

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dew Engineering and Development Limited	08/30/2002
RECEIVING PARTY DATA	
Name:	ACTIVCARD IRELAND LIMITED
Street Address:	30 Herbert Street
City:	Dublin 2
State/Country:	IRELAND
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11315446
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ATTORNEY DOCKET NUMBER:	IVPH-0741
NAME OF SUBMITTER:	Janis Calvo
Total Attachments: 3 source=Assignment to Activcard Ireland#page1.tif source=Assignment to Activcard Ireland#page2.tif source=Assignment to Activcard Ireland#page3.tif	

CH \$40.00 11315446

ASSIGNMENT

WHEREAS, DEW Engineering and Development Limited, a Canadian corporation, whose full post office address is 3429 Hawthorne Road, Ottawa, Ontario K1G 4G2 Canada (hereinafter the "Assignor"), is the owner of the patent applications (hereinafter the "Applications") listed in the attached schedule (hereinafter "Schedule A");

WHEREAS, Activcard Ireland Limited, an Irish corporation, whose address is 30 Herbert Street, Dublin 2, Ireland (hereinafter the "Assignee"), desires to obtain the entire right, title and interest in and to the Applications listed in Schedule A and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, the Assignor does hereby sell, assign and transfer unto said Assignee, its entire right, title and interest in and to the Applications listed in Schedule A, and any and all extensions, divisionals, reissues, substitutes, renewals or continuations thereof, including any and all patents which may be granted thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property;

WHEREAS, the Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all of said Letters Patent, when granted to the Assignee, its successors and assigns;

WHEREAS the Assignor hereby covenants that it has full right to convey its entire interest in the Applications listed in Schedule A and that it has not executed, and will not execute, any agreement or instrument in conflict therewith; and

WHEREAS the Assignor agrees that it will execute all appropriate documents, papers, forms or authorization, and depose to or swear to all proper declarations or oaths which may be necessary or appropriate for securing, completing, or absolutely vesting title in the Assignee, to the interests herein assigned.

IN TESTIMONY WHEREOF, the Assignor, has caused this Assignment to be executed by its duly authorized representative, on this 30 day of August, 2002.

WITNESS:

LIONEL PERRON

Printed name of Witness

[Signature]
Signature of Witness

DEW Engineering and Development Limited

Per: [Signature]

Name: Clair McCann

Title: Chief Financial Officer

U.S. Patent Applications

Attorney Docket No.	Title	Inventor(s)	US Application Serial No.	US Filing Date
12 - 19 US CIP (2)	Random Number Generator and Method for Same	Borza, Freedman	09/522,043	09-Mar-00
12 - 20 US CIP (3)	Biometric Security Encryption System	Freedman, Hamid	09/618,285	18-Jul-00
12 - 24 US CIP	Method of Detecting Authorised Biometric Information Sensor	Dunn	09/927,236	13-Aug-01
12 - 38 US	Method of Distributing Privacy Protected Computer Software	Borza S	09/277,827	29-Mar-99
12 - 40 US DIV	Contact Imaging Device	Borza S	09/984,354	30-Oct-01
12 - 41 US	Contact Imaging Device	Borza	09/618,284	18-Jul-00
12 - 42 US	Method of Security Establishing a Secure Communication Link Via an Unsecured Communication Network	Hillhouse	09/382,493	25-Aug-99
12 - 44 US	Micromirror Optical Imager	Borza S	09/328,345	09-Jun-99
12 - 44 US CIP	Micromirror Imaging Device	Borza S, Borza M	09/667,436	22-Sep-00
12 - 49 US	Biometric Identification Using Pore Prints	Borza S	09/589,102	08-Jun-00
12 - 50 US	Flexible Method of User Authentication	Hamid, Hillhouse	09/625,548	25-Jul-00
12 - 51 US	Flexible Method of Security Data Backup	Hamid, Hillhouse	09/653,804	01-Sep-00
12 - 52 US	Flexible Method of User Authentication for Password Based System	Hamid, Hillhouse	09/625,547	25-Jul-00
12 - 56 US	Method and System for Playing a Song in Dependence upon Personalised Digital Audio Data,	Borza S	09/667,435	22-Sep-00

U.S. Patent Applications

Attorney Docket No.	Title	Inventor(s)	US Application Serial No.	US Filing Date
12 - 57 US	High Security Personalized Wireless Portable Biometric Device	Hamid, Boulius, Hum	09/812,812	21-Mar-01
12 - 58 US	Security Access Method and Apparatus	Hamid, Boulius, Hum	09/812,833	21-Mar-01
12 - 60 US	Peripheral Device with Programmable Communication Interface	Hillhouse	09/765,281	22-Jan-01
12 - 61 US	Method and System for Providing Access to a Secure Entity or Service by a Subset of N Persons of M Designated Persons	Hamid	09/940,795	29-Aug-01
12 - 62 US	Method and System for Providing Gated Access for a Third Party to a Secure Entity or Service	Hamid, Boulius, Hum	09/863,301	24-May-01
12 - 64 US	Method of Telephone Number Dialing Based on Biometric Information	Decrouy, Hamid, Freedman	09/863,320	24-May-01
12 - 65 US	Method of Hash String Extraction	Hamid	09/911,743	25-Jul-01
12 - 66 US	Method and System for adaptively Varying Templates to Accommodate Changes in Biometric Information	Hillhouse, Boyer	09/797,975	05-Mar-01
12 - 67 US	Method and System for Detecting a Secure State of a Computer System	Charbonneau	09/977,203	16-Oct-01
12 - 68 US	Method for Supporting Dynamic Password	Hillhouse	09/924,502	09-Aug-01
12 - 69 US	Method for Supporting Single Sign On	Charbonneau	09/977,202	16-Oct-01
12 - 70 US	Method and System for Fingerprint Authentication	Hamid	09/973,011	10-Oct-01
12 - 74 US	Method of Encoding Information Within Directory Files on an Integrated Circuit Smart Card	Boyer, Hillhouse	09/972,155	09-Oct-01

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