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## Redaksioneel

Dit is eintlik moeilik om te glo dat die eerste deel van hierdie jaar reeds agter die rug is! 'n Mens kan maar net vertrou dat die res van die jaar dalk bietjie stadiger sal gaan en dat meer dinge gedaan kan word

Vir die van u wat gewonder het oor die Junie *Tambotie* kan ek slegs die gerusstelling gee dat daar nie so 'n uitgawe was nie. Die afgelope tien of twaalf jaar (ek kan nie mooi onthou hoe lank werklik nie) het ek daarin geslaag om elke maand 'n *Tambotie* uit te kry. Hierdie keer het dinge my egter ingehaal en ek vra verskoning daarvoor. Ek moet egter noem dat slegs drie lede navraag gedoen het, so dit lyk nie of die affêre werklik gemis is nie.

Met my "afwesigheid" het ek niks meer om vir hierdie maand aan te bied as dit wat ek met die goedgunstigheids van andere ontvang het nie. Dit word vertrou dat 'n groot aantal van ons lede aan projek plank, wat hierdie maand op die agenda is, sal deelneem. Verder moet almal tog maar kennis neem van die uitstalling wat, weens die wêreldbeker rugby, nou in Augustus gaan plaasvind! Die tyd is min en ons wil, soos verlede jaar, poog om weer eens op ons vorige poging te verbeter. Vergeet die koue en maak items sodat ons 'n grootse skou vir almal kan aanbied.

## Programme for July

Due to the fact that some of the inputs received arrived a bit late only the following is still of interest:

- Saturday, 23 July, at 09 h 00, the turners will meet at Dries du Toit's. The address is 80 Livingstoneweg, Lyttleton Manor. Telephone 012 664 2399. Home work for the day is a multi centre piece or your own choice. Members will have the opportunity to evaluate turned pieces according to the criteria that was drawn up previously. Jack Munting will also demonstrate how to turn bottle stoppers.
- Wednesday, 27 July, at 18 h 00: The monthly meeting of the association will be held at the Botany Laboratory, University of Pretoria. The theme for the evening is: Aids and Gadgets as well as Project Plank.

## From the chair

My overseas visit is over, but not forgotten. I showed a few slides at the last monthly meeting of some wood-related issues we saw in Switzerland.

Shortly after our return, we were greatly saddened by the sudden passing of Brian Addis who was a prominent member of our Association. I was greatly honoured when Helene Addis asked me to say a few

words from the Association perspective at Brian's funeral. It was gratifying that there was a large attendance of Association members and spouses at the service. The tribute which I made is copied in this edition of *Tamboe*.

Please remember Project Plank and Aids and Gadgets for the July meeting. The New Hope School really will make great use of the toys and also the special chairs.

Congratulations to At Smit on his excellent exhibition of turned items which was held at the Association of Arts Gallery Nieuw Muckleneuk from 3 June to 22 June.

Die Bestuurskomitee was hierdie maand hard besig met voorbereidings vir die **Uitstalling op Saterdag 27 Augustus 2011**. Lede word versoek om jou uitstalstukke vroegtydig voor te berei.

Die program tot die einde van die jaar is feitlik gefinaliseer en daar is 'n verskeidenheid van onderwerpe. Besonderhede veskyn op die webblad.

Paul Roberts

Voorsitter / Chairman

### **Brian Addis: Tribute**

Brian and I had a lot in common. We both studied civil engineering at the University of Pretoria. I was one year ahead of Brian. We both were interested in woodwork from an early age and joined the Woodworking Association of Pretoria rather late in our careers or after retirement. Brian joined the Association in May 2002 and I joined it exactly a year later. Both of us expressed regret that we did not join earlier as the Association has been such a wonderful source of friendship and of information. I guess we

were both very engaged in our engineering careers.



