

# **Exhibit 16**

**Reports Generated from PTO's Model (June 2005 though July 2007), A05641-5721**

**Part 2: A05681-5721**

SUMMARY FY 2006 ACTUAL DATA  
4/3/07 12:15 08CONG.P16

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	5,970	6,487	6,953	7,374	7,751
PROF W-Y	3,804	4,444	4,788	5,411	5,992	6,471	6,907	7,299
# HIRED	959	1,193	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	510	511	580	643	699	749	793
Net Positions	534	683	689	620	557	501	451	407
OVERTIME(K)	12,225	15,031	17,520	20,215	22,900	25,200	27,500	29,630
OT HOURS	278,669	341,760	383,118	432,962	480,386	517,772	553,319	596,177
# BOY NEW	508,878	574,922	674,333	789,434	893,580	994,654	1,101,400	1,218,269
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.54	11.63	11.73	11.84	11.94
RECEIPTS TO BE EXAMINED	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
REG PROD	275,008	298,937	313,578	357,503	396,707	430,862	464,127	495,194
TOT PROD	288,315	315,019	331,607	377,877	419,313	455,227	490,165	523,249
DISPOSALS	279,345	309,689	324,975	370,300	410,900	446,100	480,400	512,800
FIRST ACTS	297,285	320,349	338,239	385,454	427,725	464,355	499,931	533,698
PEND FA	21.1	22.6	23.7	23.9	24.1	24.6	25.2	25.8
PEND IS/AB	29.1	31.1	33.0	34.7	34.9	35.1	35.6	36.2
# SPE'S	294	365	415	460	500	535	565	595
#PATS PRTD	152104	164,115	177,397	188,903	210,849	230,071	248,232	265,524

**1,200 Examiner Hiring Levels**  
**FY 07 Overtime 80 hours per examiner FTE**  
**FY 08/12 2% efficiency for Claims**  
**FY 08/12 allowance rate is 54%**

**FY 07/12 Attrition rate 10%**  
**FY 07/12 Filing rate 8%**  
**Chap I reduction 25%-07 50%-08 75%-09/12**  
**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor  
PCT Outsourced Savings FY 07/12  
1% Application Abandonments from OIPE

**08CONG.P16 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>		
<b>Receipts:</b>										
UPR Filings growth @ 8% FY 07/12	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100		
Less 1% for discontinued continuation										
Less 10% for accelerated examination										
add back 20% of 5% of FY 09										
add back 20% of 5% of FY 10										
add back 20% of 5% of FY 11										
<b>UPR Filings</b>		419,760	453,340	489,600	528,800	571,100	616,800	666,100		
Less Abandonment Rate 1% during initial		4,198	4,533	4,896	5,288	5,711	6,168	6,661		
<b>UPR Filings TO BE Examined</b>		415,562	448,807	484,704	523,512	565,389	610,632	659,439		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%		
<b>Overtime hours per examiner</b>		80	80	80	80	80	80	80		
<b>Production Rates:</b>										
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%		
<b>Efficiency Gains</b>		0.0	0.0	2.0%	2.0%	2.0%	2.0%	2.0%		
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year						
	Actual	Actual	Actual							
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	25.1	25.0	24.8	24.7
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	34.1	33.9	33.8	33.6
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	49.9	49.6	49.4	49.1
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	53.1	52.8	52.6	52.3
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	65.6	65.3	64.9	64.6
GS-13	81	79.4	77.0	77.0	76.2	77.4	77.0	76.6	76.2	75.8
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	87.9	87.4	87.0	86.6
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	92.3	91.8	91.4	90.9
<b>Patent Cooperation Treaty (PCT):</b>										
PCT Chapter I PUs redirected (paralegal)										
Chap I reduction 25%-07 50%-08 75%-09/12										
Chap II reduction 25%-08 50%-09/12										
Total PCT PU savings		913	977	2,690	6,725	11,231	11,960	12,732	13,551	
Examiner PCT PUs		14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	
Examiner FTE		158	144	133	97	56	59	62	65	
<b>Examiner FTE lost/taken out of the examining corps:</b>										
Part-time			44	44	44	44	44	44	44	
Quality initiatives			12.7	0	0	11	22	27	28	
SP Quality Initiatives				19	39	34	34	34	34	
New Hire trainers			29	15	15	15	15	15	15	
CLE Training			2	4	6	8	10	12	14	
Exmr Tech Trng 8 hrs			20	3	6	9	11	13	15	
<b>Allowance Rate</b>		53.6%	60.0%	54.0%	54.0%	54.0%	54.0%	54.0%	54.0%	

PT actual number based on 60% TOD  
 Quality Initiatives 55 hours per GS-12  
 SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation  
 New Hire trainers are additional over FY 06 level.  
 CLE Training 2 FTE over base each year  
 Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
3/29/07 12:15 08CONG.P15

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Net Positions	534	683	689	620	557	501	451	407
OVERTIME(K)	12,225	15,031	17,520	20,215	22,900	25,200	27,500	29,630
OT HOURS	278,669	341,760	383,118	432,962	480,386	517,772	553,319	596,177
# BOY NEW	508,878	574,922	674,333	789,434	893,580	994,654	1,101,400	1,218,269
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DISPOSALS	279,345	309,689	324,975	370,300	410,900	446,100	480,400	512,800
FIRST ACTS	297,285	320,349	338,239	385,454	427,725	464,355	499,931	533,698
PEND FA	21.1	22.6	23.7	23.9	24.1	24.6	25.2	25.8
PEND IS/AB	29.1	31.1	33.0	34.7	34.9	35.1	35.6	36.2
# SPE'S	294	365	415	460	500	535	565	595
#PATS PRTD	152104	164,115	177,397	202,895	226,467	247,113	266,619	285,192

**1,200 Examiner Hiring Levels**  
**FY 07 Overtime 80 hours per examiner FTE**  
**FY 08/12 2% efficiency for Claims**

**FY 07/12 Attrition rate 10%**  
**FY 07/12 Filing rate 8%**  
**Chap I reduction 25%-07 50%-08 75%-09/12**  
**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor  
PCT Outsourced Savings FY 07/12  
1% Application Abandonments from OIPE

**08CONG.P15 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>		
<b>Receipts:</b>										
UPR Filings growth @ 8% FY 07/12	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100		
Less 1% for discontinued continuation										
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add back 20% of 5% of FY 09										
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add back 20% of 5% of FY 11										
<b>UPR Filings</b>		419,760	453,340	489,600	528,800	571,100	616,800	666,100		
Less Abandonment Rate 1% during initial		4,198	4,533	4,896	5,288	5,711	6,168	6,661		
<b>UPR Filings TO BE Examined</b>		415,562	448,807	484,704	523,512	565,389	610,632	659,439		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%		
<b>Overtime hours per examiner</b>		80	80	80	80	80	80	80		
<b>Production Rates:</b>										
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%		
<b>Efficiency Gains</b>		0.0	0.0	2.0%	2.0%	2.0%	2.0%	2.0%		
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year						
	Actual	Actual	Actual							
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	25.1	25.0	24.8	24.7
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	34.1	33.9	33.8	33.6
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	49.9	49.6	49.4	49.1
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	53.1	52.8	52.6	52.3
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	65.6	65.3	64.9	64.6
GS-13	81	79.4	77.0	77.0	76.2	77.4	77.0	76.6	76.2	75.8
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	87.9	87.4	87.0	86.6
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	92.3	91.8	91.4	90.9
<b>Patent Cooperation Treaty (PCT):</b>										
PCT Chapter I PUs redirected (paralegal)										
Chap I reduction 25%-07 50%-08 75%-09/12										
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Examiner PCT PUs		14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	
Examiner FTE		158	144	133	97	56	59	62	65	
<b>Examiner FTE lost/taken out of the examining corps:</b>										
Part-time			44	44	44	44	44	44	44	
Quality initiatives		12.7	0	0	11	22	27	28	28	
SP Quality Initiatives			19	39	34	34	34	34	34	
New Hire trainers		29	15	15	15	15	15	15	15	
CLE Training		2	4	6	8	10	12	14	14	
Exmr Tech Trng 8 hrs		20	3	6	9	11	13	15	15	
<b>Allowance Rate</b>		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
 3/12/07 17:15 08CONG.P13 Patentability Reports 15% Efficiency Gain

