## THE COMPETITION TRIBUNAL

IN THE MATTER OF an Application by the Director of Investigation and Research for an order pursuant to section 75 of the Competition Act. R.S. 1985, c. C-34, as amended, requiring that the Respondent accept the Exdos Corporation as a customer for the supply of a product

BETWEEN:
THE DIRECTOR OF INVESTIGATION AND RESEARCH

Applicant

- and -

XEROX CANADA INC.

Respondent

I, DONALD D. BANKS, AND I, C. MICHEL LAVIGNE, both of the City of Ottawa $n$ the Judicial District of Ottawa-Carleton, make oath and say as follows:

1. We are Chartered Accountants in the Accounting Firm of Deloitte \& Touche. Deloitte \& Touche was retained by counsel for the Director of Investigation and Research to examine the books and records of Exdos Corporation and 562412 Ontario Inc. (operating as Nezron Office Products) and provide a report dealing with certain matters relating to the impact on those companies of the refusal to supply of the respondent herein. We were responsible for the preparation of this report.
2. A copy of the report, which contains a detailed description of the work performed, is attached hereto as Exhibit " $A$ ". The contents of and our findings therein are true to the best of our knowledge, information and belief.
3. A copy of our respective curriculum vitae are attached hereto as Exhibit "B" and "C".
4. We make this affidavit pursuant to Rule $42(1)$ of the Competition Tribunal Rules.

SWORN BEFORE ME at the, City of Ottawa, in the, Judicial District of ) Ottawa-Carleton, this ) Quday of April, 1990 )


A Commissioner of
Oaths in and for Canada

# REPORT ON SPECIAL REVIEW 

## EXDOS CORPORATION



## REPORT ON SPECIAL REVIEW - EXDOS CORPORATION

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APPENDICES


## LEXICON

| FULL TERMS | ABBREVIATED TERMS |
| :---: | :---: |
| Xerox Canada Inc. | Xerox |
| Exdos Corporation | Exdos |
| 562412 Ontario Inc. (Operating as Nezron Office Products) | Nezron |
| Combined Exdos Corporation and Nezron Office Products | Exdos-Nezron |
| Terrance Reid | Reid |
| David Wood | Wood |
| Lucille Hazell | Hazell |
| Soberman Isenbaum \& Colomby Chartered Accountants | SIC |
| Post 83 Xerox copier parts | Parts |
| October 26, 1988 | Date of Refusal to Supply |
| Xerox freeze of sales of parts to parties other than end users | Refusal to Supply |
| Independent Service Organization | ISO |
| Copier parts which have a limited life expectancy due to ordinary use. | Consumables | Touche

## SCOPE OF REVIEW

The scope of review was to examine the records and financial statements of Exdos and its affiliated company, Nezron with the objective to:
a) provide a view on the general status of the accounting records of Exdos-Nezron;
b) provide an overview of the nature of the business of Exdos-Nezron and their inter-relationship;
c) provide a projection of the impact of the refusal to supply in terms of the dependence of Exdos-Nezron on Xerox as a source of parts for Xerox copy machines;
d) determine the financial effects to date, of the refusal of Xerox to supply parts to Exdos other than as an end user of Xerox copiers.

Our examination of Exdos-Nezron records covered:
all available Exdos and or Nezron accounting and or other records which we felt appropriate for the period between October 1,1986 and February 20, 1990.

SIC's working paper files of Exdos for the years ended September 30, 1988 and September 30 , 1989. SIC's working paper files of Nezron for the periods ended April 30, 1989 and September 30, 1989.

We interviewed key employees of Exdos-Nezron group namely:
Terrance Reid, President of Exdos, President of Nezron
David Wood, Service Manager, Nezron
Peter Van Velzen, General Manager, Exdos
Lucille Hazell, Office Manager, Exdos - Nezron
Robert Chittenden, Parts Co-ordinator, Exdos
Carol Ann Wheeler, Accountant, Exdos-Nezron
Due to the close business relationship of Exdos and Nezron and their numerous intercompany transactions, we have conducted our examination as though they were a joint entity.

Appendix 1 attached outlines the examination steps undertaken in our review.

## SUMMARY OF FINDINGS

## 1) STATE OF RECORDS

We found the records of Exdos-Nezron to be adequate for the business priorities of its management. We were able to perform the tests and examination we considered necessary to evaluate the effects of Xerox refusal to supply.

We determined that some of the monthly sales summaries were lost or misplaced apparently at the time of the dismissal of the former accountant but we were able to reconstruct the annual sales from the sales invoices themselves. Further, because of the missing sales summaries and because Exdos-Nezron kept no perpetual inventory prior to the refusal to supply we considered the monthly financial reports of the individual companies to be inadequate for our purposes.

