

07-14-2004



ET U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 82001/71

To the Honorable Commissioner... 102790233

... original documents or copy thereof.

1. Name of conveying party(ies):
Graphic Controls Corporation 7-12-04
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Graphic Controls LLC
Street Address: 400 Exchange Street
City: Buffalo State: NY Zip: 14204
Country: U.S.A. Postal Code: _____
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date(s): May 24, 2004
1st Inventor:
2nd Inventor:
3rd Inventor:
4th Inventor:

4. Application number(s) or patent number(s);
If this document is being filed together with a new application, the filing date of the application is:
A. Patent Application No.(s)
10/701,941
B. Patent No.(s)
5,903,293; 5,383,737; 4,854,762; 4,814,216; 4,564,852
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Attorney Name: Gunnar G. Leinberg, Esq.
Firm Name: Nixon Peabody LLP
Internal Address: _____
Street Address: Clinton Square, P.O. Box 31051
City: Rochester State: NY Zip: 14603-1051

6. Total number of applications and patents involved: 6
7. Total fee (37 CFR 3.41).....\$ 240.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
14-1138
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Gunnar G. Leinberg Gunnar Leinberg 7/7/2004
Name of Person Signing Signature Date
Registration No. 35,584

Total number of pages including cover sheet, attachments, and documents: 8

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:
 deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450
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7/7/2004 Sherri A. Moscato
Date Signature
DBYRNE 00000004 10701941 Sherri A. Moscato
01 FC:8021 240.00-00
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PATENT ASSIGNMENT

Whereas, GRAPHIC CONTROLS CORPORATION, a New York Corporation having offices at 400 Exchange Street, PO Box 1271, Buffalo, NY 14240-1271 ("Assignor"), is the owner of the certain right, title and interest in and to the patents listed in Annex A and the inventions described or claimed therein; and

Whereas, GRAPHIC CONTROLS LLC, a New York limited liability company, having offices at 400 Exchange Street, Buffalo, NY 14204 ("Assignee"), wishes to acquire the entire right, title and interest in and to such patents, patent applications and inventions held by Assignor;

Now, therefore, for a valuable consideration, receipt whereof is hereby acknowledged, Assignor sells, assigns and transfers to Assignee and its successors and assigns, their right, title and interest in and to the patents listed in Annex A and the inventions described or claimed therein, together with all rights, powers and privileges of any kind or nature belonging thereto or incident or appurtenant thereto, including, without limitation, all reissues, renewals or extension of such patents, the right to claim priority therefore and any and all other rights, privileges and powers with respect to such patents, the same to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

And Assignor authorizes and requests the appropriate officers of the various patent offices in the countries listed in Annex A to issue any and all letters patent of such jurisdictions on such inventions or resulting from any division or divisions or continuation or continuations in whole or in part thereof to Assignee, and covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and shall not execute, any agreements in contravention thereof.

Each party agrees that it will execute and deliver, or cause to be executed and delivered, after the date hereof, all such other instruments and will take all reasonable actions as may be necessary to transfer and convey the Assets described above to Assignee of record in the applicable filing or recording offices, on the terms herein contained, and to consummate the transactions herein contained to effectuate the provisions and purposes hereof.

In witness whereof, Assignor has caused this Assignment to be signed by its officer thereunto duly authorized.

Dated this 24 day of May, 2004.

GRAPHIC CONTROLS CORPORATION

By: Michael Stewart
Michael Stewart

Authorized Signatory

Annex A

Schedule 4.1.12: Intellectual Property Rights

Patents:

| Country | Status | Appl. No. | Filing Date | Pat. / Publ. No. | Issue / Publ. Date | Title / Abstract |
|---------|---------|---------------|-------------|------------------|--------------------|---|
| US | PENDING | 08/650768 | 05/20/1996 | US5903293 | 05/11/1999 | AN INK-JET BOTTLE AND VALVE SYSTEM WHICH DELIVERS INK-JET INK TO AN INK-JET PRINTER APPARATUS HAVING AN INK RESERVOIR. THE SYSTEM HAS FIVE, MAIN COMPONENTS: (1) A BOTTLE, (2) A HOUSING, (3) A VALVE, (4) A COVER, AND (5) A VENT TUBE. COUPLED TO THE INK RESERVOIR, THE HOUSING HAS A NOZZLE WHICH EXTENDS INTO THE INK RESERVOIR AND DEFINES A CHANNEL THROUGH WHICH INK MAY FLOW FROM THE BOTTLE TO THE INK RESERVOIR. THE TOP SURFACE OF THE HOUSING HAS A CUTOUT DEFINING A PAIR OF VALVE ROTATION STOPS. THE HOUSING ALSO HAS A BOTTOM SURFACE WHICH INCLUDES A LOWER VENT AND A LOWER INK PASSAGE EACH OPENING TO THE CHANNEL OF THE NOZZLE. THE VALVE FITS SNUGLY AND ROTATABLY WITHIN THE HOUSING. THE INTERNAL SURFACE OF THE VALVE IS THREADED TO COUPLE THE VALVE TO THE THREADED NECK OF THE BOTTLE. THE BOTTOM SURFACE OF THE VALVE HAS AN UPPER VENT AND AN UPPER INK PASSAGE. FINALLY, A TOP SURFACE OF THE VALVE HAS A PROJECTING TAB. THE TAB RESTS IN THE CUTOUT OF THE HOUSING AND COOPERATES WITH THE PAIR OF VALVE ROTATION STOPS TO LIMIT AXIAL ROTATION OF THE VALVE WITHIN THE HOUSING BETWEEN (I) A FIRST POSITION WHERE THE TAB ABUTS ONE VALVE ROTATION STOP AND IN WHICH THE UPPER VENT AND THE UPPER INK PASSAGE OF THE VALVE ALIGN WITH THE LOWER VENT AND THE LOWER INK PASSAGE, RESPECTIVELY, OF THE HOUSING, AND (II) A SECOND POSITION WHERE THE TAB ABUTS THE OTHER VALVE ROTATION STOP AND IN WHICH THE UPPER VENT AND THE UPPER INK PASSAGE OF THE VALVE ARE OUT OF ALIGNMENT WITH THE LOWER VENT AND THE LOWER INK PASSAGE, RESPECTIVELY, OF THE HOUSING. THE COVER ENGAGES A FLANGE ON THE HOUSING AND CAPTIVATES THE VALVE WITHIN THE HOUSING. FINALLY, THE VENT TUBE ALLOWS AIR, REQUIRED TO EQUALIZE THE PRESSURE IN THE BOTTLE, TO PASS DIRECTLY TO THE AREA AT THE TOP OF THE BOTTLE ABOVE THE INK AND ASSURE EVEN INK FLOW. |
| EPO | EXPIRED | EP19970100195 | 01/08/1997 | EP0808716 | 11/26/1997 | RELATED CASE |
| Canada | PENDING | CA19962193784 | 12/23/1996 | CA2193784 | 11/21/1997 | RELATED CASE |
| US | GRANTED | 08/048778 | 04/16/1993 | US5383737 | 01/24/1995 | A HAND WRITING DEVICE FOR ASSISTING THE YOUNG, OLD, AND DISABLED TO IMPART INDICIA ONTO A MEDIUM. THE DEVICE INCLUDES AN ERGONOMICALLY DESIGNED AND ANTHROPOMORPHICALLY SHAPED BODY HAVING A TOP ADAPTED TO ACCOMMODATE THE PALM OF THE HAND, A PLANAR BOTTOM, AND A RESERVOIR CONTAINING A SUPPLY OF WRITING FLUID. A STYLUS IS PROVIDED WITH A TIP FOR DEPOSITING THE WRITING FLUID ON THE MEDIUM. A GLIDE SYSTEM IS POSITIONED ON THE BOTTOM OF THE BODY AND IS ADAPTED TO PROVIDE LOW-FRICTION MOVEMENT OF THE DEVICE OVER A MEDIUM. THE DEVICE PIVOTS BETWEEN A FIRST POSITION ENGAGING THE STYLUS WITH THE MEDIUM AND A SECOND POSITION DISENGAGING THE STYLUS FROM THE MEDIUM. A HEAD IS COEXTENSIVELY CONNECTED TO AND EXTENDS OUTWARDLY FROM ONE END OF THE BODY AND HOLDS THE STYLUS. THE DEVICE ALLOWS THE USER TO TRANSFER WRITING MOTION BETWEEN THE HAND AND THE STYLUS WITHOUT HAVING TO GRASP, GRIP, HOLD, OR EXERCISE FINGER CONTROL. |