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	6,156	6,841	7,457	8,012	8,516
PROF W-Y	3,804	4,444	4,788	5,466	6,226	6,864	7,442	7,968
# HIRED	959	1,193	1,200	1,400	1,400	1,400	1,400	1,400
# ATTRITED	425	510	511	580	663	737	802	857
Net Positions	534	683	689	820	737	663	598	543
OVERTIME(K)	12,225	15,031	17,520	25,500	29,700	33,400	37,000	40,400
OT HOURS	278,669	341,760	383,118	546,155	623,033	686,254	744,466	812,877
# BOY NEW	508,878	574,922	674,333	789,057	896,010	909,133	818,292	725,561
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.48	11.49	11.57	11.68	11.8
RECEIPTS	384,228	419,760	457,538	448,845	489,241	533,273	581,268	633,582
RECEIPTS TO BE EXAMINED	384,228	419,760	452,963	493,730	489,857	482,240	562,555	627,246
REG PROD	275,008	298,937	313,578	353,537	438,048	529,597	607,410	657,231
TOT PROD	288,315	315,019	331,607	379,238	467,367	561,891	642,443	695,484
DISPOSALS	279,345	309,689	324,975	371,700	458,000	550,700	629,600	681,600
FIRST ACTS	297,285	320,349	338,239	386,777	476,733	573,081	655,286	709,367
PEND FA	21.1	22.6	23.7	23.7	23.8	21.9	17.0	15.2
PEND IS/AB	29.1	31.1	33.0	34.7	34.7	34.8	32.9	28.0
# SPE'S	294	365	415	474	526	573	616	655
#PATS PRTD	152104	164,115	177,397	203,493	246,669	298,147	344,662	377,816

FY 09 Claims Continuations and IDS 2%

Renegotiate bonus FY 10/12 2%

FY 08/10 Flat goal .5% FY 11/12 5%

1,400 Examiner Hiring Levels

FY 08/12 Overtime 100 hours per examiner FTE for lap top pilot and Hoteling

FY 09 - 7.5% / FY 10/12 - 15% (Total) Efficiency Gain

FY 09 5% - FY 10/12 10% Application Filing Drop Out Rate

FY 09/10/11 - One Time 10% Inventory Drop Out reduced over 3 years

FY 07/12 Attrition rate 11%

FY 07/12 Filing rate 9%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE

**08CONG.P13 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>		
<b>Receipts:</b>										
UPR Filings growth @ 9% FY 07/12	384,228	419,760	457,538	498,717	543,601	592,525	645,853	703,980		
Less FY 09 5%-FY 10/12 10% for Drop					27,180	59,253	64,585	70,398		
Less 10% of FY 08 Backlog (800K) 80K total Based on 10% of FAs until reduction is met					21,400	45,700	12,900			
<b>UPR Filings</b>	419,760	457,538	498,717	516,421	533,273	581,268	633,582			
Less Abandonment Rate 1% during initial	4,198	4,575	4,987	5,164	5,333	5,813	6,336			
<b>UPR Filings TO BE Examined</b>	<b>415,562</b>	<b>452,963</b>	<b>493,730</b>	<b>489,857</b>	<b>482,240</b>	<b>562,555</b>	<b>627,246</b>			
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
<b>Attrition rate:</b>	10.6%	10%	11%	11%	11%	11%	11%	11%		
<b>Overtime hours per examiner</b>		80	80	80	80	80	80	80		
<b>Production Rates:</b>										
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%		
<b>Efficiency Gains</b>		0.0	0.0	0.5%	10.0%	20.0%	25.0%	25.0%		
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year						
	Actual	Actual	Actual							
GS-5	25.4	24.1	25.1	25.1	24.8	24.8	27.1	29.5	30.8	30.7
GS-7	31.5	31.4	34.1	34.1	33.8	33.8	36.8	40.1	41.9	41.7
GS-9	50.4	45.3	49.9	49.9	49.4	49.4	53.8	58.6	61.3	61.0
GS-11	62.7	54.2	53.1	53.1	52.6	52.6	57.3	62.4	65.2	64.9
GS-12	68.3	67.1	65.6	65.6	64.9	64.9	70.8	77.1	80.5	80.1
GS-13	81	79.4	77.0	77.0	76.2	76.2	83.1	90.5	94.5	94.1
GS-14	91.5	89.8	87.9	87.9	87.0	87.0	94.8	103.3	107.9	107.4
GS-15	103.1	99.3	92.3	92.3	91.4	91.4	99.6	108.5	113.3	112.8
<b>Patent Cooperation Treaty (PCT):</b>										
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CLE Training			2	4	6	8	10	12	14	
Exmr Tech Trng 8 hrs			20	3	6	9	11	13	15	
<b>Allowance Rate</b>		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	

PT actual number based on 60% TOD  
 Quality Initiatives 55 hours per GS-12  
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3/20/07 12:15 08CONG.P12

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# BOY NEW	508,878	574,922	674,333	789,434	892,257	975,041	1,044,558	1,088,033
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.48	11.49	11.57	11.68	11.8
RECEIPTS TO BE EXAMINED	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
REG PROD	275,008	298,937	313,578	353,537	407,989	459,447	527,080	570,117
TOT PROD	288,315	315,019	331,607	379,238	437,308	491,741	562,113	608,370
DISPOSALS	279,345	309,689	324,975	371,700	428,600	481,900	550,900	596,200
FIRST ACTS	297,285	320,349	338,239	386,777	446,016	501,583	573,325	620,540
PEND FA	21.1	22.6	23.7	24.4	24.6	23.4	22.7	21.9
PEND IS/AB	29.1	31.1	33.0	34.7	35.4	35.6	34.4	33.7
# SPE'S	294	365	415	474	526	573	616	655
#PATS PRTD	152104	164,115	177,397	203,493	234,182	264,802	301,585	330,504

**1,400 Examiner Hiring Levels**

**FY 08 Overtime 100 hours per examiner FTE**

**Gains from Lap Top Pilot and Hoteling - Starting in FY 07**

**Flat Goal Pilot/Claims Continuations & IDS/Examiner Bonus Structure - Starting in FY 08**

**Hire Attorney's Nationwide - FY 08**

**FY 07/12 Attrition rate 10%**

**FY 07/12 Filing rate 8%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE



**08CONG.P12 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>		
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Less 1% for discontinued continuation										
Less 10% for accelerated examination										
add back 20% of 5% of FY 09										
add back 20% of 5% of FY 10										
add back 20% of 5% of FY 11										
<b>UPR Filings</b>		419,760	453,340	489,600	528,800	571,100	616,800	666,100		
Less Abandonment Rate 1% during initial		4,198	4,533	4,896	5,288	5,711	6,168	6,661		
<b>UPR Filings TO BE Examined</b>		415,562	448,807	484,704	523,512	565,389	610,632	659,439		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%		
<b>Overtime hours per examiner</b>		80	80	80	80	80	80	80		
<b>Production Rates:</b>										
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%		
<b>Efficiency Gains</b>		0.0	0.0	0.5%	2.5%	4.5%	9.5%	9.5%		
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year						
	Actual	Actual	Actual							
GS-5	25.4	24.1	25.1	25.1	24.8	24.8	25.2	25.6	26.7	26.6
GS-7	31.5	31.4	34.1	34.1	33.8	33.8	34.3	34.8	36.3	36.1
GS-9	50.4	45.3	49.9	49.9	49.4	49.4	50.1	50.9	53.2	52.9
GS-11	62.7	54.2	53.1	53.1	52.6	52.6	53.4	54.1	56.6	56.3
GS-12	68.3	67.1	65.6	65.6	64.9	64.9	65.9	66.9	69.9	69.5
GS-13	81	79.4	77.0	77.0	76.2	76.2	77.4	78.5	82.0	81.6
GS-14	91.5	89.8	87.9	87.9	87.0	87.0	88.3	89.6	93.6	93.2
GS-15	103.1	99.3	92.3	92.3	91.4	91.4	92.7	94.1	98.3	97.8
<b>Patent Cooperation Treaty (PCT):</b>										
PCT Chapter I PUs redirected (paralegal)										
Chap I reduction 25%-07 50%-08 75%-09/12										
Chap II reduction 25%-08 50%-09/12										
Total PCT PU savings		913	977	2,690	6,725	11,231	11,960	12,732	13,551	
Examiner PCT PUs		14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	
Examiner FTE		158	144	133	97	56	59	62	65	
<b>Examiner FTE lost/taken out of the examining corps:</b>										
Part-time			44	44	44	44	44	44	44	
Quality initiatives			12.7	0	0	11	22	27	28	
SP Quality Initiatives				19	39	34	34	34	34	
New Hire trainers			29	15	15	15	15	15	15	
CLE Training			2	4	6	8	10	12	14	
Exmr Tech Trng 8 hrs			20	3	6	9	11	13	15	
<b>Allowance Rate</b>		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
 3/5/07 17:15 08CONG.P3 Patentability Reports