## 2) OVERVIEW OF BUSINESS

a) Operations

For the period of our review:
i) Exdos' main business was to buy and sell used Xerox copiers as a broker, with many of the sales made to ISO's including Nezron. Exdos also bought and sold Xerox parts, to ISO's chiefly, until the refusal to supply was put into effect in 1988.
ii) Exdos' operations included the refurbishing of used copiers by Nezron technicians.
iii) Nezron's main business was to sell, rent or lease used Xerox copiers, refurbished by Exdos, to end users along with service contracts. The parts required for performance of these contracts came entirely from Exdos. Exdos has continued to supply these parts despite the refusal to supply.
iv) Approximately $90 \%$ of Exdos-Nezron revenue has been generated from sales or service of Xerox copiers or sales of Xerox parts and supplies (Appendix 2).
v) Exdos and Nezron operated from the same business premises with an inter-mingling of costs, staff duties and management.
vi) From a business planning perspective, it would be anticipated that the Nezron contribution to profits would steadily increase as the service contract operations grew to provide a larger ongoing revenue base.
b) Relationship of Exdos and Nezron

Throughout the years 1984 to 1989 inclusive, the ownership and management of Exdos and Nezron has been as follows:
i) Ownership

- Exdos has been $100 \%$ owned by Reid.
- Up to September 29, 1989, Nezron was owned 70\% by Reid and 30\% by Wood.
- As of September 29, 1989, Exdos acquired all of the issued shares of Nezron from Reid and Wood. Finally on October 1, 1989, Exdos amalgamated with Nezron to continue as Exdos Corporation.
ii) Management
- Reid was the President and day to day General Manager of Exdos throughout the years 1984 to 1988 inclusive. On July 4, 1989, Van Velzen assumed the duties of the General Manager while Reid continued as President and continued to oversee all operations.
- Reid was the President and General Manager of Nezron throughout the years 1984 to 1988 inclusive, and most of 1989. On October 1, 1989, Van Velzen assumed the duties of General Manager. Throughout the entire period Wood was Service Manager for Nezron.

3) IMPACT OF REFUSAL TO SUPPLY

Since Exdos-Nezron operations are very dependent upon a ready supply of parts, and since market sources other than Xerox appear to be unable to provide compatible parts in sufficient quantity or quality, the refusal to supply has placed Exdos-Nezron in a precarious position in respect of its ability to continue operations. Its inventory of parts appears to be deficient in respect of there being parts on hand or readily available to service its clients pursuant to contracts to supply parts and service. Further, the refusal to supply has caused Exdos-Nezron to alter its business operations and it has suffered some direct financial losses in the form of additional costs. These additional costs would likely have to continue as long as Exdos-Nezron's business continues.

Our analytic review indicates that Exdos-Nezron would have limited business life expectancy, in respect of its Xerox related business, because of the refusal to supply.
4) FINANCIAL EFFECTS TO DATE

Exdos reaction to the refusal to supply was to re-direct its human resources to search for a supply of Xerox copier parts from as many sources as possible. This search included:

- An immediate order of parts from Xerox in the amount of some $\$ 60,000$ before the effective date of the refusal to supply but after notification of it.
- Trying to locate manufacturers of Xerox compatible copier parts, independently and through the National Independent Service Organization.
- Increasing the purchasing activity in respect of used post-1983 Xerox copiers so that some could be used in the "cannibalization" process, whereby parts were used from one machine to keep another operating with some machines eventually being entirely cannibalized.
- Purchasing parts from Rank-Xerox of the United Kingdom through U.S. agents.
- Purchasing parts directly from Xerox for those machines wherein Exdos was considered to be an end user, approximately sixteen machines in total.

In addition Exdos instituted an inventory control system which provided a periodic report, usually bi-monthly, highlighting the inventory of each part on hand compared to a minimum and maximum level considered to be adequate for each part. The service manager, Wood, maintained this control system whereas prior to the refusal to supply, parts had been ordered from Xerox only as needed.

## CONCLUSION

As a result of our analytical review and information obtained, we would conclude that Exdos-Nezron's business operations, as presently constituted, have been place in jeopardy by the refusal to supply. Its inventory of parts, as at February 19,1990 indicated deficiencies in the parts necessary to service its clients in accordance with existing contracts, in respect of post-1983 copiers. There does not appear to be a market source of those parts other than Xerox in quantities sufficient to maintain the necessary inventory. Accordingly the business life expectancy of Exdos-Nezron appears to be quite limited. In addition, to the extent that Exdos-Nezron is able to continue to place and service post-1983 copiers, it does so at an increased cost of staff time, with the attendant payroll cost.

## DETAILED OBSERVATIONS

## APPROACH TO DETERMINATION OF EFFECTS

Our review indicated that the refusal to supply had caused changes in the operations of Exdos-Nezron particularly with respect to activities deemed necessary to acquire and maintain an inventory of parts. These activities were directed toward immediate survival of the business because it was believed that the market for used Xerox copier machines would dry up unless the potential purchasers could be assured that parts and service would continue to be available readily, virtually on demand. These considerations affected both the immediate and long-term viability of Exdos-Nezron.

We approached the determination and quantification of financial effects from three perspectives:
i) Necessity of Supply
ii) Estimate of Business Life Expectancy of Exdos-Nezron
iii) Immediate Effects of Refusal to Supply
a) Necessity of Supply

Was it necessary to have a supply of Xerox parts readily available in order for the businesses to survive?
i) All of the employees interviewed were of the opinion that without a ready supply of parts in the general market Exdos would not be able to continue to supply copiers to end users. Similarly they were of the opinion that Nezron's sales and service business would not be able to continue once their clients determined that prompt service could no longer be supplied.
ii) Our analysis established that $90.8 \%$ of Nezron's placement of office machines, either by sale, lease or rental were accompanied by a service contract (Appendix 3).

Similarly, analysis of Nezron's client base (Appendix 4), shows that over $85 \%$ were on service contracts and relied upon a supply of parts. Further, our analysis shows that post 1983 copier machines, or the Marathon series, have grown from $32 \%$ of machines serviced in 1987 to $55 \%$ of machines serviced in 1989 (Appendix 5). On a revenue basis, $73 \%$ of December 1989 revenue came from sales and service of post 1983 copiers and service revenue alone, including parts, was post-1983 copier based to the level of $58 \%$ (Appendix 6).