Brian's interest in woodwork was particularly in cabinet making and here he had a very high skill. When visiting the Addis' home you will see excellent handmade furniture beautifully finished and chairs which are comfortable to sit in. Brian soon became very active in the Association and was Secretary for a number of years and was meticulous in this activity. He was also a leading member of the Cabinet Makers Group and in recent years was the leader of the group. A favourite meeting place of the Cabinet Makers was in Brian's well-equipped workshop where he and Helene supplied us with excellent refreshments.

Brian had numerous positive attributes which came to the fore in the Woodworking Association. He had a very high ethical standard and was not reticent in giving guidance in such issues for corporate matters. Brian was a person who was humble and although an expert in matters woodwork, always said after a presentation "*you can always learn something*". He was always willing to impart his knowledge to others and guided many persons in the Association on

techniques. Brian cared for people, a good example of which is the project that the Association has to supply the New Hope School with a special chair for the young scholars. Brian improved the design of the chair and prepared an excellent plan with a flow diagram detailing the steps in typical engineering fashion. He then went on to make, in record time, a trial chair.

In recent years Brian specialised in wooden mechanical toys presumably because their home was full of his furniture. He enjoyed demonstrating these toys to fascinated children at various Exhibitions. The teacher in him came out on these occasions and he would test the children by asking them to tell him how the apparatus functioned. One of the last items he made was a functioning wooden clock where he made all of the gears with great engineering precision.

I received a large number of messages from our members of the Woodworking Association and the general thread was one of loss of a wonderful craftsman and a gentleman. We will all miss Brian as a true friend and colleague.

Thank you.

Paul Roberts

Chairman: Woodworking Association of Pretoria

## Vorige maandvergadering

Lou Coetzer

### AFWERKING (FINISHING) – 29 Junie 2011

Die onderwerp vir die afgelope maandbyeenkoms was AFWERKING. Aangesien dit die belangrikste laaste fase van elke houtwerker se werkmethode is, was hierdie

onderwerp gewis gepas en interessant, ongeag welke tipe houtwerk beoefen word. Die verrigtinge was in die vorm van 'n groepsbespreking wat deur drie sprekers voorafgegaan is. Die drie sprekers was Willie Marneweck, Alexey Migachev en At Smit.

Die voorsitter, Paul Roberts, het die bespreking ingelei deur na die belangrikheid van 'afwerking' in die algemeen en die toepassing daarvan by meubels en draaiwerk in die besonder te verwys.

Willie Marneweck het aangesluit met verwysing na verskillende terme soos "voorafwerking" en "finale afwerking" met die rol en betekenis van elkeen in die meubelbedryf. Verder het hy aspekte beklemtoon soos die uitsoek van die hout, die noukeurige let op die snylys, die vooraf-afwerking van sekere vlakke soos die koplante van sekere planke en dele wat later moeilik geskuur kan word.



Toe het hy die gebruik van soorte skuurmasjiene, soorte skuurpapier en versigtigheid met die oormatige gebruik van lym beklemtoon. Al hierdie inligting en wenke was duidelik die gevolg van jarelange ervaring wat eerstehands opgedoen is. Willie het sy praatjie afgesluit met 'n verwysing na die gebruik van byts ("stains") en gewys op die soorte wat tans beskikbaar is asook die

probleme en slaggate waarvoor uitgekyk moet word.

Vervolgens het Alexey aan die beurt gekom en hy het sy hele praatjie aan lakpolering (“French Polishing”) gewy. Nadat hy die vervaardiging van skellak (“shellac”) verduidelik het, het hy die meng en aanwending van lakpolitoer op drie voorbereide planke gedemonstreer. Hy het die feit beklemtoon dat die voorbereiding van die hout en aanwending van die lakpolitoer ‘n stadige en moeisame proses is, maar dat die eindresultaat altyd die moeite loon.