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	5,922	6,416	6,857	7,251	7,605
PROF W-Y	3,804	4,444	4,788	5,378	5,935	6,389	6,798	7,168
# HIRED	959	1,193	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	510	511	607	668	725	775	819
Net Positions	534	683	689	593	532	475	425	381
OVERTIME(K)	12,225	15,031	17,520	20,215	22,900	25,200	27,500	29,630
OT HOURS	278,669	341,760	383,118	432,962	480,386	517,772	553,319	596,177
# BOY NEW	508,878	574,922	674,333	791,080	785,670	766,559	776,472	823,509
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.54	11.62	11.72	11.82	11.93
RECEIPTS	384,228	419,760	457,538	448,845	489,241	533,273	581,268	633,582
RECEIPTS TO BE EXAMINED	384,228	419,760	452,963	422,957	438,649	515,040	575,455	627,246
REG PROD	275,008	298,937	313,578	365,700	424,420	459,471	493,024	524,662
TOT PROD	288,315	315,019	331,607	386,074	447,026	483,836	519,062	552,717
DISPOSALS	279,345	309,689	324,975	343,781	436,292	462,545	509,707	532,793
FIRST ACTS	297,285	320,349	338,239	428,368	457,760	505,128	528,418	572,642
PEND FA	21.1	22.6	23.7	22.5	20.3	19.0	18.5	18.3
PEND IS/AB	29.1	31.1	33.0	34.7	33.5	31.3	30.0	29.5
# SPE'S	294	365	415	455	493	527	558	585
#PATS PRD	152104	164,115	177,397	191,568	233,532	257,660	281,374	297,795

**1,200 Examiner Hiring Levels**

**FY 07/12 Overtime 80 hours per examiner FTE**

**FY 08 - 5% / FY 09/12 - 10% Efficiency Gain**

**FY 08/12 10% Application Filing Drop Out Rate**

**FY 08/09/10 - One Time 10% Inventory Drop Out reduced over 3 years**

**FY 07/12 Attrition rate 11%**

**FY 07/12 Filing rate 9%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE

**08CONG.P3 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>		
<b>Receipts:</b>										
UPR Filings growth @ 9% FY 07/12	384,228	419,760	457,538	498,717	543,601	592,525	645,853	703,980		
Less 10% for Drop out				49,872	54,360	59,253	64,585	70,398		
Less 10% of FY 08 Backlog (800K) 80K total Based on 10% of FAs until reduction is met				21,400	45,700	12,900				
<b>UPR Filings</b>		419,760	457,538	448,845	489,241	533,273	581,268	633,582		
Less Abandonment Rate 1% during initial		4,198	4,575	4,488	4,892	5,333	5,813	6,336		
<b>UPR Filings TO BE Examined</b>		415,562	452,963	422,957	438,649	515,040	575,455	627,246		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
<b>Attrition rate:</b>	10.6%	10%	11%	11%	11%	11%	11%	11%		
<b>Overtime hours per examiner</b>		80	80	80	80	80	80	80		
<b>Production Rates:</b>										
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%		
<b>Efficiency Gains</b>		0.0	0.0	5.0%	10.0%	10.0%	10.0%	10.0%		
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year						
	Actual	Actual	Actual							
GS-5	25.4	24.1	25.1	25.1	24.8	26.0	27.1	27.0	26.9	26.7
GS-7	31.5	31.4	34.1	34.1	33.8	35.3	36.8	36.7	36.5	36.3
GS-9	50.4	45.3	49.9	49.9	49.4	51.6	53.9	53.7	53.4	53.1
GS-11	62.7	54.2	53.1	53.1	52.6	54.9	57.4	57.1	56.8	56.5
GS-12	68.3	67.1	65.6	65.6	64.9	67.9	70.9	70.5	70.2	69.8
GS-13	81	79.4	77.0	77.0	76.2	79.6	83.2	82.8	82.4	82.0
GS-14	91.5	89.8	87.9	87.9	87.0	90.9	95.0	94.5	94.0	93.6
GS-15	103.1	99.3	92.3	92.3	91.4	95.5	99.7	99.2	98.7	98.2
<b>Patent Cooperation Treaty (PCT):</b>										
PCT Chapter I PUs redirected (paralegal)										
Chap I reduction 25%-07 50%-08 75%-09/12										
Chap II reduction 25%-08 50%-09/12										
Total PCT PU savings		913	977	2,690	6,725	11,231	11,960	12,732	13,551	
Examiner PCT PUs		14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	
Examiner FTE		158	144	133	97	56	59	62	65	
<b>Examiner FTE lost/taken out of the examining corps:</b>										
Part-time		44	44	44	44	44	44	44	44	
Quality initiatives		12.7	0	0	11	22	27	28	28	
SP Quality Initiatives			19	39	34	34	34	34	34	
New Hire trainers		29	15	15	15	15	15	15	15	
CLE Training		2	4	6	8	10	12	14	14	
Exmr Tech Trng 8 hrs		20	3	6	9	11	13	15	15	
<b>Allowance Rate</b>		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%	58.0%	

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2004 ACTUAL DATA  
 6/24/05 12:00 07OMB.P39Emod 06 Pres  
 Budget

YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	673,347	543,549	453,667	333,201	188,042
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410
RECEIPTS TO BE EXAMINED	355,527	376,900	395,709	385,518	355,740	377,076	399,672	423,612	449,064
REG PROD	272,372	277,845	293,432	296,456	391,424	436,042	485,695	531,173	576,801
TOT PROD	287,752	296,535	314,454	315,254	412,751	460,029	512,419	560,335	608,268
DISPOSALS	287,188	295,456	292,536	310,500	406,600	453,100	504,700	551,900	599,100
FIRST ACTS	288,316	297,614	336,371	320,008	418,903	466,958	520,138	568,771	617,436
PEND FA <small>calculated by FA output</small>				22.5	15.6	11.7	7.7	4.0	0.4
PEND IS/AB				31.3	35.2	25.6	21.7	17.7	14.0
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486

Plus #3 Added Assumptions  
 Patentability Reports - 15% gain beginning in FY 07  
 10% Drop out in FY 07 inventory  
 10% reduction in filings from Patentability Reports  
 No Outsourcing of the US Search  
 Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)  
 5% reduction in filings from Continuation Limitation

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires  
 FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Creep  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

<b>Allowance Rate</b>	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%
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**07OMB.P39Emod Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation		2.5%	15.0%	15.0%	15.0%	15.0%	15.0%
<b>UPR Filings</b>		9,988	63,525	67,335	71,370	75,645	80,190
Less Abandonment Rate 1% during		3,995	4,235	4,489	4,758	5,043	5,346
<b>UPR Filings TO BE Examined</b>		<b>385,518</b>	<b>355,740</b>	<b>377,076</b>	<b>399,672</b>	<b>423,612</b>	<b>449,064</b>
<b>10% Inventory Reduction</b>			66,635				
<b>Net Filings</b>			289,105				
<b>Examiner Hires:</b>	860	1,000	1,000	1,000	1,000	1,000	1,000
<b>Attrition rate:</b>	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>		0.025	0.200	0.200	0.200	0.200	0.200
	FY 04						
	Actual		Production Units per examiner per grade per fiscal year				
GS-5	25.4	25.5	30.3	30.2	30.0	29.9	29.7
GS-7	31.5	31.6	37.6	37.4	37.2	37.0	36.8
GS-9	50.4	50.6	60.1	59.8	59.5	59.2	59.0
GS-11	62.7	63.0	74.8	74.4	74.1	73.7	73.3
GS-12	68.3	68.6	81.5	81.1	80.7	80.3	79.9
GS-13	81	81.4	96.7	96.2	95.7	95.2	94.7
GS-14	91.5	91.9	109.2	108.6	108.1	107.6	107.0
GS-15	103.1	103.6	123.0	122.4	121.8	121.2	120.6
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination		35	37	39	42	44	47
<b>Overtime:</b>							
Overtime hours per examiner FTE		90	90	90	90	90	90
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=GS12		10	13.7	14.4	16	17.6	19.1