We would conclude, therefore, that Nezron's future profitability would tend to grow as the client base expanded and that the clients, and Exdos-Nezron, require a readily available supply of pre and post 1983 Xerox parts, with more and more reliance falling on post 1983 parts.

## (b) Estimate of Business Life Expectancy of Exdos-Nezron

What would the expected life of Exdos-Nezron be if none of the consumable parts could be obtained, firstly from Xerox, and secondly, from alternative sources?

Our review confirmed that Exdos-Nezron was dependent upon a readily available supply of Xerox or Xerox-compatible parts. Evidence examined together with explanations provided by key employees indicated that the general market of Xerox compatible parts plus the ISO supportive supply, together with the cannibalization process of obtaining parts would not provide the flow of parts necessary. A Xerox catalogue of parts listed approximately 18,000 parts. The parts catalogue produced by the ISO's in response to Xerox refusal to supply, listed less than 1,000 parts available, and in very limited quantities per part.

Further, we reviewed Exdos-Nezron's purchase of Xerox or Xerox compatible parts for the fiscal year ended September 30, 1989 per Appendix 7. We noted or were advised that:
a) Xerox was still the main supplier of parts, to a value of some $\$ 179,000$. This total was composed of approximately $\$ 77,500$ of parts ordered in the ordinary course of business prior to the refusal to supply plus some $\$ 60,000$ of parts ordered on October 21,1988 due to the impending refusal to supply and the balance ordered for Exdos as an end-user.
b) Approximately $\$ 7,300$ of Xerox parts were obtained, through a U.S. agent, from Rank-Xerox of England. It is understood that this source no longer exists.
c) Several of the other suppliers are no longer able to supply parts.

We analyzed Exdos-Nezron's historic use of parts in order to evaluate the consumption rate of parts and then compared this consumption rate to the inventory of parts on hand. This involved a series of steps:
i) Wood supplied a master list of parts and supplies sold by Exdos to Nezron for the two years ended September 30, 1989. We analyzed that list and eliminated the pre-1983 parts and supplies to arrive at a list of some 450 post- 1983 parts and supplies. Further analysis eliminated supplies and low-usage parts to arrive at a list of 90 post- 1983 high-usage parts. In accordance with advice received from Chittenden and in order to be conservative, we also eliminated those parts where there was an alternate Xerox part available and those parts where an alternate source existed, irrespective of prices or reliability of source. We thus arrived at a list of 21 essential consumables upon which to base our evaluation.
ii) We reduced the annual consumption amount of those selected parts to an average monthly usage figure.
iii) For each part we divided the quantity on hand as at February 19, 1990 per Chittenden's records, by the average monthly usage figure, thereby arriving at the number of months of supply of each part on hand, per Appendix 8.

Appendix 9 presents the same information in the form of a graph and shows that for these 21 parts Exdos-Nezron had less than a four month supply on hand.

We concluded that with the refusal to supply in effect and with no known alternate source, Nezron will not be able to continue to provide service should a customer need any of these 21 parts, in particular. A similar result could also occur in respect of any of the 450 parts, consumable or durable, should it not be available when needed.

Our projection has been based primarily on parts usage and its probable effect on clients. We did not factor in the matter of employee loyalty or apprehension, considerations which would tend to accelerate the downhill slide.
(c) Immediate Effects of Refusal to Supply

What were the immediate measurable costs of reacting to the refusal to supply in terms of obtaining a supply of parts?

The financial effect of the Exdos-Nezron's reaction to the refusal to supply has been manifested in additional costs in that the duties of certain key, knowledgeable employees were changed so that they could search for, find and control the inventory of parts. In particular:
i) Reid organized, managed and took part in the actual search for other sources of parts. We have estimated that $10 \%$ of his time was spent on these activities from September 1, 1988 to July 4, 1989 when Van Velzen was hired by Exdos to carry on as General Manager.
ii) Van Velzen continued the management of the search for parts and personally took part in the search as well. His conservative best estimate is that $10 \%$ of his time has been used for these activities.
iii) Wood changed his duties from a ratio of $50 \%$ as Service Manager and $50 \%$ on service calls prior to the refusal to supply, to a ratio of $80 \%$ searching for and controlling parts and $20 \%$ as Service Manager, after the refusal to supply according to his conservative best estimate. Appendix 10 is a schedule which illustrates the decrease in service calls made by Wood from 56 pre-refusal to 18 postrefusal.
iv) Hazell changed her duties from pre-refusal to supply where she served as Executive Assistant to Reid and as an Assistant in the brokering of used Xerox copiers to post-refusal to supply duties which included contacting the same suppliers for more copiers and for parts, to searching for other parts suppliers, to ordering parts for Exdos as an end user. Her conservative best estimate is that $25 \%$ of her post-refusal time was used in the search for parts, that is, approximately 10 hours per week.
v) Susan Holtze was hired as Sales Secretary by Nezron. It is the position of Exdos-Nezron management that the reason Holtze was hired was that Hazell no longer had sufficient time to perform the secretarial duties that she had prior to the refusal to supply.

## CALCULATION OF FINANCIAL EFFECTS

We have addressed the financial effect of the refusal to supply under two aspects, firstly where Exdos-Nezron is unable to find alternative sources of the consumables Scenario One, and secondly where Exdos-Nezron is able to continue to operate by finding alternative sources of parts, Scenario Two.