PATENT

REEL: 015571 FRAME: 0305

Schedule 4.1.12: Intellectual Property Rights

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|----|---------|-----------|------------|-----------|------------|--|
| US | GRANTED | 07/003131 | 01/14/198 | US4854762 | 08/08/1989 | A DISPOSABLE MARKER AND ADAPTER FOR USE IN AN INTEGRATOR PEN. THE FORWARD END OF THE MARKER FITS WITHIN THE ADAPTER AND A NIB HOLDER, PROJECTING FROM THE FRONT OF THE MARKER, IS THREADEDLY RETAINED THEREIN. THE REAR END OF THE ADAPTER IS ADAPTED TO BE FRICTIONALLY RETAINED WITHIN A CONVENTIONAL INTEGRATOR PEN BODY HOLDER. |
| US | GRANTED | 06/920302 | 10/17/1986 | US4814216 | 03/21/1989 | TRANSPARENCY MEDIUM FOR AUTOMATIC PRINTERS COMPRISES TRANSPARENT FILM SHEET WITH CENTRAL WINDOW AREA AND SURROUNDING MARGIN AREA AND A BACKER SHEET BONDED TO THE FILM SHEET ONLY IN THE MARGIN AREA. PREFERABLY, A SEQUENCE OF SUCH BACKER SHEETS, INCLUDING SIDE EDGES SUITABLE FOR AUTOMATIC FEEDING (SUCH AS BY TRACTOR PIN HOLES) ON A SEPARATE EDGE PORTION, ARE SEPARABLY CONNECTED AT ADJOINING FORWARD AND REARWARD EDGE LINES TO FORM A FAN FOLDED SUPPLY OF INDEFINITE LENGTH. |
| US | EXPIRED | 06/537332 | 09/29/1983 | US4573060 | 02/25/1986 | DISPOSABLE PEN AND PEN ARM FOR A RECORDING INSTRUMENT, THE PEN STYLUS AND PEN ARM BEING CORRESPONDINGLY ELONGATED AND BENT TO MATE WITH ONE ANOTHER IN THEIR ASSEMBLED CONFIGURATION. THE PEN BODY HAVING A SLOT FOR RECEIVING THE PEN ARM UPON INSTALLATION AND PILOTING THE PEN BODY REARWARDLY TO AN INSTALLED LOCATION, WHICH IS OTHERWISE NOT CONVENIENTLY ACCESSIBLE. |
| US | GRANTED | 06/767053 | 08/16/1985 | US4564852 | 01/14/1986 | A DISPOSABLE MARKER APPARATUS FOR USE WITH LOW TORQUE RECORDERS INCLUDES A BIFURCATED BODY WITH TWO SEPARATE INK RESERVOIRS IN THE FIRST AND SECOND BODY SEGMENTS INTERCONNECTED BY A CONNECTOR SEGMENT. THE CONNECTOR SEGMENT INCLUDES AN INK TRANSMITTING MEMBER. A STYLUS TUBE EXTENDS FROM THE BODY. A PIVOT MEMBER IS PROVIDED TO ENGAGE AN ASSOCIATE PIVOT SUPPORT OUTWARDLY FROM SAID PEN BODY. A SUBSTANTIAL PORTION OF THE MASS OF THE MARKER IS BELOW THE CONNECTOR SEGMENT AND THE PIVOT MEMBER. THE RESULT IS A MARKER HAVING A CENTER OF GRAVITY BELOW THE PIVOT SO THAT THE SWINGING MARKER TENDS TO STABILIZE AFTER DISTURBANCE DUE TO VIBRATION OR RAPID MARKER EXCURSION. |
| US | EXPIRED | 06/423851 | 09/29/1982 | US4500354 | 02/19/1985 | WATER-STABLE PHENOL-AMINE COMPLEXES OF LIMITED WATER SOLUBILITY FOR USE IN A THERMAL-SENSITIVE PAPER COATING CONTAINING A CHROMOGENIC COMPOUND. THE COMPLEXES CONTAIN PHENOLIC HYDROXY GROUPS AND AMINE GROUPS IN AN ESSENTIALLY 2:1 RATIO, THE AMINES BEING LOW BOILING AMINES. THE PHENOLS ARE OF THE CLASS CAPABLE OF FORMING AMINE COMPLEXES HAVING A RATION OF TWO HYDROXYL GROUPS FOR EACH AMINE GROUP. THE RESULTING COATING COMPOSITIONS EFFECTIVELY RESIST PREMATURE COLOR FORMATION DURING FORMULATION, AND THE COATED PAPERS PRODUCED EXHIBIT ENHANCED STABILITY. |
| US | EXPIRED | 06/385239 | 06/04/1982 | US4464671 | 08/07/1984 | A UNIVERSAL SLIP-ON PEN CARTRIDGE DEVICE FOR ATTACHMENT TO THE MOVABLE PEN ARM OF CHART RECORDERS, HAS A MOLDED PLASTIC BODY WITH INK RESERVOIR AND STYLUS. THE FLAT SURFACE OF THE PEN BODY HAS UPSTANDING SPACED-APART POSTS WHICH SECURE IN PLACE BY MEANS OF SONIC WELDING A BRIDGE MEMBER THAT HAS A SHALLOW GROOVE IN ITS FACE WHICH ADJOINS THE PEN BODY. A TUNNEL IS THUS FORMED WITH THE PEN BODY, INTO WHICH THE PEN ARM CAN BE INSERTED, SAID ARM HAVING A APERTURE WHICH ACCOMMODATES A NIB ON THE PEN BODY TO RETAIN THE PARTS IN ASSEMBLED RELATION. |