Laastens het At Smit aan die beurt gekom en beklemtoon dat die afwerking van draai-items geensins van die voorbereiding en afwerking van die hout vir meubels verskil nie. Trouens daar is ‘n baie groot ooreenkoms. Die tipe afwerking word soms deur die gebruik van die draai-tem bepaal. So sal die afwerking van ‘n gebruiksartikel wat baie hanteer word, verskil van dié van ‘n kunstuk wat selde hanteer word. At het skuurwerk met die hand asook die gebruik van handskrapers uitgelig. Hy het ook die verskil tussen glansvernis met ‘n hoë konsentrasie poliuretaan en matvernis met ‘n lae konsentrasie poliuretaan verduidelik. Beide soorte het ‘n plek en doel in afwerking.



Tydens vreesessie daarna, het al drie sprekers interessante vrae uit die gehoor gekry en beantwoord. Hieruit het ondermeer geblyk dat die gebruik van ‘n baie bekende meubelpolitoer wat net opgespuit en afgevee word, baie problematies is vir wanneer daardie hout later vir ‘n nuwe afwerking voorberei moet word. Die aanbeveling was dan ook dat dit beslis ‘n “No, no” is en liefs vernis moet word.

## Draaiers se hoekie

Die vorige vergadering van hierdie groep het iewers van die tafel afgeval. Hoe dit ook sy, kan gerapporteer word dat At Smit ‘n baie geslaagde uitstalling by die Kunstgalerie gehad het. Die geleentheid was onder andere ook op TV 2 vermeld en sodanig het At goeie publisiteit geniet.

Hiermee net ‘n paar foto’s van die geleentheid. *(Foto’s deur Paul Roberts en Leon Wolmarans)*



‘n Oorsig van die uitstalling

## Cabinet makers

The cabinet makers were quite busy over the last two months. This is an overview of what they were up to.

### Cabinet Makers 14.5.2011

#### Paul Roberts

The Cabinet Makers Interest Group met at Alexander Wildervanck's factory workshop near Rayton and we had a good attendance of 18 persons. We were pleased that several new members joined our group. The topic for the day was **Spray Finishing**.

Alexander has a very well equipped spray booth and adjacent curing room (in retrospect he said is rather too small). The spray booth had been cleaned prior to the visit and several wheelbarrow loads of overspray had been removed. Visits by the group to a member's workshop normally has a benefit in a spring clean! Alexander emphasised that if you do not have a spray booth then do the spraying outside early in the morning before there is any wind or insects.



'n Stuk wat aandag getrek het



Sommige draaiers het ook gaan kyk



At Smit kan met reg tevrede lyk.



**A well-equipped spray booth and curing room**

The different types of spray systems and guns were described. The most useful gun is the gravity fed spray gun and can be bought at a moderate price (R200 –R300) from various suppliers. Alexander uses also an airless system for high productivity. This system

costs between R15 000 to R20 000 and requires different spray nozzles as the spray nozzle shape and distribution cannot be adjusted as in a normal gun.



**Gravity spray gun**

Alexander uses mostly the ChemSpec products such as Woodline Lacquers and ChemThane for very hard surfaces. Extensive use is made of sanding sealers. Julie of the House of Paints, Atterbury Value Mart which retails the ChemSpec products attended the meeting and was most informative about various technical aspects. Mention was made of the need to stir the lacquer, especially if it contains matting paste - a failure to stir will result in a higher gloss finish than desired! Water-based paints have been used increasingly overseas, but to date the local products still require further development. Various stains were mentioned such as penetrating and matching stains. Stains can be applied by spraying followed with a cloth to smooth out the finish.



**Julie discussing technical aspect of ChemSpec products**

Marthinus Snyders then demonstrated the spraying of a panel which had already been treated with sanding sealer. It is much easier to spray horizontal surfaces than vertical ones.



**Spraying a lacquer on a panel**

Full curing takes about 7 days and care must be taken during this period when handling the items as damage can occur.