SCENARIO ONE

Our analysis of Exdos-Nezron's rate of use of the consumables when compared to their inventory of parts at February 19 , 1990 shows that some parts will be out of stock within one month and others may last up to four months. It is our understanding that parts can no longer be obtained from Rank-Xerox of England, as of February 1990. We project that Exdos-Nezron will not be able to fully service all of its clients, despite cannibalization and other survival source of parts, at some time in the near future, in respect of post-1983 Xerox copiers, and will therefore begin to lose clients and its business related to Xerox copiers. Appendix 11 attached shows that the annual gross margin at risk would be in excess of $\$ 1,300,000$ per annum.

## SCENARIO TWO

Exdos-Nezron's cost of maintaining its operations despite the refusal to supply has manifested itself in three ways:

- the loss of contribution margin on the resale of Xerox parts, which we have calculated to be $\$ 36,800$ per annum, per Appendix 12. Contribution margin is the amount of profit that a line of business produces or contributes toward the fixed cost or overhead;
- the ongoing cost of several employees engaged in finding, developing and maintaining alternative sources of compatible parts. This cost is approximately $\$ 38,000$ per year at present (Appendix 15);
- out-of-pocket cost in the form of legal and accounting services. Our analysis did not include a comprehensive search for out-of-pocket costs related to the refusal to supply, but we did note legal fees of $\$ 8,207$ and that S.I.C. have provided special services directly related to the refusal to supply.

The present value of the estimated future losses of Exdos-Nezron, based on Scenario Two is approximately $\$ 662,000$ per Appendix 15 . The cost to date is approximately $\$ 100,000$ per Appendix 16.

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```
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Tour of premises
Visual review of inventory
Visual review of renovation and cannibalization
of copiers
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```
Reid
Wood
Hazell
Van Velzen
Chittenden
Wheeler
Sales staff
Clerks
```

SIC WORKING PAPERS

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(Nezron Y/E April 30, 1989 and period ended September 30, 1989)

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(Nezron Y/E April 30, 1989 and period
ended September 30,1989 )
Scan previous years /periods financial statements
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-rental equipment; accounting

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\& -Hazell \\
\& -Reid \\
\& -Wheeler \\
\& -Van Velzen \\
\& -Others
\end{tabular} \& \[
\begin{aligned}
\& \mathrm{H}-1 \\
\& \mathrm{H}-2 \\
\& \mathrm{H}-3 \\
\& \mathrm{H}-4
\end{aligned}
\] \\
\hline \begin{tabular}{l}
Corroboration service calls ( \(+/-1,000\) cards) \\
-analysis and extraction of information from cards \\
- compilation of information \\
-preparation of summaries
\end{tabular} \& \[
\begin{aligned}
\& \text { I-1 } \\
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\end{aligned}
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\hline ```
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-review, total
-note controls
-cannibalized copiers (photocopies of
serial number plates)
-Exdos list of copier as end user
``` \& J -1

$J-2$
$J-5$ <br>

\hline | Parts searches | -ISO correspondence |
| :--- | :--- |
|  | -Rank Xerox notes |
|  | -ISO inventories |
|  | -Xerox inventories | \& \[

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\begin{aligned}
& \mathrm{K}-1 \\
& \mathrm{~J}-3 \\
& \mathrm{~K}-2 \\
& \mathrm{~K}-3
\end{aligned}
$$
\] <br>

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Disbursement analysis re: purchases of parts R-2
Preparation of summary
R-2
Back-up information re: purchases from Copier R-3 Services Unlimited (CSU)

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DISCRIPTIOI | TOTAL APP | 1108 | SALSS |  | SAL | IS | POPCH |  | POPCA |  | TOTAL IERO |  |
|  |  |  | CASSELS， | Broci | UPTPO 9 | OROMIO | GRSIL |  | POJI |  | COPIEP |  |
|  |  |  |  |  |  |  | （＊） 130 |  | （\＄13 |  | RTITH0 |  |
|  | （II \＄） | （\％） | （III \＄） | （ ${ }^{\text {（ }}$ | （III \＄） | （ ${ }^{\text {（ }}$ | （III） | （\％） | （III \＄） | （ ${ }_{\text {l }}$ | （II）\＄） | （\％） |
|  | （1） |  | （2） |  | （3） |  | （4） |  | （5） |  | （＋1－2－3－4－5） |  |
| ＊＊＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊ | ＊＊＊＊＊＊＊ | ＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊ |
| SBPP 30， 88 | 2，928，022 ${ }^{*}$ | 100．0\％ | 34，304 | ） 1.28 | 57，417 | ）2．0\％ |  | 0．0\％ | 113，279： | 3.98 | 2，723，022 | 93.08 |
| SEPP 30， 89 | 2，642，612＊ | 100．08 | 57，146 | ）2．28 | 41，872 | ） 1.68 | 178，117 ！ | 6．8\％ | 40，689 ： | 1．5\％ | 2，324，488 | 88．0\％ |
|  | 5，570，634 | 100．0\％ | 91，451 | 1．8\％ | 99，289 | 1.88 | 178，417 | 3． 24 | 158，988 | 2.8 | 5，047， 600 | 90．08 |
|  | ：：＝e： | ：：：：$=$ | ：こ：－マ： | ：$:=:$ | ：ニマママ： | ：こミ： | ：$:=:$ ： | ：ニマ： | ：$=:=:=$ | ：$=:=$ | ：こ＝： | ：マ： |
| legend |  |  |  |  |  |  |  |  |  |  |  |  |
| ＊＊＊＊＊＊＊＊＊＊＊ |  |  |  |  |  |  |  |  |  |  |  |  |
| －agrese io | COMbIAED GROS | SS Margi | Somyari |  |  |  |  |  |  |  |  |  |
| ：AGRRED 9 | SOPPLIERS II | POICBS |  |  |  |  |  |  |  |  |  |  |
| $)$ AGREED TO | HP2POR SALES | IMPOICR |  |  |  |  |  |  |  |  |  |  |