SUMMARY		FY 2004		ACTUAL DATA					
6/17/05 11:45 07OMB.P40D		06 Pres		Budget					
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	673,347	710,327	729,744	727,499	702,755
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	389,513	402,325	426,455	452,010	479,085	507,870
RECEIPTS TO BE									
EXAMINED	355,527	376,900	395,709	385,518	398,090	421,966	447,252	474,042	502,524
REG PROD	272,372	277,845	293,432	296,456	334,428	372,588	416,124	462,281	516,072
TOT PROD	287,752	296,535	314,454	315,254	355,755	396,575	442,848	491,443	547,539
DISPOSALS	287,188	295,456	292,536	310,500	350,400	390,600	436,200	484,100	539,300
FIRST ACTS	288,316	297,614	336,371	320,008	361,110	402,549	449,497	498,786	555,778
PEND FA	20.2	20.7	21.4	22.5	22.9	22.3	21.0	19.3	17.0
PEND IS/AB	27.6	31.0	31.3	31.3	32.5	32.9	32.3	31.0	29.3
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRD	170,664	176,837	178,913	178,173	208,967	233,606	260,756	289,802	322,567

**#3 Added Assumptions**

Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)

5% reduction in filings from Continuation Limitation

Efficiency gain changed from 20% to 5%

**FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%**

**Plus #2 Added Assumptions**

1,000 Examiner Hiring Levels

Trainers for New Hires

**Plus #1 Base Assumptions**

Adjusted for Complexity Creep

Efficiency gains:

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07OMB.P40D Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
		2.5	5.0				
Less 5% for discontinued continuation		9,988	21,175	22,445	23,790	25,215	26,730
<b>UPR Filings</b>		<b>389,513</b>	<b>402,325</b>	<b>426,455</b>	<b>452,010</b>	<b>479,085</b>	<b>507,870</b>
Less Abandonment Rate 1% during		3,995	4,235	4,489	4,758	5,043	5,346
<b>UPR Filings TO BE Examined</b>		<b>385,518</b>	<b>398,090</b>	<b>421,966</b>	<b>447,252</b>	<b>474,042</b>	<b>502,524</b>
<b>Examiner Hires:</b>	860	1,000	1,000	1,000	1,000	1,000	1,000
<b>Attrition rate:</b>	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>		<b>2.5%</b>	<b>5.0%</b>	<b>5.0%</b>	<b>5.310%</b>	<b>6.870%</b>	<b>9.680%</b>
	FY 04						
	Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	25.5	25.9	25.8	25.7	26.0	26.6
GS-7	31.5	31.6	32.1	31.9	31.9	32.2	33.0
GS-9	50.4	50.6	51.4	51.1	51.0	51.6	52.7
GS-11	62.7	63.0	63.9	63.6	63.5	64.1	65.6
GS-12	68.3	68.6	69.6	69.3	69.1	69.9	71.5
GS-13	81	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	91.9	93.3	92.8	92.6	93.6	95.7
GS-15	103.1	103.6	105.1	104.6	104.4	105.5	107.9
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination		35	37	39	42	44	47
<b>Overtime:</b>							
Overtime hours per examiner FTE		90	90	90	90	90	90
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=GS12		10	13.7	14.4	16	17.6	19.1
<b>Allowance Rate</b>		<b>60.0%</b>	<b>63.0%</b>	<b>63.0%</b>	<b>63.0%</b>	<b>63.0%</b>	<b>63.0%</b>



*w/c Bud Lee*

SUMMARY FY 2004 ACTUAL DATA  
06CONG.P21

YEAR	2004	2005	2006	2007	2008	2009	2010	Notes
EOY STAFF	3681	3645	3646	3646	3646	3646	3646	FY 05/10 Filing growth rate is 6%
PROF W-Y	3550	3344	3346	3337	3330	3322	3313	FY 05/10 Attrition rate is 8%
# HIRED	443	296	296	296	296	296	296	
# ATTRITED	336	296	296	296	296	296	296	
Net Positions	107	0	0	0	0	0	0	
OVERTIME(K)	13373	13875	14495	15150	15810	16500	16455	FY 05/10 90 Overtime hours/FTE
OT HOURS	303459	300976	300601	300356	299715	298967	298151	No PCT Outsourcing
# BOY NEW	443852	508878	609792	732160	876771	1E+06	#####	
TOTAL D'TLS	12	25	25	25	25	25	25	
AVG. GRADE	12.41	12.4	12.61	12.77	12.86	12.93	12.97	
RECEIPTS	355527	376900	399500	423500	448900	475800	504300	FY 06/10 Prod rates adj for complexity
REG PROD	272372	256689	257801	259547	260900	261097	260777	FY 05 38 SY's Quality Initiatives
TOT PROD	287752	271943	273036	274770	276090	276249	275888	FY 06/10 68 SY's Quality Initiatives
DISPOSALS	287188	267900	268940	270650	271950	272100	271750	FY 05/06 30 SY's Trainers for new hires
FIRST ACTS	288316	275986	277132	278890	280230	280397	280026	FY 05/10 15 hr/Exmr CLE Training
PEND F/A	20.2	21.3	23.5	26.3	29.4	32.8	36.4	No Efficiency Gains
PEND IS/AB	27.6	30.2	32.3	34.5	37.3	40.4	43.8	
NO. SPL'S	278	315	315	315	315	315	315	FY 05/10 EOD Date 7/1
#PATS PRTD	170664	167354	164895	165842	166634	166970	166831	FY 05/10 allowance rate 63%

**07OMB.P40D Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation		9,988	21,175	22,445	23,790	25,215	26,730
<b>UPR Filings</b>		<b>389,513</b>	<b>402,325</b>	<b>426,455</b>	<b>452,010</b>	<b>479,085</b>	<b>507,870</b>
Less Abandonment Rate 1% during		3,995	4,235	4,489	4,758	5,043	5,346
<b>UPR Filings TO BE Examined</b>		<b>385,518</b>	<b>398,090</b>	<b>421,966</b>	<b>447,252</b>	<b>474,042</b>	<b>502,524</b>
<b>Examiner Hires:</b>	860	1,000	1,000	1,000	1,000	1,000	1,000
<b>Attrition rate:</b>	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>		<b>2.5%</b>	<b>5.0%</b>	<b>5.0%</b>	<b>5.310%</b>	<b>6.870%</b>	<b>9.680%</b>
	<b>FY 04</b>						
	<b>Actual</b>	<b>Production Units per examiner per grade per fiscal year</b>					
GS-5	25.4	25.5	25.9	25.8	25.7	26.0	26.6
GS-7	31.5	31.6	32.1	31.9	31.9	32.2	33.0
GS-9	50.4	50.6	51.4	51.1	51.0	51.6	52.7
GS-11	62.7	63.0	63.9	63.6	63.5	64.1	65.6
GS-12	68.3	68.6	69.6	69.3	69.1	69.9	71.5
GS-13	81	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	91.9	93.3	92.8	92.6	93.6	95.7
GS-15	103.1	103.6	105.1	104.6	104.4	105.5	107.9
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination		35	37	39	42	44	47
<b>Overtime:</b>							
Overtime hours per examiner FTE		90	90	90	90	90	90
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=GS12		10	13.7	14.4	16	17.6	19.1
<b>Allowance Rate</b>		<b>60.0%</b>	<b>63.0%</b>	<b>63.0%</b>	<b>63.0%</b>	<b>63.0%</b>	<b>63.0%</b>

SUMMARY	FY 2004		ACTUAL DATA						
	6/17/05 11:45 07OMB.P40D		06 Pres Budget						
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	673,347	710,327	729,744	727,499	702,755
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	389,513	402,325	426,455	452,010	479,085	507,870
RECEIPTS TO BE									
EXAMINED	355,527	376,900	395,709	385,518	398,090	421,966	447,252	474,042	502,524
REG PROD	272,372	277,845	293,432	296,456	334,428	372,588	416,124	462,281	516,072
TOT PROD	287,752	296,535	314,454	315,254	355,755	396,575	442,848	491,443	547,539
DISPOSALS	287,188	295,456	292,536	310,500	350,400	390,600	436,200	484,100	539,300
FIRST ACTS	288,316	297,614	336,371	320,008	361,110	402,549	449,497	498,786	555,778
PEND FA	20.2	20.7	21.4	22.5	22.9	22.3	21.0	19.3	17.0
PEND IS/AB	27.6	31.0	31.3	31.3	32.5	32.9	32.3	31.0	29.3
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRD	170,664	176,837	178,913	178,173	208,967	233,606	260,756	289,802	322,567

**#3 Added Assumptions**

Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)  
 5% reduction in filings from Continuation Limitation

Efficiency gain changed from 20% to 5%

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #2 Added Assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires

Plus #1 Base Assumptions  
 Adjusted for Complexity Creep  
 Efficiency gains:  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07OMB.P39Emod Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation		2.5%	15.0%	15.0%	15.0%	15.0%	15.0%
<b>UPR Filings</b>		9,988	63,525	67,335	71,370	75,645	80,190
Less Abandonment Rate 1% during		3,995	4,235	4,489	4,758	5,043	5,346
<b>UPR Filings TO BE Examined</b>		385,518	355,740	377,076	399,672	423,612	449,064
<b>10% Inventory Reduction</b>			66,635				
<b>Net Filings</b>			289,105				
<b>Examiner Hires:</b>	860	1,000	1,000	1,000	1,000	1,000	1,000
<b>Attrition rate:</b>	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>		0.025	0.200	0.200	0.200	0.200	0.200
	FY 04						
	Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	25.5	30.3	30.2	30.0	29.9	29.7
GS-7	31.5	31.6	37.6	37.4	37.2	37.0	36.8
GS-9	50.4	50.6	60.1	59.8	59.5	59.2	59.0
GS-11	62.7	63.0	74.8	74.4	74.1	73.7	73.3
GS-12	68.3	68.6	81.5	81.1	80.7	80.3	79.9
GS-13	81	81.4	96.7	96.2	95.7	95.2	94.7
GS-14	91.5	91.9	109.2	108.6	108.1	107.6	107.0
GS-15	103.1	103.6	123.0	122.4	121.8	121.2	120.6
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination		35	37	39	42	44	47
<b>Overtime:</b>							
Overtime hours per examiner FTE		90	90	90	90	90	90
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=GS12		10	13.7	14.4	16	17.6	19.1
<b>Allowance Rate</b>		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY	FY 2004		ACTUAL DATA						
6/24/05 12:00 07OMB.P39Emod			06 Pres						
			Budget						
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	673,347	543,549	453,667	333,201	188,042
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410
RECEIPTS TO BE EXAMINED	355,527	376,900	395,709	385,518	355,740	377,076	399,672	423,612	449,064
REG PROD	272,372	277,845	293,432	296,456	391,424	436,042	485,695	531,173	576,801
TOT PROD	287,752	296,535	314,454	315,254	412,751	460,029	512,419	560,335	608,268
DISPOSALS	287,188	295,456	292,536	310,500	406,600	453,100	504,700	551,900	599,100
FIRST ACTS	288,316	297,614	336,371	320,008	418,903	466,958	520,138	568,771	617,436
PEND FA <small>calculated by FA output</small>				22.5	15.6	11.7	7.7	4.0	0.4
PEND IS/AB				31.3	35.2	25.6	21.7	17.7	14.0
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486

Plus #3 Added Assumptions  
 Patentability Reports - 15% gain beginning in FY 07  
 10% Drop out in FY 07 inventory  
 10% reduction in filings from Patentability Reports  
 No Outsourcing of the US Search  
 Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)  
 5% reduction in filings from Continuation Limitation

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires  
 FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Creep  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07OMB.P39D Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation		0	0	0	0	0	0
<b>UPR Filings</b>		0	0	0	0	0	0
Less Abandonment Rate 1% during		3,995	4,235	4,489	4,758	5,043	5,346
<b>UPR Filings TO BE Examined</b>		<b>395,505</b>	<b>419,265</b>	<b>444,411</b>	<b>471,042</b>	<b>499,257</b>	<b>529,254</b>
<b>Examiner Hires:</b>	860	1,000	1,000	1,000	1,000	1,000	1,000
<b>Attrition rate:</b>	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0031	0.0156	0.0281
	<b>FY 04</b>	<b>Production Units per examiner per grade per fiscal year</b>					
	<b>Actual</b>						
GS-5	25.4	24.9	24.6	24.5	24.5	24.7	25.3
GS-7	31.5	30.9	30.6	30.4	30.4	30.7	31.4
GS-9	50.4	49.4	48.9	48.7	48.6	49.1	50.2
GS-11	62.7	61.4	60.8	60.5	60.4	61.1	62.5
GS-12	68.3	66.9	66.3	65.9	65.8	66.5	68.0
GS-13	81	79.4	78.6	78.2	78.0	78.9	80.7
GS-14	91.5	89.7	88.8	88.3	88.2	89.1	91.1
GS-15	103.1	101.0	100.0	99.5	99.3	100.4	102.7
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination		35	37	39	42	44	47
<b>Overtime:</b>							
Overtime hours per examiner FTE		90	90	90	90	90	90
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=GS12		10	13.7	14.4	16	17.6	19.1
<b>Allowance Rate</b>		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY	FY 2004		ACTUAL DATA						
6/24/05 11:30 07OMB.P39D			06 Pres Budget						
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	690,657	765,162	825,358	867,135	890,089
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	399,500	423,500	448,900	475,800	504,300	534,600
RECEIPTS TO BE EXAMINED	355,527	376,900	395,709	395,505	419,265	444,411	471,042	499,257	529,254
REG PROD	272,372	277,845	293,432	289,294	318,303	354,571	396,208	440,090	491,246
TOT PROD	287,752	296,535	314,454	308,092	339,630	378,558	422,932	469,252	522,713
DISPOSALS	287,188	295,456	292,536	303,500	334,500	372,900	416,600	462,200	514,900
FIRST ACTS	288,316	297,614	336,371	312,684	344,760	384,216	429,264	476,303	530,525
PEND FA	20.2	20.7	21.4	22.5	23.4	23.8	23.6	22.9	21.7
PEND IS/AB	27.6	31.0	31.3	31.3	32.5	33.4	33.8	33.6	32.9
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	175,097	200,565	223,016	249,016	276,712	307,973

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires

Efficiency gain changed from 20% to 5%  
 5 % Efficiency gain - Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Creep  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

SUMMARY FY 2005 ACTUAL DATA  
 ##### 07CONG.P12

YEAR	2005	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,150	4,150	4,150	4,150	4,150	4,150
PROF W-Y	3,804	3,918	3,914	3,907	3,888	3,858	3,831
# HIRED	959	414	374	332	290	290	290
# ATTRITED	425	414	374	332	290	290	290
Net Positions	534	0	0	0	0	0	0
OVERTIME(K)	12,225	14,917	15,215	15,506	15,755	15,962	16,183
OT HOURS	278,669	333,039	332,703	332,111	330,499	327,956	325,609
# BOY NEW	508,878	586,580	692,184	826,608	992,203	1,193,091	1,434,039
TOTAL D'TLS	13	20	20	20	20	20	20
AVG. GRADE	12.17	12.03	12.31	12.52	12.69	12.84	12.95
RECEIPTS	384,209	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO BE EXAMINED	384,209	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	280,782	285,141	289,835	293,475	295,503	296,504
TOT PROD	288,315	296,686	301,029	305,695	309,258	311,164	312,053
DISPOSALS	279,345	287,800	292,000	296,500	300,000	301,800	302,700
FIRST ACTS	297,285	305,572	310,058	314,890	318,516	320,527	321,405
PEND FA	21.1	22.0	23.9	26.4	29.2	32.2	35.5
PEND IS/AB	29.1	31.3	32.0	33.9	36.4	39.2	42.2
# SPE'S	294	321	321	321	321	321	321
#PATS PRTD	152104	160,000	166,378	168,848	171,052	172,322	172,965

**Examiner Hiring Levels Replacing attrition only  
 85 Overtime hours/FTE**

**No Efficiency gains**

**No PCT Outsourcing**

**FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%**

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training



**07CONG.P12 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rates		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 5% for discontinued continuation		0	0	0	0	0	0		
<b>UPR Filings</b>		0	0	0	0	0	0		
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131		
<b>UPR Filings TO BE Examined</b>		<b>411,177</b>	<b>444,482</b>	<b>480,485</b>	<b>519,404</b>	<b>561,476</b>	<b>606,956</b>		
<b>Examiner Hires:</b>	959	414	374	332	290	290	290		
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0000	0.0000	0.0000		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings	913	1,250	1,250	1,250	1,250	1,250	1,250		
Examiner PCT PUs	14,234	16,056	17,019	18,040	19,123	20,270	21,486		
Examiner FTE	158	179	190	201	213	226	239		
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
<b>Overtime:</b>	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY	FY 2005	ACTUAL DATA						
#####	07CONG.P9	06 Pres Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,705	5,235	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,200	4,749	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	427	430	436	418	455	488
Net Positions	534	563	573	570	564	582	545	512
OVERTIME(K)	12,225	20,000	18,227	21,559	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	377,999	427,410	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	681,049	779,305	875,698	968,244	1,057,144
TOTAL D'TLS	13	25	28	29	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.55	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	293,432	292,755	322,232	351,459	390,668	432,985	481,742
TOT PROD	288,315	314,454	311,913	343,894	372,896	414,379	458,738	509,419
DISPOSALS	279,345	292,536	307,234	338,736	361,700	401,900	444,900	494,100
FIRST ACTS	297,285	336,371	316,591	349,052	384,092	426,858	472,576	524,737
PEND FA	21.1	21.4	22.0	23.0	23.7	23.9	24.1	24.0
PEND IS/AB	29.1	31.3	31.3	32.0	33.0	33.7	33.9	34.1
# SPE'S	294	364	362	402	440	481	520	557
#PATS PRTD	152104	178,913	160,000	181,200	196,300	218,500	244,000	270,500

