>Blind Signature Systems</b>	<b>4,759,063</b>	<b>7/19/88</b>
<b>Cryptographic Identification, Financial Transaction, and Credential Device</b>	<b>4,529,870</b>	<b>7/16/85</b>

**PENDING APPLICATIONS**

<b>Description</b>	<b>Serial Number</b>	<b>Filing Date</b>
<b>Multi-Purpose Transaction Card System</b>	<b>08/909,480</b>	<b>8/11/97</b>
<b>Partitioned Information Storage Systems With Controlled Retrieval</b>	<b>08/684,263</b>	<b>4/7/99</b>

**U.S. PATENT  
AND PATENT APPLICATION ASSIGNMENT**

This Patent Assignment (this "**Assignment**") is made as of July 16, 1999 by DigiCash Incorporated, a Delaware corporation ("**Assignor**"), to Digicash Acquisition Corporation, a Delaware corporation ("**Assignee**").

**RECITALS**

A. Assignor and Assignee are parties to an Asset Purchase Agreement dated June 2, 1999 (**the Purchase Agreement**).

B. Pursuant to the Purchase Agreement, Assignor desires to assign to Assignee all of Assignor's right, title and interest in and to the patents issued by and pending with the United States Patent and Trademark Office and set forth on Exhibit A hereto (the "**Patents**"), together with the goodwill of the business pertaining thereto.

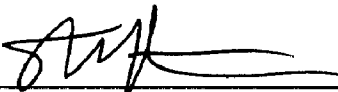
**AGREEMENT**

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants and agreements contained in the Purchase Agreement and the covenants and agreements in this Assignment and to induce Assignee to consummate the transactions contemplated by the Purchase Agreement, Assignor agrees as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest in and to the Patents, including any foreign counterparts, divisions, continuations or reissues thereof, together with the goodwill of the business pertaining thereto, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages by reason of past infringements of the Patents, along with the right to sue for and collect such damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date first above written.

**DigiCash Incorporated**

By:  \_\_\_\_\_

Name: Scott Loftesness

Title: Chief Executive Officer

**EXHIBIT A****ISSUED U.S. PATENTS**

<b>Description</b>	<b>Patent Number</b>	<b>Issued Date</b>
<b>Limited-Traceability Systems</b>	<b>5,878,140</b>	<b>3/2/99</b>
<b>Limited-Traceability Systems</b>	<b>5,781,631</b>	<b>7/14/98</b>
<b>Limited Traceability Systems</b>	<b>5,712,913</b>	<b>1/27/98</b>
<b>Private Signature and Proof Systems</b>	<b>5,493,614</b>	<b>2/20/96</b>
<b>Automatic Real-Time Highway Toll Collection from Moving Vehicles<sup>1</sup></b>	<b>5,485,520</b>	<b>1/16/99</b>
<b>Compact Endorsement Signature Systems</b>	<b>5,434,919</b>	<b>7/18/95</b>
<b>Designated-Confirmer Signature Systems</b>	<b>5,373,558</b>	<b>12/13/94</b>
<b>Optionally Moderated Transaction Systems</b>	<b>5,276,736</b>	<b>1/4/94</b>
<b>Optionally Moderated Transaction Systems</b>	<b>5,131,039</b>	<b>7/14/92</b>
<b>Selected-Exponent Signature Systems</b>	<b>4,996,711</b>	<b>2/26/91</b>
<b>Unpredictable Blind Signature Systems</b>	<b>4,991,210</b>	<b>2/5/91</b>
<b>One-Show Blind Signature Systems</b>	<b>4,987,593</b>	<b>1/22/91</b>
<b>Returned-Value Blind Signature Systems</b>	<b>4,949,380</b>	<b>8/14/90</b>

---

<sup>1</sup> Jointly owned by Amtech Corporation

**Exhibit A**

<b>Undeniable Signature Systems</b>	<b>4,947,430</b>	<b>8/7/90</b>
<b>Card-Computer Moderated Systems</b>	<b>4,926,480</b>	<b>5/15/90</b>
<b>One-Show Blind Signature Systems</b>	<b>4,914,698</b>	<b>4/3/90</b>
<b>Blind Unanticipated Signature Systems</b>	<b>4,759,064</b>	<b>7/19/88</b>
<b>Blind Signature Systems</b>	<b>4,759,063</b>	<b>7/19/88</b>
<b>Cryptographic Identification, Financial Transaction, and Credential Device</b>	<b>4,529,870</b>	<b>7/16/85</b>

**PENDING APPLICATIONS**

<b>Description</b>	<b>Serial Number</b>	<b>Filing Date</b>
<b>Multi-Purpose Transaction Card System</b>	<b>08/909,480</b>	<b>8/11/97</b>
<b>Partitioned Information Storage Systems With Controlled Retrieval</b>	<b>08/684,263</b>	<b>4/7/99</b>