

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN P.V. DRAZIN	10/23/2003
ACHIM H. KRAM	10/27/2003

RECEIVING PARTY DATA

Name:	GEMSTAR DEVELOPMENT LIMITED
Street Address:	14 BLACKLANDS TERRACE
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State/Country:	UNITED KINGDOM
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14531762

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ATTORNEY DOCKET NUMBER:	003597-0286-304
NAME OF SUBMITTER:	PAULA J. DERBY
SIGNATURE:	/Paula J. Derby/
DATE SIGNED:	01/11/2016

Total Attachments: 3

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ASSIGNMENT

WE, Jonathan P. V. Drazin and Achim H. Kram, residing, respectively, at Coombeside Cottage, High Street, Whitchurch-on-Thames, South Oxfordshire RG8 7EY, United Kingdom, and at The Garden Flat, 68 Ifield Road, London SW10 9AD, United Kingdom, hereby acknowledge that for good and valuable consideration, we have assigned, sold and transferred to GEMSTAR DEVELOPMENT LIMITED, a British company, having a place of business at 14 Blacklands Terrace, London SW3 2SP, United Kingdom, its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all our inventions and discoveries disclosed in International Patent Application PCT/GB02/01557, filed under the Patent Cooperation Treaty on April 3, 2002 in the Great Britain Receiving Office (RO/GB), entitled:

ELECTRONIC PROGRAM GUIDE FOR INDICATING
AVAILABILITY OF PAST PROGRAMS IN THE FUTURE

and designating Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Ecuador (EC), Equatorial Guinea (GQ), Estonia (EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea Bissau (GW), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID),

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(IE), Israel (IL), Italy (IT), Japan (JP), Kazakstan
(KZ), Kenya (KE), Kyrgyzstan (KG), Latvia (LV), Lesotho
(LS), Liberia (LR), Liechtenstein (LI), Lithuania (LT),
Luxembourg (LU), Madagascar (MG), former Yugoslav
Republic of Macedonia (MK), Malawi (MW), Mali (ML),
Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN),
Morocco (MA), Mozambique (MZ), Netherlands (NL), New
Zealand (NZ), Niger (NE), Norway (NO), Oman (OM), the
Philippines (PH), Poland (PL), Portugal (PT), Republic of
Korea (KR), Republic of Moldova (MD), Romania (RO),
Russian Federation (RU), Saint Lucia (LC), Senegal (SN),
Sierra Leone (SL), Singapore (SG), Slovakia (SK),
Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka
(LK), Sudan (SD), Swaziland (SZ), Sweden (SE),
Switzerland (CH), Tajikistan (TJ), Tanzania (TZ), Togo
(TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey
(TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA),
United Arab Emirates (AE), United Kingdom (GB), United
States of America (US), Uzbekistan (UZ), Viet Nam (VN),
Yugoslavia (YU), Zambia (ZM) and Zimbabwe (ZW),

including any renewals, revivals, reissues,
reexaminations, extensions, continuations and divisions
thereof, and any substitute applications therefor;

(2) the full and complete right to file patent
applications in the name of GEMSTAR DEVELOPMENT LIMITED,
its designee, or in our names at the election of GEMSTAR
DEVELOPMENT LIMITED or its designee, on the aforesaid
inventions and discoveries in all countries of the world;
(3) the entire right, title and interest in and to any
patent application filed on the aforesaid invention and
discovery; (4) the entire right, title and interest in
and to any Letters Patent which may issue on the
aforesaid inventions, discoveries, and applications in
any country of the world and any renewals, revivals,

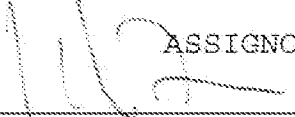
reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (5) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world in and to the following priority applications:

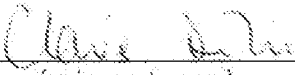
<u>0108355.9</u>	<u>GB</u>	<u>April 3, 2001</u>
Application No.	Country	Filing Date
<u>0204478.2</u>	<u>GB</u>	<u>February 26, 2002</u>
Application No.	Country	Filing Date

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.


We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to GEMSTAR DEVELOPMENT LIMITED as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.


ASSIGNORS:

 23/08/03
 Jonathan P. V. Drazin date

Witness:  24/10/03
 (signature) date

Name of Witness: CLARE DRAZIN 24/10/03
 (type or print)

 27/10/03
 Achin H. Kram date

Witness:  27/10/03
 (signature) date

Name of Witness: Maria Alcala **PATENT**
 (type or print)