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires

Efficiency gain from Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07CONG.P9 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 5% for discontinued continuation		0	0	0	0	0	0		
<b>UPR Filings</b>		0	0	0	0	0	0		
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131		
<b>UPR Filings TO BE Examined</b>		<b>411,177</b>	<b>444,482</b>	<b>480,485</b>	<b>519,404</b>	<b>561,476</b>	<b>606,956</b>		
<b>Examiner Hires:</b>	959	1,000	1,000	1,000	1,000	1,000	1,000		
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0031	0.0156	0.0281		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.1	24.3	24.9
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.6	30.9	31.6
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.6	47.1	48.1
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.9	57.5	58.8
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.9	66.6	68.1
GS-13	81	79.4	80.2	79.4	78.6	78.2	78.1	78.9	80.7
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.2	89.2	91.2
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.5	99.5	101.8
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings		913	1,250	3,255	8,020	13,342	14,202	15,114	
Examiner PCT PUs		14,234	14,806	13,764	10,020	5,781	6,068	6,372	
Examiner FTE		158	165	153	112	64	68	71	
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
<b>Overtime:</b>	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY	FY 2005	ACTUAL DATA						
#####	07CONG.P10	06 Pres Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	442	443	436	418	455	488
Net Positions	534	563	558	557	564	582	545	512
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	663,133	722,396	776,241	822,231	860,311
TOTAL D'TLS	13	.25	20	20	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	400,793	422,033	456,218	493,172	533,119	576,301
REG PROD	275,008	293,432	297,755	333,043	369,300	410,430	454,866	506,263
TOT PROD	288,315	314,454	314,820	352,235	390,737	434,141	480,619	533,940
DISPOSALS	279,345	292,536	305,400	341,700	379,100	421,100	466,200	517,900
FIRST ACTS	297,285	336,371	324,240	362,770	402,373	447,182	495,038	549,980
PEND FA	21.1	21.4	21.4	22.1	22.0	21.5	20.9	20.0
PEND IS/AB	29.1	31.3	31.3	31.4	32.1	32.0	31.5	30.9
# SPE'S	294	364	359	399	440	481	520	557
#PATS PRTD	152104	178,913	160,000	190,240	211,478	234,834	260,184	288,810

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires

Efficiency gain from Outsourcing the Search

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11  
 Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)  
 FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07CONG.P10 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 5% for discontinued continuation		10,383	22,449	24,267	26,233	28,357	30,654		
<b>UPR Filings</b>		<b>404,947</b>	<b>426,523</b>	<b>461,071</b>	<b>498,418</b>	<b>538,790</b>	<b>582,432</b>		
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131		
<b>UPR Filings TO BE Examined</b>		<b>400,793</b>	<b>422,033</b>	<b>456,218</b>	<b>493,172</b>	<b>533,119</b>	<b>576,301</b>		
<b>Examiner Hires:</b>	959	1,000	1,000	1,000	1,000	1,000	1,000		
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
<b>Efficiency Gains</b>		<b>2.500%</b>	<b>5.000%</b>	<b>5.000%</b>	<b>5.313%</b>	<b>6.563%</b>	<b>7.813%</b>		
	<b>FY 04</b>	<b>FY 05</b>	<b>2-YR Avg</b>						
	<b>Actual</b>	<b>Actual</b>	<b>of Actual</b>	<b>Production Units per examiner per grade per fiscal year</b>					
GS-5	25.4	24.1	24.75	25.1	25.5	25.4	25.3	25.6	26.2
GS-7	31.5	31.4	31.45	31.9	32.4	32.2	32.2	32.5	33.2
GS-9	50.4	45.3	47.85	48.6	49.3	49.0	48.9	49.4	50.6
GS-11	62.7	54.2	58.45	59.3	60.2	59.9	59.8	60.4	61.8
GS-12	68.3	67.1	67.7	68.7	69.7	69.4	69.2	70.0	71.6
GS-13	81	79.4	80.2	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	89.8	90.65	92.0	93.3	92.9	92.7	93.7	95.8
GS-15	103.1	99.3	101.2	102.7	104.2	103.7	103.5	104.6	107.0
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
<b>Total PCT PU savings</b>		<b>913</b>	<b>1,250</b>	<b>3,255</b>	<b>8,020</b>	<b>13,342</b>	<b>14,202</b>	<b>15,114</b>	
<b>Examiner PCT PUs</b>	14,234	14,806	13,764	10,020	5,781	6,068	6,372		
<b>Examiner FTE</b>	158	165	153	112	64	68	71		
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
<b>Overtime:</b>	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY	FY 2005	ACTUAL DATA						
#####	07CONG.P11	06 Pres Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	442	443	436	418	455	488
Net Positions	534	563	558	557	564	582	545	512
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	663,133	581,073	521,492	444,366	356,147
TOTAL D'TLS	13	25	20	20	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	404,947	381,626	412,538	445,953	482,075	521,123
RECEIPTS TO								
BE EXAMINED	384,209	395,709	400,793	339,423	407,684	440,707	476,404	514,993
REG PROD	275,008	293,432	297,755	389,999	432,196	479,055	522,459	565,907
TOT PROD	288,315	314,454	314,820	409,191	453,633	502,766	548,212	593,584
DISPOSALS	279,345	292,536	305,400	396,900	440,000	487,700	531,800	575,800
FIRST ACTS	297,285	336,371	324,240	421,483	467,266	517,832	564,624	611,369
FA Monthly Output			27020	35124	38939	43153	47052	50947
PEND FA	21.1	21.4	21.4	20.1	16.8	14.6	11.2	8.0
PEND FA calculated by FA Output			24.5	16.5	13.4	10.3	7.6	5.1
PEND IS/AB	29.1	31.3	31.3	31.4	30.1	26.8	24.6	21.2
PEND IS/AB calculated by FA Output					26.5	23.4	20.3	17.6
# SPE'S	294	364	359	399	440	481	520	557
#PATS PRTD	152104	178,913	160,000	213,969	245,493	272,109	297,838	323,012

259,771

**#2 added assumptions**  
**1,000 Examiner Hiring Levels**  
**Trainers for New Hires**  
**10% Dropout in FY 07**  
**Efficiency gain from Outsourcing the Search**  
**Patentability Reports 20% FY 07/11**  
**Claims reduction - 2.5% in FY 06 / 5% in FY 07/11**  
**Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)**  
**FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%**

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07CONG.P11 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate	8.0%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 15% for discontinued continuation		10,383	67,346	72,801	78,698	85,072	91,963		
<b>UPR Filings</b>		<b>404,947</b>	<b>381,626</b>	<b>412,538</b>	<b>445,953</b>	<b>482,075</b>	<b>521,123</b>		
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131		
<b>UPR Filings TO BE Examined</b>		<b>400,793</b>	<b>377,136</b>	<b>407,684</b>	<b>440,707</b>	<b>476,404</b>	<b>514,993</b>		
10% Dropout			339,423						
<b>Examiner Hires:</b>	959	1,000	1,000	1,000	1,000	1,000	1,000		
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
<b>Efficiency Gains</b>		2.500%	20.000%	20.000%	20.000%	20.000%	20.000%		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	25.1	29.8	29.7	29.5	29.4	29.2
GS-7	31.5	31.4	31.45	31.9	37.9	37.7	37.5	37.3	37.2
GS-9	50.4	45.3	47.85	48.6	57.7	57.4	57.1	56.8	56.5
GS-11	62.7	54.2	58.45	59.3	70.5	70.1	69.8	69.4	69.1
GS-12	68.3	67.1	67.7	68.7	81.6	81.2	80.8	80.4	80.0
GS-13	81	79.4	80.2	81.4	96.7	96.2	95.7	95.2	94.8
GS-14	91.5	89.8	90.65	92.0	109.3	108.7	108.2	107.6	107.1
GS-15	103.1	99.3	101.2	102.7	122.0	121.4	120.8	120.2	119.6
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings		913	1,250	3,255	8,020	13,342	14,202	15,114	
Examiner PCT PUs		14,234	14,806	13,764	10,020	5,781	6,068	6,372	
Examiner FTE		158	165	153	112	64	68	71	
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
<b>Overtime:</b>	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