Schedule 4.1.12: Intellectual Property Rights

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| US | EXPIRED | 06/357977 | 03/15/1982 | US4401997 | 08/30/1983 | A RECORDING CHART OF THE TYPE CARRIED AS ONE OF A STACKED ARRAY ON A CHART-DRIVING AND CHANGING MECHANISM WHICH FUNCTIONS PERIODICALLY TO SEPARATE THE TOP CHART FROM THE STACKED ARRAY. A ZONAL PORTION OF THE CHART ADJACENT TO A SLIT IS INTEGRALLY DEFORMED TO PROVIDE AN OPEN-ENDED SOCKET OR SLOT IN THE CHART TO FACILITATE INTRUSIVE PENETRATION OF A BLADE-LIKE LIP OF A ROTATABLE RELEASE BUTTON OR HUB OF THE CHART CHANGER, CLEANLY, BETWEEN A TOP CHART OF THE STACK AND A CHART THEREBENEATH, TO LIFT AND DISPLACE THE CHART WHILE PREVENTING THE RELEASE BUTTON FROM CUTTING INTO THE TOP CHART ITSELF ADJACENT A BLADE-FACING EDGE THEREOF. |
| US | EXPIRED | 06/191720 | 09/29/1980 | US4337471 | 06/29/1982 | CONVENIENT DISPOSABLE MARKER TIP DESIGN MINIMIZES MARKER PASSING DISTANCE AND PROVIDES A CONSTANT WIDTH TRACE LINE INDEPENDENT OF THE ANGLE AT WHICH THE MARKER TIP ENGAGES THE WRITING SURFACE. THE MARKER TIP COMPRISES A NIB SHANK, SURROUNDING AND SUPPORTING A NIBE HAVING A PARTIALLY SPHERICAL TIP. THE NIB SHANK IS SHAPED TO PROVIDE MAXIMUM COVERAGE OF THE NIB SURFACE AND MINIMUM PASSING DISTANCE BETWEEN ADJACENT NIB TIPS. |
| Japan | EXPIRED | 06/067813 | 08/20/1979 | US4316197 | 02/16/1982 | EASILY REMOVABLE INSTRUMENT PEN TIP COMPRISED OF A BODY FORMED OF RESILIENT PLASTIC WITH AN INK PASSAGEWAY ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN INK SUPPLY TUBE ASSOCIATED WITH A PEN ARM, THE OTHER END OF WHICH IS ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN ELONGATED NIB ELEMENT, SUCH AS A STYLUS OR FIBROUS NIB. THE PEN TIP BODY IS A FLAT SHAPED MEMBER IN WHICH THE PASSAGEWAY LIES. THE BODY MAY CONVERGE TOWARD THE INK PASSAGEWAY TO SERVE AS A VISUALLY INDICATING POINTER. THE BODY MAY ALSO INCLUDE LOCATORS OR POSITIONING RIBS AND REINFORCING RIBS. PREFERABLY, THE BODY AND PASSAGEWAY INCLUDE BENT SECTIONS AND THE NIB ELEMENT AND PASSAGEWAY ARE ADAPTED FOR ENGAGEMENT ONLY IN THE BENT SECTION PASSAGEWAY. |
| US | EXPIRED | 06/067813 | 08/20/1979 | US4316197 | 02/16/1982 | EASILY REMOVABLE INSTRUMENT PEN TIP COMPRISED OF A BODY FORMED OF RESILIENT PLASTIC WITH AN INK PASSAGEWAY ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN INK SUPPLY TUBE ASSOCIATED WITH A PEN ARM, THE OTHER END OF WHICH IS ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN ELONGATED NIB ELEMENT, SUCH AS A STYLUS OR FIBROUS NIB. THE PEN TIP BODY IS A FLAT SHAPED MEMBER IN WHICH THE PASSAGEWAY LIES. THE BODY MAY CONVERGE TOWARD THE INK PASSAGEWAY TO SERVE AS A VISUALLY INDICATING POINTER. THE BODY MAY ALSO INCLUDE LOCATORS OR POSITIONING RIBS AND REINFORCING RIBS. PREFERABLY, THE BODY AND PASSAGEWAY INCLUDE BENT SECTIONS AND THE NIB ELEMENT AND PASSAGEWAY ARE ADAPTED FOR ENGAGEMENT ONLY IN THE BENT SECTION PASSAGEWAY. |
