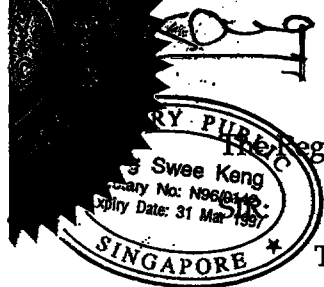


AFFIDAVIT



Registrar of Patents Singapore

This affidavit is in support of a Petition to Request Refund of Fees paid to the Singapore Registry of Trade Marks and Patents with regard to the Singapore Patent Applications identified in Attachment A, attached hereto.

The undersigned affiant states that:

1. I am a Patent Engineer in the Motorola Intellectual Property Law Department responsible for the prosecution of the Singapore patent applications identified in Attachment A.

2. I filed the Singapore patent applications in Attachment A, pursuant to the Eighth Schedule of the Patents Rules 1995, on the respective submission dates identified in Attachment A, at the Singapore Registry of Trademarks and Patents claiming priority from the respective priority documents identified in Attachment A.

3. I filed a request for an extension of one month on Patents Form 49 pursuant to Rule 113(3) of the Patents Rules 1995 with payment of the prescribed fee of \$200 along with the respective patent applications identified in Attachment A, in order to allow sufficient time to obtain and submit copies of the respective certified priority documents to the Registry of Trade Marks and Patents beyond the closing date of 23 February 1996, pursuant to the Eighth Schedule of the Patents Rules 1995.

4. I submitted the respective certified Priority Documents identified in Attachment A on the respective submission dates identified in Attachment A, before the expiry of the one month extension.

5. On 16 March, 1996 an article in The Straits Times, Attachment B attached hereto, stated that the Law Minister had exercised his power and extended the closing date for submission of patent applications pursuant to the Eighth Schedule of the Patents Rules 1995 to 1 PM on 13 April 1996.

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable under the Laws of the Republic of Singapore, and that such wilful false statements may jeopardise the validity of the patent applications or any patents issued thereon.

Date: 11th. April 1996



Kevin J. Theseira

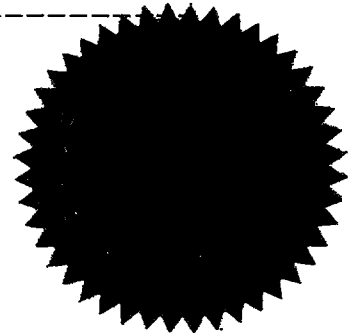
REPUBLIC OF SINGAPORE

Subscribed and sworn to before me the undersigned Notary Public in and for the Republic of Singapore on 11th. April 1996 by Kevin J. Theseira. I do hereby certify that he appeared before me this day in person and acknowledged that he signed this Affidavit as his free and voluntary act and deed for the uses and purposes herein set forth.

Given under my hand and notary seal this 11th. day of April, 1996.



SEAL



ATTACHMENT A

11 APR 1996



Docket No.	Title	Appln Submitted	Priority No.	Priority Submitted
CE00117R	AUTOMATIC NEW SYSTEM REGISTRATION NOTIFICATION	14 February 1996	457111 UNITED STATES OF AMERICA	8 March 1996
CE00576R	APPARATUS FOR AND METHOD OF SYNCHRONIZING A CLOCK SIGNAL	14 February 1996	858246 UNITED STATES OF AMERICA	8 March 1996
CE00710R	DATA TRANSFER METHOD AND APPARATUS HAVING DUAL FREQUENCY OPERATION	14 February 1996	07/940551 UNITED STATES OF AMERICA	8 March 1996
CM00355L	SUPERCAPACITOR ELECTRODE AND METHOD OF FABRICATION THEREOF	14 February 1996	632850 UNITED STATES OF AMERICA	8 March 1996
CX07234	CIRCUIT AND METHOD OF SWITCHING BETWEEN REDUNDANT CLOCKS FOR A PHASE LOCK LOOP	14 February 1996	705861 UNITED STATES OF AMERICA	8 March 1996
SC07427C	VOLTAGE CONTROLLED OSCILLATOR EMPLOYING NEGATIVE RESISTANCE	14 February 1996	767948 UNITED STATES OF AMERICA	8 March 1996
SC08039C	DATA SLICER WITH HOLD	14 February 1996	947625 UNITED STATES OF AMERICA	8 March 1996
SC08492C	LOW VOLTAGE PRECISION CURRENT SWITCH	14 February 1996	114279 UNITED STATES OF AMERICA	8 March 1996
CE00284R	MULTIACCUMULATOR SIMGA-DELTA FRACTIONAL-N SYNTHESIS	15 February 1996	516993 UNITED STATES OF AMERICA	8 March 1996
CE00759R	APPARATUS AND METHOD FOR DETECTING ALIGNMENT OF CONTACTS IN A MULTI-SUBSTRATE ELECTRONIC ASSEMBLY	15 February 1996	08/100843 UNITED STATES OF AMERICA	15 March 1996