The group was also shown some of the current projects that Alexander is undertaking such as a very fine cutlery cabinet made from partridge wood (patryshout) and various veneers shown below.



**Cutlery cabinet under construction**

Alexander and his wife hosted us to excellent refreshments during the session, although we found the specially prepared biscuits rather tough on the teeth!



**Tough cookies!**

The Group was most reluctant to depart and we enjoyed a number of discussions on various aspects of cabinet making and a demo on the cutting of veneer.

## Kabinetmakers Werks- winkel Saterdag 11 Junie 2011

Klaas Coetzee

Saterdag oggend het die kabinetwerkers groep by Brian Addis se werkswinkel vergader, vir 'n opwindende en opvoedkundige bespreking as ook demonstrasies in verband met bandsae, hul nut en toepassing.

Met die eerste demonstrasie het Brian getoon hoe om sirkels met die hulp van 'n setmaat te sny. Die setmaat bestaan uit 'n verstelbare arm wat in skuif op 'n werksplatform wat op die bandsaag se blad aangebring is. Deur die verskuiwing van die arm kan verskillende groottes gesny word, dit word wel beperk deur die breedte van die saaglem. Wat wel belangrik is, dat die spilpunt gelyk moet wees aan die voorkant van die lem.

Die tweede demonstrasie was om tappe te saag, hierdie was ook gedoen met behulp van 'n setmaat. Die uithol van die tappe word oorgelaat aan jou eie metode, hetsy jy dit uitkap met beitels of verder uitsaag. Daarna kan die vorm met behulp van 'n merkmes op 'n ander plank oorgedra word,.

Die groep se interaksie was goed. Vra in verband met lemspanning het onder andere uit die bespreking voorgekom, en dat dit glad nie nodig is om die lemspanning na 'n werksessie af te stel nie, aangesien die lem van die bandsaag nie rek nie. Die volgende besprekingspunt was oor die verskillende

lemme wat beskikbaar is. Ten eerste ook die antal tande per duim. Wat wel belangrik is in die bepaling van 'n geskikte lem, is die dikte van die hout. Daar word aangeneem dat minstens drie (3) tande binne die hout moet wees, vir n' volhoudende snit.

'n Praktiese demonstrasie is daarna deur Douglas gelewer; hoe om 'n saaglem te las. Die lem word skuins gevyl, teen 'n helling van ongeveer twintig grade (20°), met die hulp van 'n setmaat, of geskatte skuinste. Daar moet noukeurig gelet word dat die anderkantste punt van die lem aan die regetekant gevul word. Die posisie van die tande is ook belangrik.

n' Goeie wenk is; dat die lem effens gebuig moet word aan beidekante, so dat die punte teen mekaar druk om 'n beter kontak te verkry.

Dit is ook n' feit; dat deur die lem skuins te las, vergroot die werklike aansluitings oppervlakte van die las, ongeveer drie (3) maal, in vergelyking met 'n regaf las of "Butt Joint". Dit is raadsaam om die "flux" poeier nat te maak en aan beide kante van die skuinsgevyelde oppervlakte aan te wend, aangesien die silwer soldeersel nie bind met die lem as daar nie "flux" teenwoordig is nie. (*Flux=smeltmiddel-Red*) Wanneer die lem warm is vloe die silwer soldeersel in, laat die lem dan afkoel op eie tyd. Daarna moet dit weer plat gevyl word, maak seker dat die vyl vir hierdie taak skerp is.

In die bring en wys geleentheid, het Douglas sy selfvervaardigde opvou kamptafel gewys, Brian het 'n demonstrasie gelewer; hoe om 'n tafel saag in te stel, deur die saag van 'n vierkant, wat in 'n vorige uitgawe van *Tambotie* bespreek was.

Klaas het die "pocket hole" setmaat gedemonstreeer.

Die saamkoms is afgesluit met verversings, wat voorsien was deur Brian en sy gade en hulle was hartlik daarvoor bedank.