| US | EXPIRED | 06/067813 | 08/20/1979 | US4316197 | 02/16/1982 | EASILY REMOVABLE INSTRUMENT PEN TIP COMPRISED OF A BODY FORMED OF RESILIENT PLASTIC WITH AN INK PASSAGEWAY ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN INK SUPPLY TUBE ASSOCIATED WITH A PEN ARM, THE OTHER END OF WHICH IS ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN ELONGATED NIB ELEMENT, SUCH AS A STYLUS OR FIBROUS NIB. THE PEN TIP BODY IS A FLAT SHAPED MEMBER IN WHICH THE PASSAGEWAY LIES. THE BODY MAY CONVERGE TOWARD THE INK PASSAGEWAY TO SERVE AS A VISUALLY INDICATING POINTER. THE BODY MAY ALSO INCLUDE LOCATORS OR POSITIONING RIBS AND REINFORCING RIBS. PREFERABLY, THE BODY AND PASSAGEWAY INCLUDE BENT SECTIONS AND THE NIB ELEMENT AND PASSAGEWAY ARE ADAPTED FOR ENGAGEMENT ONLY IN THE BENT SECTION PASSAGEWAY. |
| Mexico | EXPIRED | 06/067813 | 08/20/1979 | US4316197 | 02/16/1982 | EASILY REMOVABLE INSTRUMENT PEN TIP COMPRISED OF A BODY FORMED OF RESILIENT PLASTIC WITH AN INK PASSAGEWAY ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN INK SUPPLY TUBE ASSOCIATED WITH A PEN ARM, THE OTHER END OF WHICH IS ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN ELONGATED NIB ELEMENT, SUCH AS A STYLUS OR FIBROUS NIB. THE PEN TIP BODY IS A FLAT SHAPED MEMBER IN WHICH THE PASSAGEWAY LIES. THE BODY MAY CONVERGE TOWARD THE INK PASSAGEWAY TO SERVE AS A VISUALLY INDICATING POINTER. THE BODY MAY ALSO INCLUDE LOCATORS OR POSITIONING RIBS AND REINFORCING RIBS. PREFERABLY, THE BODY AND PASSAGEWAY INCLUDE BENT SECTIONS AND THE NIB ELEMENT AND PASSAGEWAY ARE ADAPTED FOR ENGAGEMENT ONLY IN THE BENT SECTION PASSAGEWAY. |
| Japan | EXPIRED | 06/067813 | 08/20/1979 | US4316197 | 02/16/1982 | EASILY REMOVABLE INSTRUMENT PEN TIP COMPRISED OF A BODY FORMED OF RESILIENT PLASTIC WITH AN INK PASSAGEWAY ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN INK SUPPLY TUBE ASSOCIATED WITH A PEN ARM, THE OTHER END OF WHICH IS ADAPTED TO RECEIVE AND SEALINGLY ENGAGE AN ELONGATED NIB ELEMENT, SUCH AS A STYLUS OR FIBROUS NIB. THE PEN TIP BODY IS A FLAT SHAPED MEMBER IN WHICH THE PASSAGEWAY LIES. THE BODY MAY CONVERGE TOWARD THE INK PASSAGEWAY TO SERVE AS A VISUALLY INDICATING POINTER. THE BODY MAY ALSO INCLUDE LOCATORS OR POSITIONING RIBS AND REINFORCING RIBS. PREFERABLY, THE BODY AND PASSAGEWAY INCLUDE BENT SECTIONS AND THE NIB ELEMENT AND PASSAGEWAY ARE ADAPTED FOR ENGAGEMENT ONLY IN THE BENT SECTION PASSAGEWAY. |
| Great Britain | EXPIRED | GB197919890 | 06/07/1979 | GB2022830 | 12/15/1982 | RELATED CASE |
| Germany | EXPIRED | D51979292884 | 06/07/1979 | D5999684 | 12/20/1979 | RELATED CASE |