Agent: Kevin J. Theseira

ATTACHMENT A

Docket No.	Title	Appln Submitted	Priority No.	Priority Submitted
CM00266J	POWER CONSERVATION METHOD AND APPARATUS FOR A PORTION OF A SYNCHRONOUS INFORMATION SIGNAL	15 February 1996	278520 UNITED STATES OF AMERICA	15 March 1996
CM00871U	DATA COMMUNICATION RECEIVER HAVING VARIABLE LENGTH MESSAGE CARRY-ON	15 February 1996	07/891363 UNITED STATES OF AMERICA	15 March 1996
PT00158U	SELECTIVE CALL RECEIVER CAPABLE OF REQUESTING INFORMATION FROM A COMMUNICATION SYSTEM AND METHOD THEREOF	15 February 1996	07/955385 UNITED STATES OF AMERICA	15 March 1996
SC08359C	INPUT BUFFER CIRCUIT HAVING SLEEP MODE AND BUS HOLD FUNCTION	15 February 1996	54495 UNITED STATES OF AMERICA	8 March 1996
CE00135R	METHOD AND APPARATUS FOR DETERMING BATTERY TYPE AND MODIFYING OPERATING CHARACTERISTICS	16 February 1996	341778 UNITED STATES OF AMERICA	15 March 1996
CE00747R	METHOD FOR GENERATING A SPECTRAL NOISE WEIGHTING FILTER FOR USE IN A SPEECH CODER	16 February 1996	08/021364 UNITED STATES OF AMERICA	8 March 1996
CE00775R	DIVERSITY ANTENNA STRUCTURE HAVING CLOSELY-POSITIONED ANTENNAS	16 February 1996	07/995113 UNITED STATES OF AMERICA	8 March 1996
CE00802R	RECEIVER HAVING CONCEALED EXTERNAL ANTENNA	16 February 1996	08/023234 UNITED STATES OF AMERICA	15 March 1996
GE02471	SECURE COMMUNICATION SETUP METHOD	16 February 1996	08/172971 UNITED STATES OF AMERICA	8 March 1996
SC08217P	METHOD FOR THINNING A SEMICONDUCTOR WAFER	16 February 1996	993984 UNITED STATES OF AMERICA	8 March 1996

Agent: Kevin J. Theseira

ATTACHMENT A

Docket No.	Title	Appln Submitted	Priority No.	Priority Submitted
SC08687P	GETTERING OF IMPURITIES BY FORMING A STABLE CHEMICAL COMPOUND	16 February 1996	191678 UNITED STATES OF AMERICA	8 March 1996
CE02437R	METHOD AND APPARATUS FOR COHERENT COMMUNICATION IN A SPREAD-SPECTRUM COMMUNICATION SYSTEM	17 February 1996	031258 UNITED STATES OF AMERICA	8 March 1996
CE02549R	METHOD AND APPARATUS FOR ENCRYPTION HAVING A FEEDBACK REGISTER WITH SELECTABLE TAPS	17 February 1996	114804 UNITED STATES OF AMERICA	8 March 1996
SC01505A	MEMORY HAVING A LATCHING BICMOS SENSE AMPLIFIER	17 February 1996	956230 UNITED STATES OF AMERICA	8 March 1996
SC0220EG	DATA STORAGE DEVICE	17 February 1996	9305827.9 UNITED KINGDOM	19 March 1996
CE00709R	ANTENNA FOR AN ELECTRONIC APPARATUS.	22 February 1996	055459 UNITED STATES OF AMERICA	15 March 1996
CE02498R	METHOD AND APPARATUS FOR TIME ALIGNING SIGNALS FOR RECEPTION IN A CODE-DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM	22 February 1996	159633 UNITED STATES OF AMERICA	8 March 1996
CE04059N	A METHOD FOR CONTROLLING TRANSMISSION POWER IN A COMMUNICATION SYSTEM	22 February 1996	907072 UNITED STATES OF AMERICA	8 March 1996
CE04115N	METHOD OF DELIVERING PAGING MESSAGES USING VOICE MAIL	22 February 1996	966660 UNITED STATES OF AMERICA	8 March 1996
CE04123N	A MULTI-CHANNEL DIGITAL TRANSMITTER AND RECEIVER	22 February 1996	27981 UNITED STATES OF AMERICA	8 March 1996