### Opsomming

- Indien jy bandsaag lemme wil bekom, kan jy 'n rol aanskaf, wat verkrygbaar is by Gem Tool te Silvertondale, verwys na die "waar bekom" lys vir verdere inligting.
- "Skip Tooth" lemme is verkrygbaar van AUSTRO.
- Don Moody het las pakkette beskikbaar, wat die flux en silwer soldeersel insluit.
- Indien iemand inligting kan verskaf in verband met band-saag-wiel-bande, die verkryging en opsit daarvan, word daar van u versoek om die inligting aan ons web opsteller, Leon Wolmarans, oor te dra.
- Die vervaardiging van die las setmaat kan jou volgende uitdaging wees.

Ten slotte, die Stoel projek vir Nuwe Hoop Skool, net die volgende, die sitplank van die stoel is beskikbaar by Brian.

## Die maak van speelgoed

Elsabe Vermaak

*Hieronder volg 'n artikel oor speelgoed in die breë, soos deur Elsabe Vermaak nagevors en aangebied. Dit is seker meesal vir 'n grootmens moeilik om aan speelgoed te dink, veral as 'n mens self iets moet ontwerp en vervaardig. Hierdie Artikel deur Elsabe kan baie doen om idees te vorm as 'n mens belang sou stel om ook speelgoed te maak.- Red*

Ek het my soektog begin deur die name in te tik van speelgoed wat ek uit my kinders se jong dae onthou, soos Tinkertoy en Meccano. Albei die vervaardigers bestaan nog, en gee nie veel inligting oor speelgoed wat veertig, vyftig jaar oud is nie. 'n Soektog na 'vintage toys' het beter resultate gelewer, en ek noem 'n paar webblaaië waar ek vasgehaak het.

- Timewarp Vintage Toys (<http://www.timewarptoy.com>) is 'n blad wat speelgoed verkoop van die vyftigerjare en later, en daar is honderde foto's, hoewel nie slegs van houtspeelgoed nie.

Ek onthou dat een van my vroegste speelgoed 'n rits blokkies was wat ek later gehoor het, Jacob's Ladder genoem is. Instruksies daarvoor is onder andere te kry by die volgende blad:

<http://www.woodcraftarts.com/jacob.htm>

- Nog 'n winkel van ou speelgoed is Where The Toys Are (<http://wherethetoysare.com>). Helaas, nie veel hout artikels nie.



Die volgende blad is interessant daarin dat die patentnommer en planne van sommige speelgoed verskaf word. Die belofte is dat die planne afgelaai kan word as mens dit wil lees. Ek het probeer om een plan oop te maak, maar was nie suksesvol nie. Die proses het by een stap vasgehaak en wou nie verder vorder nie. Hier volg 'n uittreksel uit die blad:

<http://www.jitterbuzz.com/indtoy.html>

Ideal Toys' "Mr. Machine"

**Mr. Machine** was a mechanical toy originally manufactured by the Ideal Toy Company in 1960.



Presenting "Mr. Machine"  
Click to enlarge the photo

This is a robot-like figure in the shape of a man wearing a top hat, with mouth fixed in a permanent grin. The head was attached to a mechanical body that had a giant windup key at the back. When the toy was wound up it would "walk", repeatedly ring a bell mounted on its front and after every few steps emit a mechanical "Ah!", as if it were speaking (or belching). The toy stood about 18 inches tall. Here is a [video](#) of Mr. Machine in action and [here](#) is a commercial for the toy.