BYDOS／ERZROR
PLACEHRTHS AMALISIS

| ＊＊＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊＊ |
| :---: | :---: | :---: | :---: | :---: |
| DESCRIPTIOX | RBMTALS | SALPS | SALPS | TOTAL |
|  | 1 | HITH | HITHOUT | PLACBEBPIS |
|  | LISSPS | SBPPICE | SBEYICB |  |
| ＊＊＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊＊ |
| OHITS | 417 | 472 | 90 | 979 |
|  | ここここここここ | ここ：ここここ：マ | こマ：マニ：ニママ | こここマここここここ |
| \％ | 42．6\％ | 48．2\％ | 9.22 | 100．0\％ |
|  |  |  | ：$:$ ：$=$ ： | ：$=:$ ：こ：： |

HOTR 1 ALL BRHPALS \＆LBASBS IMCLODR A SBRPICB CONTRACT AGRBBMBYY


BXDOS／MR2BOR
AMALYSIS OP CLIBHI BASZ－PAPPS DBPBIDBRCT

| ＊＊＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DSSCRIPTIOR | dinfals | SLLES | SLLES | SRPYICB | sopplics | Ofusk | TOHAL |
|  | 1 | HITH | HIPHOOT | HITEOTI |  |  |  |
|  | LRASES | SRRYICS | SRRYICR | SALES |  |  |  |
| ＊＊＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ |
| OHITS | 417 | 472 | 90 | 566 | 91 | 44 | 1，680 |
|  | ッロ： | ： | ：ロ：＝ | ：z：－：＝： | ＝：－ะ：－ | ：＝：－z： | ：$:=:=$ |
| ＊ | 24．8\％ | 28．1\％ | 5.48 | 33．7\％ | $5.4 \%$ | 2．6\％ | 100．0\％ |
|  | ＝：ニ：－： | ：マ：ニ：ミ： | ：－ะ：ニะ | ＝ | －aミ：ニン | ：＝：＝：＝： | ：＝：－：\％ |

hofr 1 all rbrials a Leasbs inclodr a sbrficr contract agrbabut


BXDOS／NB2ROM
HACHIMES SERYICED
10 HONFH PBRIOD BYDED ROFBYBER 1987，1988， 1989

| ＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊ DESCRIPTIOH | ＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊ PEBIOD BHDED HOV 1987 |  | ＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊＊ PRRIOD BHDSD MOT 1988 |  | PRPIOD BHDED MOT 1989 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | FOTAL POR PREIODS |  |  |
|  | Houbse | ＊ |  |  | Hokber | ＊ | HOABER | ＊ | Houber | $\pm$ |
|  | SBPPICED |  | SRRPICBD |  | SRRPICED |  | SBRYICBD |  |
|  | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊＊＊ | ＊＊＊＊＊＊ |
| KABATHON（POST 83） | 107 ／ | 32．0\％ | 1741 | 43．7\％ | $256 /$ | 54．98 | 537 | 44．8\％ |
| pRr maraftol serics | 2271 | 68．0\％ | 223 ／ | 56．0\％ | 2091 | 44．8\％ | 659 | 55．0\％ |
| OFHRE（HOL COPIRRS） | 01 | 0．0\％ | 11 | 0．3\％ | $1 /$ | 0．2\％ | 2 | 0．2\％ |
| TOTAL SREPICR | 334 | 100．0\％ | 398 | 100．0\％ | 466 | 100．0\％ | 1，198 | 100．0\％ |
|  | ：こ：こ： | ：：：：＝： | ：ニ： | ：ニ： | ： | ：：：＝ | ：こミ： | ：$:=$＝ |

LBGEND



|  |  | Tal All |  |  |
| :---: | :---: | :---: | :---: | :---: |
| PRI |  | POS |  | Pofal |
| 1 | 1 | \% | * | \% |
| 21***** | ${ }^{1}$ | 178**** |  | ****** |
| 68,166 / | 278 | 183,183 | 138 | 251,319 |
| 32,597 / | 128 | 44,669 / | 588 | 77,266 |


|  DBSCPIPT10I | ******************t*******************COOIPuE1P |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | PRB | POST |  | 10PAL |
|  | 1 \% | 1 | $\star$ | 1 |
|  | ****** *** | ******** | **** | ******** |
| TOTAL RETBSOB | 35,569 / 208 | 138,514 / | $80 \%$ | 171,083 |
| SRPYICR |  |  |  |  |
| RHLATBD |  |  |  |  |