Agent: Kevin J. Theseira

ATTACHMENT A

Docket No.	Title	Appln Submitted	Priority No.	Priority Submitted
CM00045U	DATA COMMUNICATION RECEIVER HAVING BURST ERROR PROTECTED DATA SYNCHRONIZATION	22 February 1996	890908 UNITED STATES OF AMERICA	15 March 1996
CM00066U	TIME DIVISION MULTIPLEXED SELECTIVE CALL SIGNALLING SYSTEM	22 February 1996	459485 UNITED STATES OF AMERICA	15 March 1996
PT00591U	SYNCHRONIZED OFFSET EXTRACTION IN A DATA RECEIVER	22 February 1996	907965 UNITED STATES OF AMERICA	8 March 1996
SC0083AH	TV RECEIVER INCLUDING MULTISTANDARD OSD	22 February 1996	340639 UNITED STATES OF AMERICA	15 March 1996
SC01137A	PROCESS FOR PLUGGING DEFECTS IN A DIELECTRIC LAYER OF A SEMICONDUCTOR DEVICE	22 February 1996	769049 UNITED STATES OF AMERICA	8 March 1996
SC01225A	STATIC RANDOM ACCESS MEMORY RESISTANT TO SOFT ERROR	22 February 1996	966910 UNITED STATES OF AMERICA	8 March 1996
SC01621A	FLAGLESS SEMICONDUCTOR DEVICE AND METHOD FOR MAKING THE SAME	22 February 1996	08/034961 UNITED STATES OF AMERICA	15 March 1996
SC01711A	SEMICONDUCTOR DEVICE AND FERROELECTRIC CAPACITOR	22 February 1996	08/072012 UNITED STATES OF AMERICA	8 March 1996
SC01752A	METHOD FOR POLISHING A SUBSTRATE	22 February 1996	08/056274 UNITED STATES OF AMERICA	8 March 1996
SC0184AH	LCD SCROLL MECHANISM	22 February 1996	749,073 UNITED STATES OF AMERICA	15 March 1996

Agent: Kevin J. Theseira

ATTACHMENT A

Docket No.	Title	Appln Submitted	Priority No.	Priority Submitted
SC0185AH	DATA STREAM ALTERING SYSTEM	22 February 1996	749072 UNITED STATES OF AMERICA	15 March 1996
SC0274EG	EXPANDED MODE MICROCONTROLLER	22 February 1996	9418226.8 UNITED KINGDOM	19 March 1996
SC06632P	NON-CYANIDE ELECTRODE CLEANING PROCESS	22 February 1996	441595 UNITED STATES OF AMERICA	8 March 1996
SC06645P	METHOD OF FABRICATING SEMICONDUCTOR STRUCTURES	22 February 1996	431420 UNITED STATES OF AMERICA	8 March 1996
SC07166P	SEMICONDUCTOR DEVICE HAVING IMPROVED FREQUENCY RESPONSE	22 February 1996	763773 UNITED STATES OF AMERICA	8 March 1996
SC08079C	VOLTAGE CONTROLLED OSCILLATOR WITH LOW OPERATING SUPPLY VOLTAGE	22 February 1996	968136 UNITED STATES OF AMERICA	8 March 1996
SC08358C	PULSED BATTERY CHARGER CIRCUIT	22 February 1996	161627 UNITED STATES OF AMERICA	15 March 1996
PT00501UD	PAGING SYSTEM USING MESSAGE FRAGMENTATION TO REDISTRIBUTE TRAFFIC	23 February 1996	07/980084 UNITED STATES OF AMERICA	8 March 1996
SC06253T	FLAGLESS SEMICONDUCTOR PACKAGE	23 February 1996	261439 UNITED STATES OF AMERICA	8 March 1996

Agent: Kevin J. Theseira



11 APR 1996

THE STRAITS TIMES, SATURDAY, MARCH 16, 1996

NEWS FOCUS

Fresh deadline for lodging patents ends 3-week stalemate

Law firm's dispute with registry over after extension to April 13

By Brendan Pereira

THE Ministry of Law has fixed a fresh period until April 13 for lodging patents in Singapore, ending a three-week stalemate between law firm Drew & Napier and the Registry of Trade Marks and Patents.