PATENTS PERFORMANCE MEASURE	FY 2005 Target	FY 2005 Results	FY 2005 Target vs Results Variance	FY 2006 Target
<b>QUALITY</b>				
End process reviews -- Allowance Error rate	4.0%	Overall: 4.6%(±0.5%) 10/1/04 – 6/12/05: 5.2% 6/13/05 – 9/30/05: 4.0%	-15.0%	4.0%
In-Process Reviews (IPR) – Compliance Rate	84.0%	86.0%	+2.4%	86.0%
<b>E-GOV</b>				
Patent Applications Managed Electronically	90.0%	96.7%	+7.4%	99.0%
Patent Applications Filed Electronically	4.0%	2.2%	- 45.0%	10.0%
<b>PENDENCY</b>				
Average First Action Pendency from date of filing to mailing first Office action in months	21.3	21.1	+0.9%	22.0
Average Total Pendency from date of filing to issuance or abandonment	31.0	29.1	+6.1%	31.3
<b>EFFICIENCY</b>				
Average cost of a Patent disposal: calculated by dividing total USPTO expenses associated with examination and processing of patents (including associated overhead and support expenses) by outputs (production units)	\$4,122	\$3,877	+5.9%	\$4,279* * being revalidated
<b>PATENT APPLICATION FILINGS</b>				
Utility, Plant, Reissue (UPR) application filings	375,100	384,228 (Final)		414,700
UPR increase from the prior year/increase above FY plan		8.1% over FY '04	+2.4%	8.0%
Design application filings	25,111	25,304		26,900
Design increase from the prior year/increase above FY plan		7.1% over FY '04	+0.8%	6.3%
<b>EXAMINER PRODUCTION</b>				
Production Units (UPR)	296,500	288,310	-2.8%	311,900
<b>PATENT EXAMINING STAFF</b>				
Patent Examiner Hires (UPR)	860	959	+11.5%	1,000
Design	20	19	-5%	20



SUMMARY FY 2005 ACTUAL DATA  
 ##### 07CONG.P12

YEAR	2005	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,150	4,150	4,150	4,150	4,150	4,150
PROF W-Y	3,804	3,918	3,914	3,907	3,888	3,858	3,831
# HIRED	959	414	374	332	290	290	290
# ATTRITED	425	414	374	332	290	290	290
Net Positions	534	0	0	0	0	0	0
OVERTIME(K)	12,225	14,917	15,215	15,506	15,755	15,962	16,183
OT HOURS	278,669	333,039	332,703	332,111	330,499	327,956	325,609
# BOY NEW	508,878	586,580	692,184	826,608	992,203	1,193,091	1,434,039
TOTAL D'TLS	13	20	20	20	20	20	20
AVG. GRADE	12.17	12.03	12.31	12.52	12.69	12.84	12.95
RECEIPTS	384,209	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO BE EXAMINED	384,209	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	280,782	285,141	289,835	293,475	295,503	296,504
TOT PROD	288,315	296,686	301,029	305,695	309,258	311,164	312,053
DISPOSALS	279,345	287,800	292,000	296,500	300,000	301,800	302,700
FIRST ACTS	297,285	305,572	310,058	314,890	318,516	320,527	321,405
PEND FA	21.1	22.0	23.9	26.4	29.2	32.2	35.5
PEND IS/AB	29.1	31.3	32.0	33.9	36.4	39.2	42.2
# SPE'S	294	321	321	321	321	321	321
#PATS PRTD	152104	160,000	166,378	168,848	171,052	172,322	172,965

**Examiner Hiring Levels Replacing attrition only  
 85 Overtime hours/FTE**

**No Efficiency gains**

**No PCT Outsourcing**

**FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%**

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07CONG.P12 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rates		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 5% for discontinued continuation		0	0	0	0	0	0		
<b>UPR Filings</b>		0	0	0	0	0	0		
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131		
<b>UPR Filings TO BE Examined</b>		<b>411,177</b>	<b>444,482</b>	<b>480,485</b>	<b>519,404</b>	<b>561,476</b>	<b>606,956</b>		
<b>Examiner Hires:</b>	959	414	374	332	290	290	290		
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0000	0.0000	0.0000		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings	913	1,250	1,250	1,250	1,250	1,250	1,250		
Examiner PCT PUs	14,234	16,056	17,019	18,040	19,123	20,270	21,486		
Examiner FTE	158	179	190	201	213	226	239		
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
<b>Overtime:</b>	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY	FY 2005	ACTUAL DATA						
#####	07CONG.P9	06 Pres						
		Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,705	5,235	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,200	4,749	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	427	430	436	418	455	488
Net Positions	534	563	573	570	564	582	545	512
OVERTIME(K)	12,225	20,000	18,227	21,559	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	377,999	427,410	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	681,049	779,305	875,698	968,244	1,057,144
TOTAL D'TLS	13	25	28	29	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.55	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	293,432	292,755	322,232	351,459	390,668	432,985	481,742
TOT PROD	288,315	314,454	311,913	343,894	372,896	414,379	458,738	509,419
DISPOSALS	279,345	292,536	307,234	338,736	361,700	401,900	444,900	494,100
FIRST ACTS	297,285	336,371	316,591	349,052	384,092	426,858	472,576	524,737
PEND FA	21.1	21.4	22.0	23.0	23.7	23.9	24.1	24.0
PEND IS/AB	29.1	31.3	31.3	32.0	33.0	33.7	33.9	34.1
# SPE'S	294	364	362	402	440	481	520	557
#PATS PRTD	152104	178,913	160,000	181,200	196,300	218,500	244,000	270,500

**#2 added assumptions**  
**1,000 Examiner Hiring Levels**  
**Trainers for New Hires**

**Efficiency gain from Outsourcing the Search**

**FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%**

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07CONG.P9 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	
<b>Receipts:</b>								
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086	
Growth Rate		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%	
Less 5% for discontinued continuation		0	0	0	0	0	0	
<b>UPR Filings</b>		0	0	0	0	0	0	
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131	
<b>UPR Filings TO BE Examined</b>		<b>411,177</b>	<b>444,482</b>	<b>480,485</b>	<b>519,404</b>	<b>561,476</b>	<b>606,956</b>	
<b>Examiner Hires:</b>	959	1,000	1,000	1,000	1,000	1,000	1,000	
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%	
<b>Production Rates:</b>								
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0031	0.0156	0.0281	
	<b>FY 04 Actual</b>	<b>FY 05 Actual</b>	<b>2-YR Avg of Actual</b>	<b>Production Units per examiner per grade per fiscal year</b>				
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.3	24.9
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.6	30.9
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.6	47.1
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.9	57.5
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.9	66.6
GS-13	81	79.4	80.2	79.4	78.6	78.2	78.1	78.9
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.2	89.2
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.5	99.5
<b>Patent Cooperation Treaty (PCT):</b>								
PCT Chapter I PUs redirected (paralegal)								
Chap I reduction 25%-07 50%-08 75%-09/11								
Chap II reduction 25%-08 50%-09/11								
<b>Total PCT PU savings</b>		913	1,250	3,255	8,020	13,342	14,202	15,114
<b>Examiner PCT PUs</b>		14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE		158	165	153	112	64	68	71
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47	
PGPub FTE redirected to examination								
<b>Overtime:</b>	86	85	85	85	85	85	85	
Overtime hours per examiner FTE								
<b>Examiner FTE lost/taken out of the examining corps:</b>								
Part-time	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	
New Hire trainers	5	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12	
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	

SUMMARY	FY 2005	ACTUAL DATA						
#####	07CONG.P10	06 Pres Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	442	443	436	418	455	488
Net Positions	534	563	558	557	564	582	545	512
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	663,133	722,396	776,241	822,231	860,311
TOTAL D'TLS	13	.25	20	20	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	400,793	422,033	456,218	493,172	533,119	576,301
REG PROD	275,008	293,432	297,755	333,043	369,300	410,430	454,866	506,263
TOT PROD	288,315	314,454	314,820	352,235	390,737	434,141	480,619	533,940
DISPOSALS	279,345	292,536	305,400	341,700	379,100	421,100	466,200	517,900
FIRST ACTS	297,285	336,371	324,240	362,770	402,373	447,182	495,038	549,980
PEND FA	21.1	21.4	21.4	22.1	22.0	21.5	20.9	20.0
PEND IS/AB	29.1	31.3	31.3	31.4	32.1	32.0	31.5	30.9
# SPE'S	294	364	359	399	440	481	520	557
#PATS PRTD	152104	178,913	160,000	190,240	211,478	234,834	260,184	288,810