MGRUD
/ agrrid to moring prepard by rydos personkra


PROJBCTIOA OP PIRAMCILL BIPBCI OR RBPOSAL TO SUPPLI - SCBHARIO OHB

| *********** PaRtI <br> * | ******************** DESCRIPTIOB <br>  | ***** <br> HODBL <br> ***** |  | *********** <br> TOTAL <br> COMSDIPTION <br> OCI 189 T0 <br> IBB 1990 <br> *********** | *********** AVGBRAGB NOMTHLY COMSDIPPIOH (RODMDED) *********** |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 122960326 | BXP LAMP | 1025 | 10.0 | 4.0 | 1 | 1.0 | 1 |
| 125560365 | CEG.COR.ASSI | 2830 | 5.0 | 9.0 | 1 | 3.0 | 3 |
| 125560366 | I. /DT/COR $\operatorname{SSSY}$ | 2830 | 9.0 | 16.0 | 2 | 0.0 | 0 |
| 126560506 | HEAT ROD | 1025 | 6.0 | 6.0 | 1 | 1.0 | 1 |
| 13054120 | frabisfor | 1045 | 12.0 | 13.0 | 2 | 2.0 | 1 |
| $19 P 60793$ | PIMGER | 2830 | 92.0 | 103.0 | 14 | 12.0 | 1 |
| $19 P 61089$ | PRGR/PRESS | 1038 | 87.0 | 104.0 | 14 | 11.0 | 1 |
| 1264 | DROM | 1055 | 4.0 | 8.0 | 1 | 2.0 | 2 |
| 22563290 | 日BAT ROLL | 1055 | 8.0 | 8.0 | 1 | 1.0 | 1 |
| 33560129 | CL BLADB | 1055 | 3.0 | 10.0 | 1 | 0.0 | 0 |
| 33560137 | Hftre BL | 2830 | 9.0 | 14.0 | 2 | 0.0 | 0 |
| 33560198 | HI BLADR | 1055 | 5.0 | 9.0 | 1 | 1.0 | 1 |
| 33560271 | ADE PEPD POLL | 1038 | 13.0 | 13.0 | 2 | 7.0 | 4 |
| 42348502 | BLLI | 1045 | 10.0 | 17.0 | 2 | 8.0 | 4 |
| 555520 | DICORTROX SHIELD | 1090 | 9.0 | 23.0 |  | 5.0 | 2 |
| 5P61105 | papse frgd clotch | 1020 | 4.0 | 15.0 | 2 | 3.0 | 2 |
| 600E3170 | dig Repair ilt | 1040 | 5.0 | 17.0 | 2 | 1.0 | 1 |
| 60016640 | HICI ASSI IIT | 1045 | 19.0 | 20.0 | 3 | 2.0 | 1 |
| 60057077 | InTerter sfop | 1075 | 11.0 | 11.0 | 2 | 1.0 | 1 |
| 6562590 | Pred rolu | 1035 | 25.0 | 20.0 | J | 0.0 | 0 |
| 941880 | CVR HICX | 1040 | 30.0 | 62.0 | 7 | 7.0 | 1 |

SOORCB \& CRITERIA
SBLECTIOH MAS HADR JODGBHEMTLY AS THB HOSt SIGNIPICANT OR TOTAL PARTS infenfory hice arr listrd on parts consuypion ratr analisis for hen trchiology azrod copiras LISTIMg.

RBDOCED KHBM ALTBRMATB SODRCBS OR PARTS MRRE AFALLABLI
RBDOCED MBBH ALfBRMAIP PARTS HBBR AVALlable
deplefing sopplirs hrar bicloded
2830 SBRIBS CONSIDREBD AS PART OR ZRBOX RBPOSAL TO SOPPLY PRE CEITTEMDBU FBEIPICATIOR


BXDOS／IBEROII
dayid hood sepyicr calls alalysis
SOMARI

|  |  <br> rotal CLLLS <br> PREIOD OP 12 BOBTI <br> suDIIG OCF 31 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1987 | 1988 | 1989 | 1987 | 1988 | 1989 |
|  | ：$:=$ ： | ：－＝：＝ | ：＝：－： | ：$=$ ：＝ | ：$=$ | ：：$=:$ |
| TOTAL CALLS（PBP AMALSSYS） | 517 | 1，196 | 2，473 | 135 | 56 | 18 |
|  | ：マ：マ： | ：こミ：： | ：：：$=$ | ：ミマ：－ | ：ミ：マ： | ： |

D．MOOD CALLS vs POTAL CALLS（II PRRCEYT）
AHOAL INCRBASE $131.3 \%$ 106．8\％
26．11 $4.68 \%$ 0．73\％

APPBUDIX 11
BIDOS/132ROI
combinid gross abreil
12 HOMTH PBEIOD BMDED SBPTEMBEE 30 ,

| ****zt*************DRSCRIPIIOI******************** | ********************z******** |  | *****************************$1988$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  | $\underset{* * * * * * * * * * * * * * ~}{\$}$ |  | $\underset{* * * * * * * * * * * * * *}{\$}$ | $\underset{* * * * * * * * * * * ~}{k}$ |
| RE7BIOS | $\begin{gathered} 2,642,612 \\ =:=:=:=-a=: \end{gathered}$ | $\begin{array}{r} 100.0 \% \\ =:=:=-=:= \end{array}$ | $\begin{gathered} 2,928,022 \\ =:=-z===z= \end{gathered}$ | $\begin{array}{r} 100.0 \chi \\ =:=z=:=:= \end{array}$ |
| COST OP SLLES | 938,039 |  | 1,453,800 |  |
| gestrinir infoices | 137,244 |  | , |  |
| PoJits layoicrs | 31,299 |  | 87,138 |  |
| TOTAL COST OP SALPS | 1,106,582 | 41.9\% | 1,540,938 | 52.6x |
| GROSS Margia | $\begin{array}{r} 1,536,030 \\ =:=:=:=:=:=2 \end{array}$ | $\begin{array}{r} 58.1 \% \\ =:=:=:=:= \end{array}$ | $\begin{gathered} 1,387,084 \\ ::=:=:=:=:= \end{gathered}$ | $\begin{array}{r} \text { 47.4 } \\ =:=:=:=:=: ~ \end{array}$ |