This move also dispenses the cloud that has been hanging over many foreign and local companies — all worrying that the protection they sought for their inventions may not be recognised here for failure to get their patent applications lodged.

Under the Singapore Patents Act, patent applications which had been made before Feb 23, 1995, under the United Kingdom Patents Act or in the European Patents Office, had to be lodged here within 12 months of that date.

Only then would the inventions obtain a priority over any patent application which was similar in nature.

The deadline was set at 5 pm on Feb 23.

Drew & Napier sent 135 boxes of patent applications to the Registry of Trade Marks and Patents office at Bras Basah Road on Feb 23, maintaining it beat the 5 pm deadline.

But, the registry rejected this contention, saying that the boxes were not there when the office was closed.

A stalemate then ensued.

The law firm left the boxes outside the registry, with staff members taking turns to watch over.

In the meantime, partners of the firm were busy appealing and making representations to the ministry.

Yesterday, the ministry said that Drew & Napier had attempted to lodge the 135 boxes well after the 5 pm deadline on Feb 23.

Registry officials discovered the boxes outside the main door of their office at 6.30 am the next day.

A spokesman for the ministry also said that the registry had taken a number of measures to help patent agents and law firms meet the Feb 23 deadline.



Boxes of patent applications left outside the Registry of Trade Marks and Patents office at Bras Basah Road by Drew & Napier, which maintained that it had sent them there on Feb 23 to beat the 5 pm deadline. — Picture by ALI YUSOFF.

These included allowing applicants who could not submit their applications physically by 5 pm to send them by facsimile until the midnight of Feb 23.

Partners of the law firm were not available for comment on the matter.

This is not the first time that Drew & Napier had been involved in a tangle with the Registry of Trade Marks and Patents.

In 1993, the law firm took the registrar to court on the grounds that her refusal to restore a client's trademark was wrong.

The High Court quashed the registrar's decision. This finding was upheld by the Court of Appeal last year.

The ministry spokesman said that applicants who could not meet the Feb 23 deadline had appealed for an extension.

She added that the ministry was sympathetic to these appeals as Singapore was in favour of protecting the rights of patent owners.

Accordingly, Law Minister Professor S. Jayakumar exercised his power under the Patents Act to re-open the period for lodging pending UK patent applications until 1 pm on April 13.

The ministry added that it would not entertain any more appeals for late registration after this new date.

Firms turn away clients to meet deadline

SOME law firms and patent agents said yesterday they had turned many clients away, to ensure that they met the Feb 23 deadline.

A partner in one of the large firms said: "We stopped taking instructions from overseas clients about a week before the deadline because there was a chance that we would not get documents in time."

He said about 100 patents applications were lost to other firms and patent agents. Firms charge between \$50 and \$1,000 for filing an application. Large firms lodge more than 1,000 applications a year.

Another lawyer, who specialises in trade marks and patents, said that while the extension showed that the Law Ministry was interested in protecting the rights of patent owners, he could not shake the feeling that those who had kept to the deadline had lost out. "It seems that the stragglers have benefited most from the fiasco."

"They did not turn away clients, have had their request for an extension granted and can earn the extra dollars."

He would be writing to his clients to let them know of the new April 13 deadline.

Two other lawyers interviewed also said that now that the extension had been granted, the Registry of Trade Marks and Patents should refund money which it collected from firms which asked for extra time to file supporting documents.

The registry had charged a \$200 fee on each request for an extension.

PATENTS: WHAT AND WHY

What are patents?

Patents are rights which allow a person to be the sole maker or user of an invention or process for 20 years. After this period, the monopoly ends.

As long as a product or process is new, involves an inventive step and is capable of industrial use, it can be patented.

Patents have been granted for reclining chairs, the process of making soya bean drink and electronic gadgets.

Why the fuss?

Up till last year, applications for patents were filed under the United Kingdom Patents Act or in the European Patents Office. When the Patents Act came into force on Feb 23 last year, those who wanted their inventions to be protected

here had to lodge patent applications with the Registry of Trade Marks and Patents.

But there was a clause in the Act which protected those people whose applications were pending in the UK. It said that if they filed within a 12-month period from Feb 23 last year, they would be given the same filing date as the earlier UK application.

Filing dates are important in patent applications as they give the right of priority over later applications of similar inventions. However, if the person lodged an application after Feb 23, then the application in Singapore would not be given the same filing date as the UK one.

This would mean that the invention cannot claim to be novel, one of three criteria of a patent. Therefore, no valid patent is likely to be granted in Singapore.