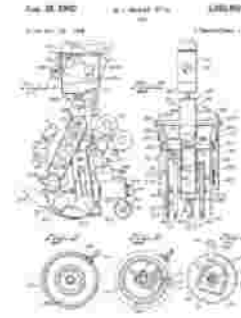
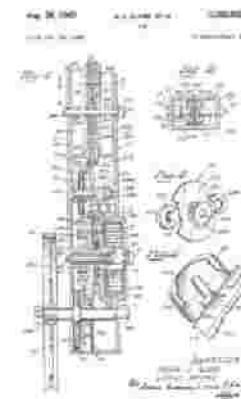
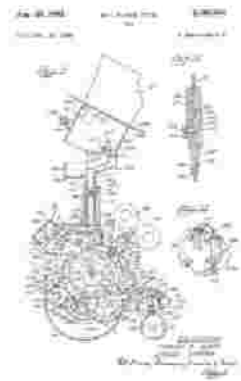


Fig. 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000



Patent No 3,050,900 for the "Mr. Machine"  
Toy

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patent drawings

Mr. Machine was invented by Marvin Glass and Leonid Kripak, both known for creating clever playthings. Here's what the patent description says:

*"... This invention relates generally to, and has for its principal object, an animated toy. More particularly, the invention relates to, and has*

*for a further object, a mobile toy including a construction and arrangement of the parts which can be readily assembled and disassembled, which resembles a mechanical man incorporating various interest attracting features, and which are generally fabricated of translucent, differently colored plastic materials so that a fascinating mechanical, multicolored activity is observed during operation of the top. A still further object of the invention is the provision of a toy of the type described which is of inexpensive construction, which has educational value in developing the mechanical skill of a child through assembly, disassembly and operation of the toy, and which will attract and maintain the attention of children over an extended period of time..."*

What does this mean? The child could not only see all its mechanical parts, but also take the toy apart and put it back together easily, like a Lego toy or a jigsaw puzzle. Indeed, creative, mechanically minded children -- the backbone of our society -- were drawn to the toy and it became one of Ideal's most popular toys

There is an anecdotal story about how the toy got its name: Marvin Glass was a workaholic toy inventor. So much so, that he often did not spend enough time with his wife. During an argument over Marvin's work habits, Mrs. Glass shouted "You are always working, inventing! You are Mr. Machine!". And so a great toy name was coined by Mrs. Glass.

- Antique Toy Collections (<http://www.antiquetoycollections.info>) het skakels na meer as 250 speelgoed vervaardigers en katalogusse van sommige winkels wat dateer uit die 1930's.

Die webblad All About Old Toys (<http://www.oldwoodtoys.com/>) het 'n baie omvattende lys van onderwerpe met betrekking tot speelgoed, asook skakels na verwante blaaië. Daar is artikels oor speelgoed bygedra deur versamelaars en kenners; onder andere 'automata', Punch and Judy, hout treine en sirkuspoppe. Daar is ook

'n lys van vervaardigers met skakels na die webblaaie.





Fotosearch(  
<http://www.fotosearch.com/photos-images/vintage-toys.html>) verkoop foto's van ou speelgoed en het 'n versameling van 2800 foto's. Al wil mens nie koop nie, is daar waardevolle voorbeelde van speelgoed uit toeka se dae.



Daar is ook skakels na 13 maatskappye wat tans speelgoed in die antieke styl maak.

Die Wooden Toy Shop (<http://www.woodentoys-shop.com/>) is een daarvan.



Hulle het onderafdelings soos Take apart Build up Discovery toys, Educational toys of Motion, en Czech Toy Wooden Mobiles. (voorbeeld bo)

Die inligting vervat op hierdie webblaaie is so omvattend en oorweldigend, dat mens nie reg daaraan kan laat geskied om dit te probeer reduceer nie. Dit neem ure om alles deur te blaai, en ek het nog nie eers aan alles geraak nie.

As gevolg van onvoorsiene persoonlike omstandighede kon ek nie meer tyd aan navorsing oor hierdie onderwerp afstaan nie, maar ek glo die skakels genoem, veral All About Old Toys (<http://www.oldwoodtoys.com/>) sal genoeg material bevat om almal te inspireer en idees te gee.

Vir meer skakels soek op enige soekenjin na 'vintage toys'.