BIDOS/IE2ROI

12 HOATH PRBIOD BHDED SPPTEMBRE 30,1989


TOTAL BXDOS SALRS
LESS; INTERCO
Salies fo 3rd partirs
holfiplicd by contabotion
hargil Rati (appridia 13)
ESTIMATPD LOSt COHPRIBDTION
LRSS; IAXPS ( $\triangle$ BATR OR 25\%)
gSfinatid lost art confribofiol (apter tarss)

## LBGBID



* agrebd to combiard repbior (appedili 14)

| total salis prr sayple or invoices | 43，754 | 100．08 |
| :---: | :---: | :---: |
| total costs prr salple or ihyoices | 35，828 | 81．94 |
| comtribotion margin | 7，926 | 18．18 |
|  | ：ニ：マ：ニะ：ニะ | ：ニะ＝： |

H07B
SALSS INTOICBS PROM THB POTAL POPDLATIOA MBRB SELBCTRD JODGBHRYTALI

BIDOS/HRZROR
COMBIHED RETEHER (PRE CATEGORY)
12 YOHTH PERIOD BHDED SEPTEHBPR $30,1989 \& 1988$

| **中************ DRSCRIPIIOH |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | YEAR BRDED SEP 301989 |  |  |  | TBAR BYDED SEP 301988 |  |  |  |
|  | BIDOS | HB2ROM | IHPRRCO | TOTAL | BIDOS | LETROH | IMPEPCO | POTAL |
|  | 1 | 2 | 3 | 1+2-3 | 5 | 6 | 7 | 5+6-7 |
| \$*************** | *********** | *********** | *********** | *********** | *********** | *********** | ************ | *********** |
| SALES EQUIPYEAT | 1,216,576 | 494,126/ | 316,960< | 1,393,742 | 1,551,861 | 318,170 / | 214,682 < | 1,655,349 |
| SOPPLIES \& PARTS | 405,657 ${ }^{\text {- }}$ | 245,329 / | 405,828 < | 245,158 | 515,367 | 141,682 / | 244,794 | 412,255 |
| SEPPICE | 0 | 758,405 / | 0 く | 758,405 | - | 379,879 / | 0 | 379,879 |
| RBHTAL | (33)" | 186,384 / | $0<$ | 186,351 | 5,500 | 358,335 / | 0 | 363,835 |
| 07EPR | 41,789 * | 17,167/ | $0<$ | 58,956 | 111,465 | 5,239 / | 0 | 116,704 |
| TOTAL RBVBMOB | \$1,663,989 | \$1,701,411 | \$722,788 | \$2,642,612 | \$2,184,193 | \$1,203,305 | \$459,476 | \$2,928,022 |

LEGEND


* agreed to bxdos closing frial balayce soamary breort

< AGRRED TO BXDOS IRTBR-COMPANIES TRAMSACTIOXS RBPORf

| BrDOS/HR2ROM <br> projection or piharcial refrct or rerpsal to sopply scruario tio |  |
| :---: | :---: |
|  |  |
|  |  |
| total cost parroll cost applicable to parts | 51,790 |
| LESS; TAI BEMEPIT - 254 | $(12,947)$ |
| HRY COST APTER MaxES | 38,842 |
|  | 36,791 |
| TOTAL LOST PRR AHMOH | 75,633 |
| presbuy talur pactor applicable for 10 yrabs e 2.5* | 8.7521 |
| PRESEHT PALOE OR ESTIMATRD PDTORR LOSSES | \$661,951 |

## ASSGUPIIOHS

 tiar prair considebilig tar agr or reid and pan prlzbh
2. BXDOS and arzroh arr candian controlled prifats corporafions IN OMHBIO BLIGIBLE POR far suall bosiness dedection or $25 \%$.

BIDOS/RB2ROH
RIMAMCIAL RPRCCS - COST TO DATR
CALBEDAR TBAR PREIODS BHDED DBCBHBER 31, 1988 AMD 1989

## **************

TOFAL
************

| TOTAL PAYROLL COST APPLICABLE TO PARTS | 83,945 |
| :---: | :---: |
| LOSS MARGIN ON SALE Of PARTS (APPBHDIX 12) | 49,055 |
|  | 133,000 |
| LPSS; TAX PPFBCT $25 \%$ | $(33,250)$ |
| HRI COST APTER IAXES | \$99,750 |

ASSOUPTIORS
 DATED ADGOST 1988
bxdos and nezron arr canadian confrolled privitr corporafions IH ONTARIO RLIGIBLE POR THB SMALL BDSIHESS DEDCCTIOH OR 25\%.

Suioron leparme this 24 HC day of Aped, 1990 . DONALD D. BANKS, CAA.
 Empires Finery 10, 1801
Mr. Banks joined the firm as our forensic auditing specialist in January 1986. Mr. Banks has 32 years' experience as a Chartered Accountant, most of them with Revenue Canada, Taxation. Included in his experience at Revenue Canada were terms in middle and senior management positions such as:

```
Tax Avoidance Project Leader (Hamilton)
National Audit Project Co-ordinator
Chief of Special Investigations (Hamilton)
Chief of Basic Files (Hamilton)
Chief of Complex Investigations (Toronto)
Chief (Director) of Investigations (Canada)
Special Advisor to the Deputy Minister (Security)
Director of Security
```

In the latter three positions he was responsible for developing and recommending policy for the Department in respect of audit and investigation techniques and programs, liaising with the Internal Revenue Service, U.S.A. in exchange of information programs and development of a program for Simultaneous Investigations under the tax treaty, representing Canada at the O.E.C.D. in Paris in respect of tax treaties and exchange of information, developing policies for security of information, personnel and property and organizing and staffing the Security Division.