Schedule 4.1.12: Intellectual Property Rights

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|---------------|---------|----------------|------------|-----------|------------|--|--------------|
| Canada | EXPIRED | CA 1090197 | 07/18/1979 | | | | |
| Brazil | EXPIRED | BR 1590197 | 07/18/1979 | | | | |
| Belgium | EXPIRED | BE 1590197 | 07/18/1979 | | | | |
| Australia | EXPIRED | AU 1590197 | 07/18/1979 | | | | |
| US | EXPIRED | US 1590197 | 07/18/1979 | | | | |
| Japan | EXPIRED | JP 1590197 | 07/18/1979 | | | | |
| Great Britain | EXPIRED | GB197923842 | 07/09/1979 | GB2024726 | 04/21/1982 | | RELATED CASE |
| Germany | EXPIRED | DE 197923842 | 07/09/1979 | | | | |
| France | EXPIRED | FR 197923842 | 07/09/1979 | | | | |
| Canada | EXPIRED | CA 197923842 | 07/09/1979 | | | | |
| Brazil | EXPIRED | BR 197923842 | 07/09/1979 | | | | |
| Belgium | EXPIRED | BE 197923842 | 07/09/1979 | | | | |
| Australia | EXPIRED | AU 197923842 | 07/09/1979 | | | | |
| Australia | EXPIRED | AU 197923842 | 07/09/1979 | | | | |
| Japan | EXPIRED | JP 197923842 | 07/09/1979 | | | | |
| Great Britain | EXPIRED | GB19790025029 | 07/18/1979 | GB2025858 | 06/09/1982 | | RELATED CASE |
| Germany | EXPIRED | DE 19790025029 | 07/18/1979 | | | | |
| France | EXPIRED | FR 19790025029 | 07/18/1979 | | | | |
| Canada | EXPIRED | CA 19790025029 | 07/18/1979 | | | | |
| Brazil | EXPIRED | BR 19790025029 | 07/18/1979 | | | | |
| Belgium | EXPIRED | BE 19790025029 | 07/18/1979 | | | | |
| Australia | EXPIRED | AU 19790025029 | 07/18/1979 | | | | |
| Australia | EXPIRED | AU 19790025029 | 07/18/1979 | | | | |

Schedule 4.1.12: Intellectual Property Rights

| Country | Patent No. | Expiration Date | Patent No. | Expiration Date | Related Case |
|---------------|------------|-----------------|---------------|-----------------|--------------|
| US | EXPIRED | | | | |
| US | EXPIRED | | | | |
| US | EXPIRED | | | | |
| Japan | EXPIRED | 02/24/1978 | JP19780020779 | 11/12/1982 | RELATED CASE |
| Japan | EXPIRED | | | | |
| Japan | EXPIRED | | | | |
| Italy | EXPIRED | | | | |
| Great Britain | EXPIRED | | | | |
| Great Britain | EXPIRED | | | | |
| Great Britain | EXPIRED | | | | |
| Germany | EXPIRED | | | | |
| Germany | EXPIRED | | | | |
| Germany | EXPIRED | | | | |
| France | EXPIRED | 03/03/1978 | FR19782382337 | 11/16/1981 | RELATED CASE |
| France | EXPIRED | 03/03/1978 | FR19782382338 | 03/03/1978 | RELATED CASE |
| Canada | EXPIRED | | | | |
| Canada | EXPIRED | | | | |
| Canada | EXPIRED | | | | |
| Brazil | EXPIRED | | | | |
| Brazil | EXPIRED | | | | |
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