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires

Efficiency gain from Outsourcing the Search

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11  
 Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)  
 FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07CONG.P10 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 5% for discontinued continuation		10,383	22,449	24,267	26,233	28,357	30,654		
<b>UPR Filings</b>		<b>404,947</b>	<b>426,523</b>	<b>461,071</b>	<b>498,418</b>	<b>538,790</b>	<b>582,432</b>		
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131		
<b>UPR Filings TO BE Examined</b>		<b>400,793</b>	<b>422,033</b>	<b>456,218</b>	<b>493,172</b>	<b>533,119</b>	<b>576,301</b>		
<b>Examiner Hires:</b>	959	1,000	1,000	1,000	1,000	1,000	1,000		
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
<b>Efficiency Gains</b>		<b>2.500%</b>	<b>5.000%</b>	<b>5.000%</b>	<b>5.313%</b>	<b>6.563%</b>	<b>7.813%</b>		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	25.1	25.5	25.4	25.3	25.6	26.2
GS-7	31.5	31.4	31.45	31.9	32.4	32.2	32.2	32.5	33.2
GS-9	50.4	45.3	47.85	48.6	49.3	49.0	48.9	49.4	50.6
GS-11	62.7	54.2	58.45	59.3	60.2	59.9	59.8	60.4	61.8
GS-12	68.3	67.1	67.7	68.7	69.7	69.4	69.2	70.0	71.6
GS-13	81	79.4	80.2	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	89.8	90.65	92.0	93.3	92.9	92.7	93.7	95.8
GS-15	103.1	99.3	101.2	102.7	104.2	103.7	103.5	104.6	107.0
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings		913	1,250	3,255	8,020	13,342	14,202	15,114	
Examiner PCT PUs		14,234	14,806	13,764	10,020	5,781	6,068	6,372	
Examiner FTE		158	165	153	112	64	68	71	
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
<b>Overtime:</b>	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmt Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY	FY 2005	ACTUAL DATA						
#####	07CONG.P11	06 Pres						
		Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	442	443	436	418	455	488
Net Positions	534	563	558	557	564	582	545	512
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	663,133	581,073	521,492	444,366	356,147
TOTAL D'TLS	13	25	20	20	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	404,947	381,626	412,538	445,953	482,075	521,123
RECEIPTS TO								
BE EXAMINED	384,209	395,709	400,793	339,423	407,684	440,707	476,404	514,993
REG PROD	275,008	293,432	297,755	389,999	432,196	479,055	522,459	565,907
TOT PROD	288,315	314,454	314,820	409,191	453,633	502,766	548,212	593,584
DISPOSALS	279,345	292,536	305,400	396,900	440,000	487,700	531,800	575,800
FIRST ACTS	297,285	336,371	324,240	421,483	467,266	517,832	564,624	611,369
FA Monthly Output			27020	35124	38939	43153	47052	50947
PEND FA	21.1	21.4	21.4	20.1	16.8	14.6	11.2	8.0
PEND FA calculated by FA Output			24.5	16.5	13.4	10.3	7.6	5.1
PEND IS/AB	29.1	31.3	31.3	31.4	30.1	26.8	24.6	21.2
PEND IS/AB calculated by FA Output					26.5	23.4	20.3	17.6
# SPE'S	294	364	359	399	440	481	520	557
#PATS PRTD	152104	178,913	160,000	213,969	245,493	272,109	297,838	323,012

259,771

**#2 added assumptions**  
**1,000 Examiner Hiring Levels**  
**Trainers for New Hires**  
**10% Dropout in FY 07**  
**Efficiency gain from Outsourcing the Search**  
**Patentability Reports 20% FY 07/11**  
**Claims reduction - 2.5% in FY 06 / 5% in FY 07/11**  
**Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)**  
**FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%**

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

## 07CONG.P11 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate	8.0%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 15% for discontinued continuation		10,383	67,346	72,801	78,698	85,072	91,963		
<b>UPR Filings</b>		<b>404,947</b>	<b>381,626</b>	<b>412,538</b>	<b>445,953</b>	<b>482,075</b>	<b>521,123</b>		
Less Abandonment Rate 1% during initial		4,153	4,490	4,853	5,247	5,671	6,131		
<b>UPR Filings TO BE Examined</b>		<b>400,793</b>	<b>377,136</b>	<b>407,684</b>	<b>440,707</b>	<b>476,404</b>	<b>514,993</b>		
10% Dropout			339,423						
<b>Examiner Hires:</b>	959	1,000	1,000	1,000	1,000	1,000	1,000		
<b>Attrition rate:</b>	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
<b>Efficiency Gains</b>		2.500%	20.000%	20.000%	20.000%	20.000%	20.000%		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	25.1	29.8	29.7	29.5	29.4	29.2
GS-7	31.5	31.4	31.45	31.9	37.9	37.7	37.5	37.3	37.2
GS-9	50.4	45.3	47.85	48.6	57.7	57.4	57.1	56.8	56.5
GS-11	62.7	54.2	58.45	59.3	70.5	70.1	69.8	69.4	69.1
GS-12	68.3	67.1	67.7	68.7	81.6	81.2	80.8	80.4	80.0
GS-13	81	79.4	80.2	81.4	96.7	96.2	95.7	95.2	94.8
GS-14	91.5	89.8	90.65	92.0	109.3	108.7	108.2	107.6	107.1
GS-15	103.1	99.3	101.2	102.7	122.0	121.4	120.8	120.2	119.6
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings		913	1,250	3,255	8,020	13,342	14,202	15,114	
Examiner PCT PUs		14,234	14,806	13,764	10,020	5,781	6,068	6,372	
Examiner FTE		158	165	153	112	64	68	71	
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
<b>Overtime:</b>	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		



SUMMARY FY 2004 ACTUAL DATA  
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YEAR	2004	2005	Budget 2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	673,347	543,549	453,667	333,201	188,042
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410
RECEIPTS TO BE EXAMINED	355,527	376,900	395,709	385,518	355,740	377,076	399,672	423,612	449,064
REG PROD	272,372	277,845	293,432	296,456	391,424	436,042	485,695	531,173	576,801
TOT PROD	287,752	296,535	314,454	315,254	412,751	460,029	512,419	560,335	608,268
DISPOSALS	287,188	295,456	292,536	310,500	406,600	453,100	504,700	551,900	599,100
FIRST ACTS	288,316	297,614	336,371	320,008	418,903	466,958	520,138	568,771	617,436
PEND FA <small>calculated by FA output</small>				22.5	15.6	11.7	7.7	4.0	0.4
PEND IS/AB				31.3	35.2	25.6	21.7	17.7	14.0
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRD	170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486

Plus #3 Added Assumptions  
 Patentability Reports - 15% gain beginning in FY 07  
 10% Drop out in FY 07 inventory  
 10% reduction in filings from Patentability Reports  
 No Outsourcing of the US Search  
 Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)  
 5% reduction in filings from Continuation Limitation

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires  
 FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Creep  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07OMB.P39Emod Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation		2.5%	15.0%	15.0%	15.0%	15.0%	15.0%
<b>UPR Filings</b>		9,988	63,525	67,335	71,370	75,645	80,190
Less Abandonment Rate 1% during		3,995	4,235	4,489	4,758	5,043	5,346
<b>UPR Filings TO BE Examined</b>		385,518	355,740	377,076	399,672	423,612	449,064
<b>10% Inventory Reduction</b>			66,635				
<b>Net Filings</b>			289,105				
<b>Examiner Hires:</b>	860	1,000	1,000	1,000	1,000	1,000	1,000
<b>Attrition rate:</b>	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>		0.025	0.200	0.200	0.200	0.200	0.200
	<b>FY 04</b>	<b>Production Units per examiner per grade per fiscal year</b>					
	<b>Actual</b>						
GS-5	25.4	25.5	30.3	30.2	30.0	29.9	29.7
GS-7	31.5	31.6	37.6	37.4	37.2	37.0	36.8
GS-9	50.4	50.6	60.1	59.8	59.5	59.2	59.0
GS-11	62.7	63.0	74.8	74.4	74.1	73.7	73.3
GS-12	68.3	68.6	81.5	81.1	80.7	80.3	79.9
GS-13	81	81.4	96.7	96.2	95.7	95.2	94.7
GS-14	91.5	91.9	109.2	108.6	108.1	107.6	107.0
GS-15	103.1	103.6	123.0	122.4	121.8	121.2	120.6
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination		35	37	39	42	44	47
<b>Overtime:</b>							
Overtime hours per examiner FTE		90	90	90	90	90	90
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=GS12		10	13.7	14.4	16	17.6	19.1
<b>Allowance Rate</b>		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%