## Special Expertise

```
* Forensic auditing
\circ Investigations involving fraud
- Testimony
* Teaching forensic auditing
```

While in the Special Investigations Division of Revenue Canada, Taxation, he conducted or managed approximately 150 tax investigations of which over 100 went to prosecution with a conviction rate of over $97 \%$. As an investigator or supervisor directly involved in the trials, Don testified in 29 contested cases where the defendent was found guilty.

Since 1961 Don has pioneered the use of Forensic Auditing practices in criminal court, establishing Investigation Auditing Techniques to accumulate evidence sufficiently admissible to prove that a particular person, group or corporation was involved in an offence. These techniques included the use of cash flow, source and application of funds, comparative net worth, statistical projections and oral chains of evidence to establish facts beyond a reasonable doubt where documentary evidence was not available.

In civil court matters Don has testified at District Court, Federal Court and Supreme Court of Ontario. He has assisted counsel at the Ontario Court of Appeal and has assisted and testified at many Examinations for Discovery.

## Clients Served

In addition to various police forces in criminal investigations major clients have been law firms where he has provided assistance in civil and criminal matters such as:

```
- loss of income and claims for damages due to negligence, accidents or
    breach of contract;
- tracing income or assets believed to have misappropriated by
    managers, trustees or employees;
- family law investigations to trace excluded property, evaluate
    businesses and make section 6 elections (F.L.A.);
- income tax prosecution defences;
- tracing of misuse of government funds.
```


## Education and Professional Designations

```
O C.P.A., University of Toronto, 1957
O C.A., Institute of Chartered Accountants of Ontario, }196
```

tel.: (613) 521-4364
Né le 17 avril 1959 à Rockland, Ontario Langues: français et anglais (parlé et écrit) Marié

Judicial District of Orme-Carleton. Ior DELOITTE : TOUCHE. Chanered Accountants ant DELOITIE \& TOUCHE MC. Tussiee in Bankupar Expines Fobruary 18, 181

## ETUDES ET DIPLOMES

Ordre des Comptables Agréés du Québec
Obtenu officiellement la désignation professionnelle de comptable agréé le 6 janvier 1987.

Institut Candien des Comptables Agréés
Réussi les examens uniformes finaux du C.A. et terminé mon stage d'apprentissage en décembre 1986.

Université du Québec à Hull
Module des Sciences comptables - "coaching" de l'été 1986 en vue de la préparation des examens uniformes finaux.

## Université d'Ottawa

Faculté d'Administration, Baccalauréat avec spécialisation en sciences commerciales avec mention Cum Laude (avril 1984)

Faculté d'Administration, Baccalauréat en administration avec mention Cum Laude (avril 1983)

## EXPERIENCE

Depuis février 1989
Maheu Noiseux-Collins Barrow (fusionné au groupe Deloitte \& Touche)
Chef d'équipe, responsable de la vérification d'une grande société de la couronne. Responsable de la planification, coordination et révision des dossiers de petites et moyennes entreprises. Responable de la gestion du personnel de son équipe et de la planification générale du bureau. Coordonateur du programme français de formation de l'examen final uniforme.

Novembre 1987 à janvier 1989
Bureau du Vérificateur Général du Canada Vérificateur, membre de l'équipe des sociétés de la couronne. Participation à la vérification d'une grande société de la couronne. Participation à la vérification d'un petit minitère lors de la vérification des comptes publiques. Participation à deux projets spéciaux.

Juillet 1986 à novembre 1987
Samson Bélair
Premier vérificateur, dirige une équipe de vérificateurs assignés à une moyenne entreprise. Participe à la planification, coordination et révision des dossiers. Participation à la vérification d'un minitère lors de la vérification des comptes publiques. Membre de l'équipe fiscale.

Juillet 1985 à juin 1986
Samson Bélair
Vérificateur adjoint, exécution des mandats de vérification et de comptabilité de courte durée dans les petites entrprises. Exécution, sous supervision, de travaux plus complexes dans des moyennes entreprises. Initiation aux autres services offerts par le cabinet.
Membre de l'équipe fiscale.
Septembre 1984 à juin 1985
Samson Bélair
Stagiaire, responsable de travaux simples de comptabilité et
vérification sous surveillance. Membre de l'équipe fiscale.
Mai 1983 à avril 1984
Service de consultation aux petites entreprises de l'Université d'Ottawa
Consultant, conseiller les dirigeants de petites entreprises dans les diverses fonctions de la gestion et de leur entreprise, plus spécifiquement;
Gestion de l'encaisse et planification financière
Système de tenue de livres
Controle des stocks
planification du marketing, distribution et promotion
1979 à 1983
Boutique Zodiaque
Teneur de livre (temps partiel)

## ACTIVITES ET INTERETS

Chargé de cour à l'Université d'Ottawa (été 1987) Bricolage et rénovations domiciliaires Photographie amateur Musique: piano, orque et piano électrique Golf, sqash, racket-ball, ski alpin

